# CPC COOPERATIVE PATENT CLASSIFICATION

Y GENERAL TAGGING OF NEW TECHNOLOGICAL DEVELOPMENTS; GENERAL TAGGING OF CROSS-SECTIONAL TECHNOLOGIES SPANNING OVER SEVERAL SECTIONS OF THE IPC; TECHNICAL SUBJECTS COVERED BY FORMER USPC CROSS-REFERENCE ART COLLECTIONS [XRACs] AND DIGESTS (NOTES omitted)

#### Y10 TECHNICAL SUBJECTS COVERED BY FORMER USPC

# Y10S TECHNICAL SUBJECTS COVERED BY FORMER USPC CROSS-REFERENCE ART COLLECTIONS [XRACs] AND DIGESTS

#### NOTE

This subclass has been introduced in July 2012 in view of the CPC to accommodate for technical subjects formerly covered by USPC cross-reference art collections [XRACs] and digests

<u>Apparel</u>		4/03	Electric flushing
2/00	A	4/04	Garbage grinder
2/00	Apparel	4/05	• Urine guards
2/01	• Ventilated garment	4/06	Heated seats
2/02	Reversible garment	4/07	<ul> <li>House plumbing fittings</li> </ul>
2/03	• Inflatable garment	4/08	Rubber seats
2/04	• Free swing garment	4/09	• Methods
2/05	• Waterproof garment with gutters	4/10	• Water additive or substitute
2/08	Rear-view mirror	4/11	• Oil toilet
2/09	Stocking-girdle relationship	4/12	<ul> <li>Aerobic decomposing toilet</li> </ul>
2/10	• Inflatable hat	4/13	Toilet having deformable trap
2/11	. Headband	4/14	• Pipe strainers
2/90	. Camouflaged	4/15	Prison bathrooms
2/901	Antibacterial, antitoxin, or clean room	4/16	<ul> <li>Deformable toilet traps</li> </ul>
2/902	• Antistatic	4/17	Electrolytic toilets
2/903	. Fiberglass	4/18	Bathroom fixture liners
2/904	• Polytetrafluoroethylene	4/19	Liquid-solid separators
2/905	. Electric	4/90	Decontamination shower
2/906	Head covering or protector	4/901	. Bowl skirt or tank cover
2/907	. Glove having three, four, or six finger pockets	4/902	Toilet training
2/908	• Guard or protector having a hook-loop type fastener	4/903	Shower head with material dispensing
2/909	Head protector, e.g. helmet, goggles	4/904	. Swim-in-place pool
2/91	Hand or wrist protector	4/905	• Squat bowl
2/911	Leg protector		•
2/912	Garment having a hook-loop type fastener	<b>Beds</b>	
2/913	Chest encircling, e.g. shirt, vest	5/00	Beds
2/914	Combined nether, e.g. union suit, bag type,	5/01	• with means to attach canopy or netting to
2/01/	overalls	3/01	unmodified bed or bedstead
2/915	• • having plural body encircling layers, e.g. coat	5/90	Bathtub or bed
2/916	. Neck covering, e.g. necktie	5/901	<ul> <li>Mattress or pad with a convoluted, e.g. egg crate</li> </ul>
2/917	Hand or wrist covering	3/901	surface
2/918	Head covering	5/902	• Mattress with nonrectangular supporting surface
2/919	. Lower torso and leg encircling, e.g. skirts,	5/904	<ul> <li>with sound emitting means</li> </ul>
2/02	trousers	5/905	<ul> <li>with light emitting means</li> </ul>
2/92	Garment supporter or retainer having a hook-loop  time featurer.	5/906	with magnetic means
	type fastener	5/907	with decorative structure
Baths, closet	s, sinks, and spittoons	5/908	. Mirror
,	•	5/909	Flowable viscous, e.g. gel material containing
4/00	Baths, closets, sinks, and spittoons	5/91	with suction means
4/01	Plural connected floats	5/911	Bead containing
4/02	<ul> <li>Disappearing bowl</li> </ul>	5/913	with suction means
		3/ /13	• • with suction means

Beds Y10S

5/915	with vibrating means	8/15	Pressurized gas treatment of textiles
5/922	<ul> <li>with hook and loop type fastener</li> </ul>	8/16	• Pressurized and high temperature liquid treatment of
5/923	Bedclothing		textiles
5/924	Cardboard containing	8/17	<ul> <li>Glyoxal and polyaldehyde treatment of textiles</li> </ul>
5/925	Highly frictional material	8/18	<ul> <li>Grafting textile fibers</li> </ul>
5/926	Low friction, e.g. slippery material	8/19	Molten metal
5/927	Sofa beds with motor means	8/20	N-Cl compound
5/928	<ul> <li>with sprinkling or washing means</li> </ul>	8/21	. Nylon
5/929	Facilitating sexual relations	8/90	<ul> <li>Basic emulsifiers for dyeing</li> </ul>
5/93	for pregnant user	8/901	Quaternary ammonium salts
5/931	<ul> <li>with safe or hiding place</li> </ul>	8/902	<ul> <li>Coacervation or two-phase dyeing system</li> </ul>
5/932	<ul> <li>Seals and sealing methods, for plastics</li> </ul>	8/903	<ul> <li>Triple mixture of anionic, cationic, and nonionic</li> </ul>
5/933	<ul> <li>Massaging bed</li> </ul>		emulsifiers for dyeing
5/934	with movable transverse slats	8/904	<ul> <li>Mixed anionic and nonionic emulsifiers for dyeing</li> </ul>
5/935	<ul> <li>with adjustable firmness</li> </ul>	8/905	<ul> <li>Mixed anionic and cationic emulsifiers for dyeing</li> </ul>
5/936	<ul> <li>with adjustable firmness comprising springs</li> </ul>	8/906	<ul> <li>Mixed cationic and nonionic emulsifiers for dyeing</li> </ul>
5/937	<ul> <li>Body support with lowerable support portion to</li> </ul>	8/907	<ul> <li>Nonionic emulsifiers for dyeing</li> </ul>
	provide access to a portion of the supported body	8/908	<ul> <li>Anionic emulsifiers for dyeing</li> </ul>
5/938	<ul> <li>with reflective material</li> </ul>	8/909	Sulfonated or sulfated alphatic hydrocarbons
5/939	<ul> <li>with microporous material</li> </ul>	8/91	Soap
5/94	• with alarm means	8/911	Sulfonated
5/941	Blanket with forced air flow	8/912	Arylene sulfonate-formaldehyde condensate or
5/942	<ul> <li>Longitudinally divided top surface with pivotable</li> </ul>	0/012	alkyl aryl sulfonate
	section	8/913	Amphoteric emulsifiers for dyeing
5/943	<ul> <li>with horizontally movable top surface</li> </ul>	8/914	Amino carboxylic acids
5/944	with upstanding firm massaging projections	8/915	. Amino sulfonic acids
5/945	Inflatable baby support with inflatable peripheral	8/916	Natural fiber dyeing
7/046	guard	8/917	Wool or silk
5/946	Crib bumper	8/918	Cellulose textile
5/947	• Wall mounted baby changer	8/919	. Paper
5/948	Body support with unique, specific filler material	8/92	Synthetic fiber dyeing
5/949	Comprising animal derived product	8/921	. Cellulose ester or ether
5/95 5/951	Comprising feathers or down	8/922	. Polyester fiber
5/951 5/052	Comprising plant derived material	8/923	Halopolyester
5/952 5/953	Comprising artificial fiber  Comprising attractive live defined from metarial or	8/924	Polyamide fiber  Assemblia polyamida
3/933	<ul> <li>Comprising structurally defined foam material or configuration</li> </ul>	8/925 8/926	Aromatic polyamide
5/954	• Fireproof	8/920	<ul><li>. Polyurethane fiber</li><li>. Polyacrylonitrile fiber</li></ul>
3/754	· Theproof	8/928	Polyolefin fiber
Compound 1	tools	8/929	Carpet dyeing
_		8/93	Pretreatment before dyeing
7/00	Compound tools	8/931	Washing or bleaching
7/90	Resilient pivot	8/932	Specific manipulative continuous dyeing
7/901	. Magnetic feature	8/933	Thermosol dyeing, thermofixation or dry heat
Rleaching a	nd dyeing; fluid treatment and chemical modification	0/733	fixation or development
of textiles ar		8/934	High temperature and pressure dyeing
		8/935	Immunization as a resist in dyeing
8/00	Bleaching and dyeing; fluid treatment and	8/936	Solubility studies on dyes
0/01	chemical modification of textiles and fibers	8/937	. Li ion in dye bath
8/01	Silicones	8/938	• Solvent dyes
8/02	Vinyl sulfones and precursors thereof     Swalling and stretching	8/939	Naphtholactam dye
8/03	Swelling and stretching  Polyanter fibers		•
8/04 8/05	<ul><li>Polyester fibers</li><li>Organic titanium compounds on textiles</li></ul>	Boot and she	oe making
	Resin bleach	12/00	Boot and shoe making
8/06 8/08	Oxirane	12/00	Lasting machines, fluid-actuated
8/08 8/09	Oxirane     Polyolefin	12/01	<ul> <li>Lasting machines, fluid-actuated</li> <li>Lasting machines, dash pots</li> </ul>
8/09 8/10	<ul> <li>Polyvinyl halide esters or alcohol fiber modification</li> </ul>	12/02	Lasting machines, dash pots     Jigging
8/10	Isocyanate and carbonate modification of fibers	12,03	ooo
8/12	Wave energy treatment of textiles	Brushing, so	rubbing, and general cleaning

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15/00

15/01

8/12

8/13

8/14

. Wave energy treatment of textiles

• Dry mixtures of textile reagents

. Cyanoethylation of fibers

. Rechargeable batter

Brushing, scrubbing, and general cleaning

15/02	Car cleaning plants	16/40 . Attaching means
15/03	• Matrix	16/41 • Coupling, e.g. handle, rod, shaft
15/04	• Ferrules	16/42 . Miscellaneous methods
15/05	Varied length bristle	16/43 • Hinge mounting bracket
15/06	Varied composition bristle	16/90 . Handle with angularly adjustable component
15/07	. Driers	16/901 • Handle with manipulation thereof by human body
15/08	Dust bags and separators	part other than the hand
15/09	Dust mop cleaners	16/902 • Unitary handle composed of different cooperating
15/10	<ul> <li>Handles, reels and switches</li> </ul>	materials
15/11	<ul> <li>Indicators</li> </ul>	16/903 • Handle with diverse art enhancement, e.g.
15/12	Tape head cleaner	illuminator, heater
15/13	Magnetic tape cleaner	16/904 • Handle means having sanitary characteristic, e.g. to
15/14	Phonograph record cleaner	prevent transmission of germs
15/15	• Moisture responsive	16/905 Toilet seat lifter
	•	16/906 • Light handle cover
<b></b> 11		

<u>Miscellaneous hardware, e.g. bushing, carpet fastener, caster, door closer, panel hanger, attachable or adjunct handle, hinge, window sash balance</u>

16/00	Miscellaneous hardware, e.g. bushing, carpet fastener, caster, door closer, panel hanger, attachable or adjunct handle, hinge, window sash
4.404	balance
16/01	Overhead door
16/02	Paint guard, kick guard
16/03	. Holddown
16/04	. Mirror mount
16/05	Push and pull bar
16/06	. Anti-rattle
16/07	<ul> <li>Door opening apparatus</li> </ul>
16/08	• Weights
16/09	<ul> <li>Hydraulic actuated checks, closers</li> </ul>
16/10	<ul> <li>Spring actuated checks and closers</li> </ul>
16/11	Fireplace screen
16/12	<ul> <li>Hand grips, preformed and semi-permanent</li> </ul>
16/13	• Plastic hinge
16/14	Magnetic hinge
16/15	Battery handles
16/16	<ul> <li>Window brakes, counterbalances</li> </ul>
16/17	<ul> <li>Checks and closers, holding means</li> </ul>
16/18	<ul> <li>Composition handles</li> </ul>
16/19	Cast or molded handles
16/20	. Door brakes, e.g. track or guideway
16/21	. Checks, closers, check valve construction
16/22	Expansion bolt
16/23	. Reversible
16/24	Handle fastening means
16/25	Handle fastening means, clamp band
16/26	Headlight hinge
16/27	. Bearings
16/28	Mattress handle
16/29	<ul> <li>Nesting hinge leaves</li> </ul>
16/30	Knob, control lever
16/31	• Pulley, e.g. door guides and hangers
16/32	• Door latch
16/33	Rubber sleeve bearings and hinges
16/34	Eccentric adjustments
16/35	Skidways
16/36	• Spring
10/00	· ~r

. Lawn mower type tongue and cross  $\mbox{\sc arm}$ 

16/37

16/38

16/39

. Nut lock

. Adjustment means

#### **Buckles**, buttons, clasps

Buckles, but	tons, clasps
24/00	Buckles, buttons, clasps
24/08	• Paper clips
24/09	Sheet material
24/10	Wire
24/11	• Adhesive
24/13	Weighted clip or clamp
24/16	Multiflex strap
24/17	Multiflex axial
24/22	. Jaw structures, teeth
24/26	Fluid pressure
24/28	Co-planar flat clip
24/29	Laundry device
24/30	Separable-fastener or required component thereof
24/31	• with third, detached member completing interlock
24/32	And linking cavities in adjacent parallel panels
24/33	Third member includes independently engaged
	hooks for linking spaced cavities
24/34	And movably connected, noninserted gate
	for closing access throat of hook
24/35	Third member includes relatively movable,
	separate components
24/36	• • • for parachute harness
24/37	Third member consists of unitary elongated
	element
24/38	Each mating member having similarly shaped,
24/20	sized, and operated interlocking face
24/39	including elongated face having identical,
24/40	parallel cross sections throughout its length
24/40	<ul> <li>including elongated face having varying, parallel cross sections throughout its length</li> </ul>
24/41	including complementary shaped and
24/41	alternately useable interlocking faces
24/42	Single piece hook-shaped member, e.g. mating
,	garment hooks
24/43	including member having distinct formations and
	mating member selectively interlocking therewith
24/44	Formations positioned along wall forming
	mating-member-guiding cavity
24/45	Formations member having movably
	attached or biased interlocking structure
24/46	Formations member having movably attached
	or biased interlocking structure
24/47	Selectively interlocking member having
	movably attached or biased interlocking
	component

Buckles, buttons, clasps Y10S

24/48	And cavity for guiding movement of	29/012 . Method or apparatus with electroplating
	formations	29/013 • Method or apparatus with electric heating
24/49	having mounting means allowing repositioning	29/014 • Method or apparatus with enameling
	of member for facilitating interlock	29/015 • forming article on end of long stock and then cuttin
24/50	including member having elongated, resilient,	off
	interlocking face with identical, parallel cross-	29/016 • Method or apparatus with etching
24/51	sections throughout its length . including receiving member having cavity and	29/017 . Method or apparatus with making flow lines;
24/31	mating member having insertable projection	crystals
	guided to interlock thereby	29/018 • Method or apparatus with forging
24/52	having divergent interlock means distinct from	29/019 • Method or apparatus with grinding
2 ., 52	cavity or projection of its member	29/02 • Method or apparatus for double blank
24/53	Projection or cavity rotates about axis of cavity	29/021 • Method or apparatus for heating
	access opening to interlock	29/022 • Method or apparatus using indium
24/54	having projection rotatably connected to its	29/023 • Method or apparatus with knurling
	member	<ul> <li>29/024 . Method or apparatus with local heating</li> <li>29/025 . Method or apparatus with particular material</li> </ul>
24/55	And operator therefor	29/026 • Method or apparatus with machining
24/56	And position locking-means therefor	29/027 • Method or apparatus with machining 29/027 • Method or apparatus using magnesium
24/57	including notch or hump on projection	29/028 • Magnetic recording digest
	axially biased by spring	29/029 • Molding with other step
24/58	including radially biased element	29/03 • Ornamenting with other step
	engaging against relatively rotating	29/031 • Pressing powder with other step
24/59	surface at connection	29/032 • Rolling with other step
24/39	<ul><li> And spring for axially biasing projection</li><li> Receiving member includes either movable</li></ul>	29/033 • Scoring with other step
24/00	connection between cavity components or	29/034 • Scaling with other step
	variable configuration cavity	29/035 • Sealing with other step
24/9001	Shirt collar holders	29/036 • Shot blasting with other step
24/901	Penetrating-type paper fastener	29/037 • Stamping with other step
24/902	• Tufting button fastener	29/038 • Spot welding with other step
24/903	Armpit shield fastener	29/039 • Spraying with other step
24/904	. Glove fastener	29/04 • Strips of repeated articles - cut up later
24/905	• Watch chain fastener, e.g. swivel hook	29/041 • Taper tube making
24/906	Fastener for attaching band to watch or similar	29/042 • Tension applied during working
	article, e.g. name plate	29/043 • Upsetting and flanging tube end
24/907	<ul> <li>Plastic hook</li> </ul>	29/044 . Vacuum
24/908	<ul> <li>Fishline supported attachment hook</li> </ul>	29/045 • Titanium
24/909	<ul> <li>Winders for flexible material</li> </ul>	29/046 • Vibration
24/91	. One-piece	29/047 • Extruding with other step
TF 4*1 1 - 4	1. (° - 1.1.)	29/048 • Welding with other step
Textiles: clot	<u>n imisning</u>	29/049 • Work hardening with other step
26/00	Textiles: cloth finishing	29/05 • Cutting fluid application and debris control
26/01	<ul> <li>Edge and/or uncurling; stiffening</li> </ul>	29/051 • Power stop control for movable element
		29/052 . Chip breaker
<u>Undertaking</u>		29/053 • Workpiece and debris separator
27/00	Undertaking	29/054 • Fluid control interrelated with machine tool
27/01	Coffin lid fasteners	mechanism
		29/055 . with cutter drive 29/056 . with shield or hood movements
Metal worki	<u>ng</u>	29/056 • with shield or hood movements 29/057 • with cutter feed
29/00	Metal working	29/059 • Hood actuated by tool or work approach
29/001	Method or apparatus involving adhesive	29/06 • Progressive displacement of hood
29/002	Method or apparatus using aluminum	29/061 • Plural-type debris removers
29/003	Method or apparatus with bending	29/062 . Rubbing transfer of solid coating to rotating elemer
29/004	Method or apparatus with brazing	29/063 • Fluid conveyor or applicator
29/005	Method or apparatus with casting	29/064 • Ambulatory cutter with fluent conduit
29/006	Method or apparatus with centrifugal casting	29/065 • Cutter contained supply reservoir
29/007	Method or apparatus with cleaning	29/066 • Fluid flow to channeled cutter
29/008	<ul> <li>Method or apparatus with composite casting</li> </ul>	29/067 • Rotating cutter
29/009	<ul> <li>Method or apparatus with cup formed and bottom</li> </ul>	29/068 • Hollow spindle contains
	removed	29/069 • Fluid spreader contacts cutter
29/01	. Method or apparatus with die casting	29/07 . Rotary or oscillating fluid applicator
29/011	<ul> <li>Method or apparatus with drawing</li> </ul>	• • •

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Metal working Y10S

29/071	Complete immersion of cutter	33/07	Ribbon and wires
29/072	<ul> <li>Dip or splash supply</li> </ul>	33/08	• Eccentrics
29/073	. Chain or belt conveyor	33/09	Rectangular proportioner
29/074	Partial immersion of cutter	33/10	• Outlet box
29/075	Adjustable liquid level	33/11	. Materials
29/076	Movable liquid-carrying trough	33/12	Mechanical expedients
29/077	• with separator or filter	33/13	• Wire and strain gauges
29/078	. Air blast and/or vacuum conveyor	33/14	Spline and gear
29/079	Removable debris receptacle	33/15	Piston position indicator
29/081	. Gas as a conveyor	33/16	. Clips and rafters
29/082	. Air current generated by cutter	33/17	Piston ring and bearing race gauging
29/083	• Fan coaxial with cutter	33/18	• Flush pin gauges
29/084	• Vacuum exhaust type	33/19	• Thermal expansive
29/085	with fluid control valve	33/20	. Tile
29/086 29/087	Hood encased cutter  Multiple fluid notes	33/21	• with laser
	. Multiple fluid paths	Drying and g	gas or vapor contact with solids
29/088 29/089	<ul><li>by projecting, squirting or dripping</li><li>Gas entrained liquid supply</li></ul>		
29/089	Gas entrained riquid suppry     Elevated tank supply	34/00	Drying and gas or vapor contact with solids
29/09	Plural discharge openings	34/01	<ul> <li>Absorbents and adsorbents</li> </ul>
29/091	Fluid channel in cutter	Poots shoos	and loggings
29/093	Plural discharge loci	Doors, snoes,	and leggings
29/094	Debris remover, catcher, or deflector	36/00	Boots, shoes, and leggings
29/095	Magnetic or electrostatic	36/01	• Cement
29/096	Mechanical removal assistant	36/02	• Plastic
29/097	Cutter engaging cleaner	<b>.</b>	
29/098	Rotating, reciprocating or oscillating cleaner	<b>Excavating</b>	
29/099	Flexible conveyor	37/00	Excavating
29/10	Screw or cam conveyor	37/901	Bucket cleaners
29/101	• Pan, bed, or table	37/902	Hydraulic motors
29/102	• Debris chute	37/903	Scoop or scraper attachments
29/104	Tool or work attached	37/904	<ul> <li>Vibration means for excavating tool</li> </ul>
29/105	Assembly, magnetic, or indicia tool	37/905	. Nondredge excavating by fluid contact or explosion
29/90	• Methods and apparatus for assembly by electrostatic	37/906	<ul> <li>Visual aids and indicators for excavating tool</li> </ul>
	attraction	37/907	<ul> <li>Automatic leveling excavators</li> </ul>
29/901	Balancing method	37/908	<ul> <li>Canal cleaners</li> </ul>
29/902	Filter making		
29/903	Firearm bolt making	Textiles: iroi	ning or smoothing
29/904	<ul> <li>Laminated metal article making</li> </ul>	38/00	Textiles: ironing or smoothing
29/905	<ul> <li>Making coil wound wall screen</li> </ul>	38/01	Paired leg boards
29/906	<ul> <li>Nuclear device making</li> </ul>	38/02	. Leg structure
C-41		38/03	. Leg latch
<u>Cutlery</u>			
30/00	Cutlery	Card, pictur	e, or sign exhibiting
30/01	<ul> <li>Rechargeable battery operated</li> </ul>	40/00	Card, picture, or sign exhibiting
30/02	• Dry shavers	40/90	Mirror that has changing effect
30/03	• Envelope openers	40/901	Tv/radio program indicator
30/04	• Explosive	40/902	<ul> <li>Circuit control, e.g. flashing light</li> </ul>
30/05	. Lawn edgers	40/903	<ul> <li>Reflective triangle for highway use</li> </ul>
30/06	Resilient means	40/904	Map or chart holder
30/07	Sprinkler and cutter	40/905	Pen and pencil
30/08	Seam rippers	40/906	. Sound
Coomotuical	instruments	40/907	• Out-to-lunch
Geometrical	instruments	40/908	<ul> <li>Animal or fur skin identification</li> </ul>
33/00	Geometrical instruments	40/909	Storage battery identification
33/01	• Magnetic	40/91	Automobile license identification
33/02	. Air	40/911	<ul> <li>Automobile body identification</li> </ul>
33/03	• Photoelectric	40/912	Automobile motor identification
33/04	. Interferometer	40/913	• Tool identification
33/05	Differential transformer	40/914	Nuclear fuel element identification
33/06	. Dial indicator shock absorber		

40/915 . Golf club identification Static structures, e.g. buildings 52/00 Static structures, e.g. buildings **Firearms** 52/01 . Hand tools for assembling building components 42/00 **Firearms** 52/02 . Masonry lattice or openwork 42/01 . Release trigger 52/03 . Trailer or mobile home skirt . Magnetic connecting means for building 52/04 Fishing, trapping, and vermin destroying components 52/05 43/00 . Designed for thermal distortion Fishing, trapping, and vermin destroying 52/06 Toothed connecting means 43/90 . Liquid insecticide sprayer 52/07 Synthetic building materials, reinforcements and Fuel and related compositions equivalents 52/08 Imitation beams 44/00 Fuel and related compositions 52/09 Structure including reclaimed component, e.g. trash 44/901 . Fuel combined with material to be heated 52/10 Polyhedron 44/902 . Flameless or glowless, e.g. hair curler 52/11 . Mobile-structure stabilizing anchor 44/903 . Method including measuring, testing or automatic . Temporary protective expedient 52/12 52/13 . Hook and loop type fastener 44/904 . Method involving electric or wave energy 52/14 . Shelter shaped to article configuration 44/905 . Method involving added catalyst 52/15 Seal for corrugated sheets 52/16 Roofing with pressure sensitive adhesive, e.g. **Plant husbandry** shingle 47/00 Plant husbandry 52/17 with transparent walls or roof, e.g. sunroom 47/01 . Methods of plant-breeding and including 52/90 Hazardous material permeation prevention, e.g. chromosome multiplication radon 47/03 . Propagation of plant by cuttings 47/06 • Plant growth regulation by control of light thereon Package making 47/08 Treatment of plants and seeds with radioactive 53/00 Package making energy 53/01 . Bacon and franks packaging 47/09 . Physical and chemical treatment of seeds for 53/02 High frequency electric sealing planting 53/03 Sealing electron tubes 47/10 Physical and chemical treatment of agricultural soils 53/90 . Capsules 47/11 The application of protective coatings to plants 47/12 Sonic or ultrasonic treatment Gas separation 47/901 Plant container with flats, filling, planting, or 55/00 conveying Gas separation 47/902 including a recycled component, e.g. tires 55/01 Graduated electrostatic field 47/903 Operator means for cold frame or window 55/02 Vacuum cleaner bags 47/904 Openwork container for a growing medium, e.g. 55/03 Vacuum cleaner wire basket 55/05 . Methods of making filter 47/905 To remediate contaminated soil 55/06 . Magnetic couplings 55/07 Black liquor treatment Gas: heating and illuminating Built-in vacuum cleaners 55/08 55/09 Radioactive filters 48/00 Gas: heating and illuminating 55/10 Residue burned 48/01 Recirculation of gases produced to lower part of 55/12 Pocket type filter fuel bed . Slagging producer 48/02 55/13 Polyurethane filters 55/14 Inertia separator 48/03 . High pressure 48/04 55/15 . Cold traps . Powdered fuel injection . Compressed air water removal 48/05 . Diffusion membrane for gas reaction or separation 55/17 48/06 . Underground gasification of coal 55/18 . Work bench 48/07 55/19 . Crankcase ventilation Slurry 48/08 Internal combustion engine for gas making 55/20 Spark arrester 55/21 Silencer cleaner 48/09 Solar gasification 55/23 Computer resisted control Steam separators 48/1055/24 Viscous coated filter Movable or removable closures 55/25 Agglomerators 55/26 Bag coupling 49/00 Movable or removable closures 55/27 . Cleaners, liquid 49/01 . Thermal breaks for frames 55/28 . Carburetor attached 49/02 . Plastic frame components 55/29 . Air curtains 55/30 . Exhaust treatment . Filter frame 55/31

Gas separation Y10S

•			
55/32	. Gaseous fluid conveying	60/90	. Excess air to internal combustion engine to assist
55/33	. Gas mask canister	40.40.4	exhaust treatment
55/34	Indicator and controllers	60/901	Exhaust treatment special to rotary internal combustion engines
55/35	Respirators and register filters	60/902	Rotary reactor, separator or treater of exhaust of an
55/36	. Kitchen hoods	00/902	internal combustion engine
55/37 55/38	. Louvers Typylor collector electrode	60/903	Closures operators
55/39	Tubular collector electrode  Electrote generator	60/904	Propeller or air plane system
55/42	Electrets separator     Foam filter materials	60/905	• Winding and reeling
55/43	Knitted filter mediums	60/906	• Engine speed responsive throttle control system
55/44	Pile and pile-type filter mediums	60/907	• Working member positioned against counterforce
55/45	Woven filter mediums		by constantly applied motive fluid
55/46	Spray booths	60/908	<ul> <li>Washing machine system</li> </ul>
Harvesters	· Spirit cooking	60/909	Reaction motor or component composed of specifi material
Hai vesters		60/91	• Free piston
56/00	Harvesters	60/911	• Fluid motor system incorporating electrical system
56/01	. Crusher	60/912	Cooling means
56/02	. Methods	60/913	Collection of reggio patents
56/03	. Ground effect	60/914	• Explosive
56/04	• Friction drive	60/915	Collection of goddard patents
56/05	• with material distribution	60/916	Unitary construction
56/06	Clutches and gearing	60/917	<ul> <li>Solid fuel ramjet using pulverized fuel</li> </ul>
56/07	Remote control implement		
56/08	Air gathering	<u>Refrigeration</u>	<u>n</u>
56/09	Detachable implement	62/00	Refrigeration
56/10 56/11	Uneven terrain compensation  Undersalia	62/01	Radiant cooling
56/11 56/12	. Hydraulic . Brush	62/02	. Refrigerant pumps
56/12 56/13	Bermuda grass cutters	62/05	<ul> <li>Aircraft cooling</li> </ul>
56/14	Hitch	62/07	Vacuum plates
56/15	Condition responsive	62/10	<ul> <li>Tool cooling</li> </ul>
56/16	Movable cutter without stationary cutter bar	62/11	Hydrator receptacles
56/17	Cutter details	62/13	<ul> <li>Insulation</li> </ul>
56/18	. Handles	62/16	<ul> <li>Roof and ceiling located coolers</li> </ul>
56/19	Beaters and wipers	62/17	<ul> <li>Condenser pressure control</li> </ul>
56/20	Blades, reels and guards	62/19	<ul> <li>Ionic thompson effect</li> </ul>
56/21	• Raking and windrowing	62/20	Materials used to prevent corrosion in refrigeration
56/22	Underslung yieldable rotary mower		system
56/23	• Dehydrating	62/21	• Evaporators where refrigerant covers heat exchange
56/24	Harvester guards	(2/22	coil
	C	62/22 62/23	Free cooling
<b>Textiles: spin</b>	nning, twisting, and twining	62/90	<ul><li>Explosive digest</li><li>Triple column</li></ul>
57/00	Textiles: spinning, twisting, and twining	62/901	Single column
57/901	Antistatic	62/902	Apparatus
57/902	Reinforcing or tire cords	62/903	Heat exchange structure
57/903	. Sewing threads	62/904	Coiled heat exchanger
57/904	• Flame retardant	62/905	Column
57/905	Bicomponent material	62/906	Packing
57/906	Line appliances	62/907	Insulation
57/907	• Foamed and/or fibrillated	62/908	. Filter or absorber
57/908	Jet interlaced or intermingled	62/909	. Regeneration
	Ç .	62/91	Expander
Chain, staple	e, and horseshoe making	62/911	. Portable
59/00	Chain, staple, and horseshoe making	62/912	External refrigeration system
59/90	Plastic	62/913	. Liquified gas
59/901	· Cross pin	62/914	Magnetic or electric field
->,>01	· · · · · · · · · · · · · · · · · ·	62/915	. Combustion
	•	62/916	Explosion reduction
Power plants	<u>S</u>	02/710	· Empression reduction
		62/917	. Mercury
Power plants 60/00	Power plants		

Refrigeration Y10S

62/92	Carbon monoxide	70/09	Pawl and ratchet lock
62/921	• Chlorine	70/10	Thermally controlled
62/922	. Sulfur	70/11	Garage door lock
62/923	. Inert gas	70/12	. Extension link with detachable link fastener
62/924	Argon	70/13	Socket-key lock
62/925	Xenon or krypton	70/14	<ul> <li>insertable permanent key</li> </ul>
62/926	. Gasoline	70/15	Plug with tumbler retainer
62/927	<ul> <li>Natural gas from nitrogen</li> </ul>	70/16	<ul> <li>Jail door lock</li> </ul>
62/928	<ul> <li>Recovery of carbon dioxide</li> </ul>	70/17	Check-key lock
62/929	From natural gas	70/18	<ul> <li>Revolving door lock</li> </ul>
62/93	From nitrogen	70/19	Showcase lock
62/931	<ul> <li>Recovery of hydrogen</li> </ul>	70/20	<ul> <li>Push to project and lock bolt, key-released</li> </ul>
62/932	From natural gas	70/21	<ul> <li>Permutation, rotatable-segemental tumbler bolts</li> </ul>
62/933	From helium	70/22	. Segmental tumbler
62/934	. From nitrogen	70/23	Segmental slot in tumbler cooperating with a pin
62/939	Partial feed stream expansion, air	70/24	. Curved slot in tumbler
62/94	High pressure column	70/25	Peripheral pin on tumbler
<u>Jewelry</u>		70/26	. Locking lug on bolt
<u>sewelly</u>		70/27	Manually locked, key-released
63/00	Jewelry	70/28	• Fence tumbler
63/01	Adhesive jewelry	70/29	• Wedge tumbler
63/02	Perfumed jewelry	70/30	. Switch lock
63/03	• Plastic jewelry	70/31 70/32	<ul> <li>Handle assembly, lock-controlled</li> <li>Positioners</li> </ul>
63/90	Magnetic connector	70/32	
Glass manuf	Casturing	70/33 70/34	<ul><li>Starting point</li><li>Cover fasteners</li></ul>
Glass manu	ractur mg	70/34	Double-ended lock cylinder
65/00	Glass manufacturing	70/35	Spring-returned lock cylinder
65/01	. Lens envelope	70/37	Cylinder lock, multiple tumbler arrangements
65/03	Cracked glass	70/37	Cylinder lock, indusple tumbler arrangements     Cylinder lock, lateral keyhole
65/04	. Electric heat	70/39	Cylinder and knob connection
65/05	• Foil glass	70/40	Cylinder lock utilizing sheet metal
65/06	. Glass electrode	70/41	Coin-controlled
65/08	• Quartz	70/42	Lost motion devices
65/09	. Tube	70/43	<ul> <li>Lock protectors</li> </ul>
65/10	. Stemware	70/44	Combination changers
65/11	• Encapsulating	70/45	. Time lock and auxiliary lock operable on failure of
65/12	Reed switch		time lock
65/13	Computer control	70/46	Conducting key
65/15 65/16	<ul> <li>Nonoxygen containing chalogenides</li> <li>Optical filament or fiber treatment with fluorine</li> </ul>	70/47	<ul> <li>Laterally movable key</li> </ul>
03/10	or incorporating fluorine in final product	70/48	Fluid pressure lock
65/90	Drying, dehydration, minimizing oh groups	70/49	• with alarm
65/901	<ul> <li>Liquid phase reaction process</li> </ul>	70/50	Time lock, fluid-controlled
22/	<b>1</b>	70/51	Light sensitive control means
Textiles: flui	id treating apparatus	70/52	• Over center spring
68/00	Textiles: fluid treating apparatus	70/53	Adjustable spring
68/90	Foam treatment	70/54	Double-ended spring
68/901	High frequency treatment	70/55	• Unitary multiple springs
68/902	Devices for storage and reuse of soap suds	70/56 70/57	Lock protecting cover  Sorony gword
68/903	Perforated drum and continuous textile feed and	70/57 70/58	<ul><li>Screw guard</li><li>Handle guard</li></ul>
00,702	discharge	70/58 70/59	<ul><li>Lock with indicator</li></ul>
		70/60	Opposed cylinders
<b>Locks</b>		70/61	Die cast cylinder
70/00	Locks	70/62	Cylinder plug stop
70/01	Tumbler registerable with aperture	70/63	Multiple locks
70/02	Tumbler legisletable with aperture     Tumbler, lateral locking	70/64	Door spanning bolt
70/05	Magazine cylinder and pin tumblers	70/65	Double door lock
70/06	Bolt dogged in retracted position	70/66	Double-ended bolt
70/07	Sleeve with embeddable tooth	70/67	Handle-contained latch operator
70/08	. Closure-operator lock	70/68	Oblique bolt

Locks			Y10S
70/69	Floating bolt	Machine ele	ment or mechanism
70/70	. Geneva stop	74/00	Machine element or mechanism
70/71	<ul> <li>Combined permutation and key lock</li> </ul>	74/01	Hydraulic control systems automatic automotive
70/72	. Telephone lock	, ,, 01	controls
70/73	Thumb latch operator	74/02	• Miscellaneous control systems, e.g. ship propulsion,
70/74	Spring tumbler		machine tools
70/75	Adjustable tumbler	74/03	Movable van or blade torque converters
70/76	Manually operated tumbler	74/04	Magnetic gearing
70/77	. Jaw tumblers	74/05	Gas turbine with gearing
70/78	Sliding and oscillating bolt	74/06	Transistor-electronic gearing controls
70/79	Sliding and rotary bolt	74/07	<ul> <li>Indicators-sensors and meters</li> </ul>
70/80	Sliding bolt with sliding operating means	74/08	<ul> <li>Marine control-ship transmission control means</li> </ul>
70/81	. Camouflaging means	74/09	Perpetual motion gimmicks
Chemistry:	fortilizars	74/10	<ul> <li>Polymer digest - plastic gears</li> </ul>
<u>Chemistry.</u>		74/11	Creeper speed
71/00	Chemistry: fertilizers	74/12	<ul> <li>Novikov gears</li> </ul>
71/02	. Chelating agent	74/90	Particular shift pattern
71/03	<ul> <li>Defluorination</li> </ul>		
71/04	<ul> <li>Anti-corrosion</li> </ul>		metallurgical processes, compositions for use therein,
71/90	• Foams	<u>consolidated</u>	metal powder compositions, and loose metal
			• • • • • • • • • • • • • • • • • • • •
71/901	Refuse conditioning	particulate r	<u>mixtures</u>
71/901 71/902	<ul><li>Refuse conditioning</li><li>Nitrification inhibition</li></ul>	<u>particulate r</u> 75/00	nixtures  Specialized metallurgical processes, compositions
	_	_	Specialized metallurgical processes, compositions for use therein, consolidated metal powder
71/902	Nitrification inhibition	_	Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures
71/902 71/903	<ul><li>Nitrification inhibition</li><li>Soil conditioner</li><li>Carrier</li></ul>	_	Specialized metallurgical processes, compositions for use therein, consolidated metal powder
71/902 71/903 71/904 <b>Metal defor</b>	<ul> <li>Nitrification inhibition</li> <li>Soil conditioner</li> <li>Carrier</li> </ul> ming	75/00	Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures  Consolidated metal powder compositions of >95%
71/902 71/903 71/904 <b>Metal defor</b> <b>72/00</b>	<ul> <li>Nitrification inhibition</li> <li>Soil conditioner</li> <li>Carrier</li> </ul> ming Metal deforming	<b>75/00</b> 75/95	Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures  Consolidated metal powder compositions of >95% theoretical density, e.g. wrought
71/902 71/903 71/904 <b>Metal defor</b>	<ul> <li>Nitrification inhibition</li> <li>Soil conditioner</li> <li>Carrier</li> <li>ming</li> <li>Metal deforming</li> <li>Deforming specified alloys or uncommon metal or</li> </ul>	<b>75/00</b> 75/95 75/951	Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures  Consolidated metal powder compositions of >95% theoretical density, e.g. wrought  Oxide containing, e.g. dispersion strengthened
71/902 71/903 71/904 <b>Metal defor</b> <b>72/00</b> 72/70	<ul> <li>Nitrification inhibition</li> <li>Soil conditioner</li> <li>Carrier</li> <li>ming</li> <li>Metal deforming</li> <li>Deforming specified alloys or uncommon metal or bimetallic work</li> </ul>	<b>75/00</b> 75/95  75/951  75/952	<ul> <li>Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures</li> <li>Consolidated metal powder compositions of &gt;95% theoretical density, e.g. wrought</li> <li>Oxide containing, e.g. dispersion strengthened</li> <li>Producing fibers, filaments, or whiskers</li> </ul>
71/902 71/903 71/904 <b>Metal defor</b> <b>72/00</b> 72/70	<ul> <li>Nitrification inhibition</li> <li>Soil conditioner</li> <li>Carrier</li> <li>ming</li> <li>Metal deforming</li> <li>Deforming specified alloys or uncommon metal or bimetallic work</li> <li>Preventing distortion</li> </ul>	75/00 75/95 75/951 75/952 75/953	Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures  Consolidated metal powder compositions of >95% theoretical density, e.g. wrought  Oxide containing, e.g. dispersion strengthened Producing fibers, filaments, or whiskers Producing spheres
71/902 71/903 71/904 <b>Metal defor</b> <b>72/00</b> 72/70 72/701 72/702	<ul> <li>Nitrification inhibition</li> <li>Soil conditioner</li> <li>Carrier</li> </ul> Metal deforming <ul> <li>Deforming specified alloys or uncommon metal or bimetallic work</li> <li>Preventing distortion</li> <li>Overbending to compensate for springback</li> </ul>	75/00 75/95 75/951 75/952 75/953 75/954	Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures  Consolidated metal powder compositions of >95% theoretical density, e.g. wrought  Oxide containing, e.g. dispersion strengthened Producing fibers, filaments, or whiskers Producing spheres Producing flakes or crystals
71/902 71/903 71/904 <b>Metal defor</b> 72/00 72/70 72/701 72/702 72/703	<ul> <li>Nitrification inhibition</li> <li>Soil conditioner</li> <li>Carrier</li> </ul> Metal deforming <ul> <li>Deforming specified alloys or uncommon metal or bimetallic work</li> <li>Preventing distortion</li> <li>Overbending to compensate for springback</li> <li>Knurling</li> </ul>	75/00 75/95 75/951 75/952 75/953 75/954 75/955	<ul> <li>Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures</li> <li>Consolidated metal powder compositions of &gt;95% theoretical density, e.g. wrought</li> <li>Oxide containing, e.g. dispersion strengthened</li> <li>Producing fibers, filaments, or whiskers</li> <li>Producing spheres</li> <li>Producing flakes or crystals</li> <li>Producing dental product</li> </ul>
71/902 71/903 71/904 <b>Metal defor</b> <b>72/00</b> 72/70 72/701 72/702 72/703 72/704	<ul> <li>Nitrification inhibition</li> <li>Soil conditioner</li> <li>Carrier</li> </ul> Metal deforming <ul> <li>Deforming specified alloys or uncommon metal or bimetallic work</li> <li>Preventing distortion</li> <li>Overbending to compensate for springback</li> <li>Knurling</li> <li>Camber-adjusting tool</li> </ul>	75/00 75/95 75/951 75/952 75/953 75/954 75/955 75/956	Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures  Consolidated metal powder compositions of >95% theoretical density, e.g. wrought  Oxide containing, e.g. dispersion strengthened Producing fibers, filaments, or whiskers Producing spheres Producing flakes or crystals Producing dental product Producing particles containing a dispersed phase Continuous refining of molten iron with concurrent production of iron and other desired
71/902 71/903 71/904 <b>Metal defor</b> <b>72/00</b> 72/70 72/701 72/702 72/703 72/704 72/705	<ul> <li>Nitrification inhibition</li> <li>Soil conditioner</li> <li>Carrier</li> </ul> Metal deforming <ul> <li>Deforming specified alloys or uncommon metal or bimetallic work</li> <li>Preventing distortion</li> <li>Overbending to compensate for springback</li> <li>Knurling</li> <li>Camber-adjusting tool</li> <li>Vehicle body or frame straightener</li> </ul>	75/00 75/95 75/951 75/952 75/953 75/954 75/955 75/956 75/957	Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures  Consolidated metal powder compositions of >95% theoretical density, e.g. wrought  Oxide containing, e.g. dispersion strengthened Producing fibers, filaments, or whiskers Producing spheres Producing flakes or crystals Producing dental product Producing particles containing a dispersed phase Continuous refining of molten iron with concurrent production of iron and other desired nonmetallic product, e.g. energy, fertilizer
71/902 71/903 71/904 Metal defor 72/00 72/70 72/701 72/702 72/703 72/704 72/705 72/706	<ul> <li>Nitrification inhibition</li> <li>Soil conditioner</li> <li>Carrier</li> </ul> Metal deforming <ul> <li>Deforming specified alloys or uncommon metal or bimetallic work</li> <li>Preventing distortion</li> <li>Overbending to compensate for springback</li> <li>Knurling</li> <li>Camber-adjusting tool</li> <li>Vehicle body or frame straightener</li> <li>Explosive</li> </ul>	75/00 75/95 75/951 75/952 75/953 75/954 75/955 75/956 75/957	Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures  Consolidated metal powder compositions of >95% theoretical density, e.g. wrought  Oxide containing, e.g. dispersion strengthened Producing fibers, filaments, or whiskers Producing spheres Producing flakes or crystals Producing dental product Producing particles containing a dispersed phase Continuous refining of molten iron with concurrent production of iron and other desired nonmetallic product, e.g. energy, fertilizer Thermit-type reaction of solid materials only to
71/902 71/903 71/904 <b>Metal defor</b> <b>72/00</b> 72/70 72/701 72/702 72/703 72/704 72/705	<ul> <li>Nitrification inhibition</li> <li>Soil conditioner</li> <li>Carrier</li> </ul> Metal deforming <ul> <li>Deforming specified alloys or uncommon metal or bimetallic work</li> <li>Preventing distortion</li> <li>Overbending to compensate for springback</li> <li>Knurling</li> <li>Camber-adjusting tool</li> <li>Vehicle body or frame straightener</li> <li>Explosive</li> <li>Magnetism</li> </ul>	75/00  75/95  75/951  75/952  75/953  75/954  75/955  75/956  75/957  75/958	Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures  Consolidated metal powder compositions of >95% theoretical density, e.g. wrought  Oxide containing, e.g. dispersion strengthened  Producing fibers, filaments, or whiskers  Producing spheres  Producing flakes or crystals  Producing dental product  Producing particles containing a dispersed phase  Continuous refining of molten iron  with concurrent production of iron and other desired nonmetallic product, e.g. energy, fertilizer  Thermit-type reaction of solid materials only to yield molten metal
71/902 71/903 71/904 <b>Metal defor 72/00</b> 72/70  72/701 72/702 72/703 72/704 72/705 72/706 72/707	<ul> <li>Nitrification inhibition</li> <li>Soil conditioner</li> <li>Carrier</li> </ul> Metal deforming <ul> <li>Deforming specified alloys or uncommon metal or bimetallic work</li> <li>Preventing distortion</li> <li>Overbending to compensate for springback</li> <li>Knurling</li> <li>Camber-adjusting tool</li> <li>Vehicle body or frame straightener</li> <li>Explosive</li> <li>Magnetism</li> <li>Reverse drawing</li> </ul>	75/00  75/95  75/951  75/952  75/953  75/954  75/955  75/956  75/957  75/958  75/959	Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures  Consolidated metal powder compositions of >95% theoretical density, e.g. wrought  Oxide containing, e.g. dispersion strengthened  Producing fibers, filaments, or whiskers  Producing spheres  Producing flakes or crystals  Producing dental product  Producing particles containing a dispersed phase  Continuous refining of molten iron  with concurrent production of iron and other desired nonmetallic product, e.g. energy, fertilizer  Thermit-type reaction of solid materials only to yield molten metal  in zero gravity environment
71/902 71/903 71/904 Metal defor 72/00 72/70 72/701 72/702 72/703 72/704 72/705 72/706 72/707 72/708 72/709	<ul> <li>Nitrification inhibition</li> <li>Soil conditioner</li> <li>Carrier</li> </ul> Metal deforming <ul> <li>Deforming specified alloys or uncommon metal or bimetallic work</li> <li>Preventing distortion</li> <li>Overbending to compensate for springback</li> <li>Knurling</li> <li>Camber-adjusting tool</li> <li>Vehicle body or frame straightener</li> <li>Explosive</li> <li>Magnetism</li> <li>Reverse drawing</li> <li>Superplastic material</li> </ul>	75/00  75/95  75/951  75/952  75/953  75/954  75/955  75/956  75/957  75/958	Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures  Consolidated metal powder compositions of >95% theoretical density, e.g. wrought  Oxide containing, e.g. dispersion strengthened  Producing fibers, filaments, or whiskers  Producing spheres  Producing flakes or crystals  Producing dental product  Producing particles containing a dispersed phase  Continuous refining of molten iron  with concurrent production of iron and other desired nonmetallic product, e.g. energy, fertilizer  Thermit-type reaction of solid materials only to yield molten metal  in zero gravity environment  Treating flue dust to obtain metal other than by
71/902 71/903 71/904 Metal defor 72/00 72/70 72/701 72/702 72/703 72/704 72/705 72/706 72/707 72/708 72/709 72/71	<ul> <li>Nitrification inhibition</li> <li>Soil conditioner</li> <li>Carrier</li> </ul> Metal deforming <ul> <li>Deforming specified alloys or uncommon metal or bimetallic work</li> <li>Preventing distortion</li> <li>Overbending to compensate for springback</li> <li>Knurling</li> <li>Camber-adjusting tool</li> <li>Vehicle body or frame straightener</li> <li>Explosive</li> <li>Magnetism</li> <li>Reverse drawing</li> <li>Superplastic material</li> <li>Vibrating</li> </ul>	75/00  75/95  75/951  75/952  75/953  75/954  75/955  75/956  75/957  75/958  75/959  75/96  75/961	Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures  Consolidated metal powder compositions of >95% theoretical density, e.g. wrought  Oxide containing, e.g. dispersion strengthened  Producing fibers, filaments, or whiskers  Producing spheres  Producing flakes or crystals  Producing dental product  Producing particles containing a dispersed phase  Continuous refining of molten iron  with concurrent production of iron and other desired nonmetallic product, e.g. energy, fertilizer  Thermit-type reaction of solid materials only to yield molten metal  in zero gravity environment  Treating flue dust to obtain metal other than by consolidation
71/902 71/903 71/904 Metal defor 72/00 72/70 72/701 72/702 72/703 72/704 72/705 72/706 72/707 72/708 72/709 72/71 72/711	<ul> <li>Nitrification inhibition</li> <li>Soil conditioner</li> <li>Carrier</li> </ul> Metal deforming <ul> <li>Deforming specified alloys or uncommon metal or bimetallic work</li> <li>Preventing distortion</li> <li>Overbending to compensate for springback</li> <li>Knurling</li> <li>Camber-adjusting tool</li> <li>Vehicle body or frame straightener</li> <li>Explosive</li> <li>Magnetism</li> <li>Reverse drawing</li> <li>Superplastic material</li> <li>Vibrating</li> <li>Hydrostatic extrusion</li> </ul>	75/00  75/95  75/951  75/952  75/953  75/954  75/955  75/956  75/957  75/958  75/959	Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures  Consolidated metal powder compositions of >95% theoretical density, e.g. wrought  Oxide containing, e.g. dispersion strengthened  Producing fibers, filaments, or whiskers  Producing spheres  Producing flakes or crystals  Producing dental product  Producing particles containing a dispersed phase  Continuous refining of molten iron  with concurrent production of iron and other desired nonmetallic product, e.g. energy, fertilizer  Thermit-type reaction of solid materials only to yield molten metal  in zero gravity environment  Treating flue dust to obtain metal other than by
71/902 71/903 71/904 Metal defor 72/00 72/70 72/701 72/702 72/703 72/704 72/705 72/706 72/707 72/708 72/709 72/71	<ul> <li>Nitrification inhibition</li> <li>Soil conditioner</li> <li>Carrier</li> </ul> Metal deforming <ul> <li>Deforming specified alloys or uncommon metal or bimetallic work</li> <li>Preventing distortion</li> <li>Overbending to compensate for springback</li> <li>Knurling</li> <li>Camber-adjusting tool</li> <li>Vehicle body or frame straightener</li> <li>Explosive</li> <li>Magnetism</li> <li>Reverse drawing</li> <li>Superplastic material</li> <li>Vibrating</li> </ul>	75/00  75/95  75/951  75/952  75/953  75/954  75/955  75/956  75/957  75/958  75/959  75/961  75/962	Specialized metallurgical processes, compositions for use therein, consolidated metal powder compositions, and loose metal particulate mixtures  Consolidated metal powder compositions of >95% theoretical density, e.g. wrought  Oxide containing, e.g. dispersion strengthened  Producing fibers, filaments, or whiskers  Producing spheres  Producing flakes or crystals  Producing dental product  Producing particles containing a dispersed phase  Continuous refining of molten iron  with concurrent production of iron and other desired nonmetallic product, e.g. energy, fertilizer  Thermit-type reaction of solid materials only to yield molten metal  in zero gravity environment  Treating flue dust to obtain metal other than by consolidation

Metal tools and implements, making

76/00

# $\mathbf{M}$

72/714

72/715

12/113	• Wethod of making can bodies		• ,
		76/01	<ul> <li>Bowling pin</li> </ul>
Measuring a	and testing	76/02	<ul> <li>Case hardening</li> </ul>
73/00	Measuring and testing	76/03	<ul> <li>Casting</li> </ul>
	5	76/04	• Chromium
73/01	. Vibration	76/05	Electric welding
73/02	<ul> <li>Magnetostrictive</li> </ul>	76/06	• Laminated
73/03	Hall effect	76/07	. Plastics
73/04	Piezoelectric		
73/05	<ul> <li>Liquid levels with magnetic transmission</li> </ul>	76/08	<ul> <li>Razor blade manufacturing</li> </ul>
73/08	Fluid circuits	76/09	<ul> <li>Razor blade sharpeners</li> </ul>
	V =	76/10	<ul> <li>Soldering and cooling</li> </ul>
73/09	Molten metal samplers	76/11	<ul> <li>Tungsten and tungsten carbide</li> </ul>
73/10	instrument mechanisms with acceleration	76/12	Diamond tools
<b>50/11</b>	compensation		
73/11	Photoelectric cell	Tools	
73/90	<ul> <li>Automatic gain control</li> </ul>		
73/901	Digital readout	81/00	Tools
	-	81/01	<ul> <li>Tool-support adjuncts</li> </ul>

. Method of making universal joint shell

. Method of making can bodies

81/02 . Spiral drive for wrenches

Tools Y10S

81/03	Wrenches, thread-adjustment lock	83/93	Radioactive
81/04	<ul> <li>Double adjustments, sliding jaw</li> </ul>	83/931	Tobacco
81/05	Wrench scales and indicia	83/932	Edible
81/06	Spring means biasing wrench jaws	83/933	Book, being destroyed, e.g. cover being cut away
81/07	Bicycle spoke or nipple wrench	83/934	Book, being made, e.g. trimming a signature
81/08	Crowfoot-type wrenches	83/935	Endless band
81/09	<ul> <li>Pivoted jaw latch means</li> </ul>	83/936	Cloth or leather
81/10	Iris-type wrench head	83/937	From continuous or wound supply
81/11	Adapters for different-sized fasteners	83/938	Moving cloth or leather
81/12	. Power hammer	83/939	with work support
81/90	<ul> <li>Wrench or screwdriver constructed from specific material</li> </ul>	83/94	Cutter moves along bar, bar moves perpendicularly
81/901	. Wrench or screwdriver adapted to turn eye screw	83/941	• • • • Work support comprising penetratable bed
Tumina		83/942	Contact pin of electrical component
<u>Turning</u>		83/943	Pallet
82/00	Turning	83/944	Syringe needle
82/90	Lathe thermal regulation	83/945	Separating connected articles
82/901	. Chip removal	83/946	Container
82/902	Oil grooving device	83/947	• insulation about wire
82/903	Balancing and centering	83/948	• • having "memory", e.g. photographic or magnetic
82/904	Vibrating method or tool		film
82/905	Transmission accessory or control	83/949	Continuous or wound supply
	•	83/95	Strandlike
<b>Cutting</b>		83/951	Rubber tire
83/00	Cutting	83/952	Moving work
	Cutting  Sefety devices	83/953	• • with work support
83/01	Safety devices	83/954	Knife changing
83/02	I-shaped beam cutter  Inflate to be a second cutter.  Inflate to be a second cutter.	83/955	• Cutter edge shiftable to present different portion of
83/03	• Inflatable tube		edge
83/901	Apparel collar making	83/956	• Ultrasonic
83/902	Attachments for other types of machine  Bettern grid trippening	N/	
83/903	Battery grid trimming	Music	
83/903 83/904	<ul><li>Battery grid trimming</li><li>Book index cutting</li></ul>	Music 84/00	Music
83/903 83/904 83/905	<ul><li>Battery grid trimming</li><li>Book index cutting</li><li>Buttonhole making</li></ul>	·	
83/903 83/904 83/905 83/906	<ul><li>Battery grid trimming</li><li>Book index cutting</li><li>Buttonhole making</li><li>Chip making</li></ul>	84/00	Music  Plural speakers  Preference networks
83/903 83/904 83/905 83/906 83/907	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> </ul>	<b>84/00</b> 84/01	• Plural speakers
83/903 83/904 83/905 83/906 83/907 83/908	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> </ul>	<b>84/00</b> 84/01 84/02	<ul><li>Plural speakers</li><li>Preference networks</li></ul>
83/903 83/904 83/905 83/906 83/907	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or</li> </ul>	<b>84/00</b> 84/01 84/02 84/03	<ul><li>Plural speakers</li><li>Preference networks</li><li>Foldable; detachable; collapsible</li></ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> </ul>	<b>84/00</b> 84/01 84/02 84/03 84/04	<ul><li>Plural speakers</li><li>Preference networks</li><li>Foldable; detachable; collapsible</li><li>Chorus; ensemble; celeste</li></ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/911	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/911 83/912 83/913	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/911 83/912 83/913 83/914	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> <li>Flash trimming</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08 84/09	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> <li>Feedback</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/911 83/912 83/913 83/914 83/915	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> <li>Flash trimming</li> <li>Fur cutting</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08 84/10 84/11	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> <li>Feedback</li> <li>Frequency dividers</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/911 83/912 83/913 83/914 83/915 83/9153	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> <li>Flash trimming</li> <li>Fur cutting</li> <li>Ice cutting machines</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08 84/10 84/11 84/12	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> <li>Feedback</li> <li>Frequency dividers</li> <li>Side; rhythm and percussion devices</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/911 83/912 83/913 83/914 83/915 83/9153 83/9155	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> <li>Flash trimming</li> <li>Fur cutting</li> <li>Ice cutting machines</li> <li>Microtome</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08 84/10 84/11 84/12 84/13	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> <li>Feedback</li> <li>Frequency dividers</li> <li>Side; rhythm and percussion devices</li> <li>Gas discharge tube</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/911 83/912 83/913 83/914 83/915 83/9153 83/9155 83/916	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> <li>Flash trimming</li> <li>Fur cutting</li> <li>Ice cutting machines</li> <li>Microtome</li> <li>Nibbling</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08 84/09 84/10 84/11 84/12 84/13	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> <li>Feedback</li> <li>Frequency dividers</li> <li>Side; rhythm and percussion devices</li> <li>Gas discharge tube</li> <li>Harmonicas</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/911 83/912 83/913 83/914 83/915 83/9153 83/9155 83/916 83/917	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> <li>Flash trimming</li> <li>Fur cutting</li> <li>Ice cutting machines</li> <li>Microtome</li> <li>Nibbling</li> <li>Notching</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08 84/09 84/10 84/11 84/12 84/13 84/14	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> <li>Feedback</li> <li>Frequency dividers</li> <li>Side; rhythm and percussion devices</li> <li>Gas discharge tube</li> <li>Harmonicas</li> <li>Accordions</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/911 83/912 83/913 83/914 83/915 83/915 83/915 83/916 83/917 83/918	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> <li>Flash trimming</li> <li>Fur cutting</li> <li>Ice cutting machines</li> <li>Microtome</li> <li>Nibbling</li> <li>Notching</li> <li>Pinking</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08 84/10 84/11 84/12 84/13 84/14 84/15 84/16	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> <li>Feedback</li> <li>Frequency dividers</li> <li>Side; rhythm and percussion devices</li> <li>Gas discharge tube</li> <li>Harmonicas</li> <li>Accordions</li> <li>Crescendo</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/911 83/912 83/913 83/914 83/915 83/915 83/916 83/917 83/918 83/919	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> <li>Flash trimming</li> <li>Fur cutting</li> <li>Ice cutting machines</li> <li>Microtome</li> <li>Nibbling</li> <li>Notching</li> <li>Pinking</li> <li>Sample taking</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08 84/10 84/11 84/12 84/13 84/14 84/15 84/16 84/17	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> <li>Feedback</li> <li>Frequency dividers</li> <li>Side; rhythm and percussion devices</li> <li>Gas discharge tube</li> <li>Harmonicas</li> <li>Accordions</li> <li>Crescendo</li> <li>Cabinets</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/911 83/912 83/913 83/914 83/915 83/915 83/915 83/916 83/917 83/918 83/919 83/92	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> <li>Flash trimming</li> <li>Fur cutting</li> <li>Ice cutting machines</li> <li>Microtome</li> <li>Nibbling</li> <li>Notching</li> <li>Pinking</li> <li>Sample taking</li> <li>Shingle making</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08 84/10 84/11 84/12 84/13 84/14 84/15 84/16 84/17 84/18	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> <li>Feedback</li> <li>Frequency dividers</li> <li>Side; rhythm and percussion devices</li> <li>Gas discharge tube</li> <li>Harmonicas</li> <li>Accordions</li> <li>Crescendo</li> <li>Cabinets</li> <li>Tuning</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/911 83/912 83/913 83/914 83/915 83/915 83/915 83/916 83/917 83/918 83/919 83/92 83/921	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> <li>Flash trimming</li> <li>Fur cutting</li> <li>Ice cutting machines</li> <li>Microtome</li> <li>Nibbling</li> <li>Notching</li> <li>Pinking</li> <li>Sample taking</li> <li>Slide fastener cutting</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08 84/10 84/11 84/12 84/13 84/14 84/15 84/16 84/17 84/18 84/19	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> <li>Feedback</li> <li>Frequency dividers</li> <li>Side; rhythm and percussion devices</li> <li>Gas discharge tube</li> <li>Harmonicas</li> <li>Accordions</li> <li>Crescendo</li> <li>Cabinets</li> <li>Tuning</li> <li>Light sensitive resistor</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/912 83/913 83/914 83/915 83/9153 83/9155 83/916 83/917 83/918 83/919 83/92 83/921 83/922	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> <li>Flash trimming</li> <li>Fur cutting</li> <li>Ice cutting machines</li> <li>Microtome</li> <li>Nibbling</li> <li>Notching</li> <li>Pinking</li> <li>Sample taking</li> <li>Slide fastener cutting</li> <li>Tacky web cutting</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08 84/10 84/11 84/12 84/13 84/14 84/15 84/16 84/17 84/18 84/19 84/20	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> <li>Feedback</li> <li>Frequency dividers</li> <li>Side; rhythm and percussion devices</li> <li>Gas discharge tube</li> <li>Harmonicas</li> <li>Accordions</li> <li>Crescendo</li> <li>Cabinets</li> <li>Tuning</li> <li>Light sensitive resistor</li> <li>Monophonic</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/912 83/913 83/914 83/915 83/915 83/9155 83/916 83/917 83/918 83/919 83/92 83/921 83/922 83/923	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> <li>Flash trimming</li> <li>Fur cutting</li> <li>Ice cutting machines</li> <li>Microtome</li> <li>Nibbling</li> <li>Notching</li> <li>Pinking</li> <li>Sample taking</li> <li>Slide fastener cutting</li> <li>Tacky web cutting</li> <li>Waste product cutting</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08 84/09 84/10 84/11 84/12 84/13 84/14 84/15 84/16 84/17 84/18 84/19 84/20 84/21	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> <li>Feedback</li> <li>Frequency dividers</li> <li>Side; rhythm and percussion devices</li> <li>Gas discharge tube</li> <li>Harmonicas</li> <li>Accordions</li> <li>Crescendo</li> <li>Cabinets</li> <li>Tuning</li> <li>Light sensitive resistor</li> <li>Monophonic</li> <li>Mechanical resonator</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/912 83/913 83/914 83/915 83/9153 83/9155 83/916 83/917 83/918 83/919 83/92 83/921 83/922	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> <li>Flash trimming</li> <li>Fur cutting</li> <li>Ice cutting machines</li> <li>Microtome</li> <li>Nibbling</li> <li>Notching</li> <li>Pinking</li> <li>Sample taking</li> <li>Shingle making</li> <li>Slide fastener cutting</li> <li>Tacky web cutting</li> <li>Waste product cutting</li> <li>Work wrapped or coated around a core, not part of</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08 84/09 84/10 84/11 84/12 84/13 84/14 84/15 84/16 84/17 84/18 84/19 84/20 84/21 84/22	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> <li>Feedback</li> <li>Frequency dividers</li> <li>Side; rhythm and percussion devices</li> <li>Gas discharge tube</li> <li>Harmonicas</li> <li>Accordions</li> <li>Crescendo</li> <li>Cabinets</li> <li>Tuning</li> <li>Light sensitive resistor</li> <li>Monophonic</li> <li>Mechanical resonator</li> <li>Chord organs</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/911 83/912 83/913 83/914 83/915 83/915 83/916 83/917 83/918 83/919 83/92 83/922 83/923 83/923	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> <li>Flash trimming</li> <li>Fur cutting</li> <li>Ice cutting machines</li> <li>Microtome</li> <li>Nibbling</li> <li>Notching</li> <li>Pinking</li> <li>Sample taking</li> <li>Shingle making</li> <li>Slide fastener cutting</li> <li>Tacky web cutting</li> <li>Waste product cutting</li> <li>Work wrapped or coated around a core, not part of the machine</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08 84/09 84/10 84/11 84/12 84/13 84/14 84/15 84/16 84/17 84/18 84/19 84/20 84/21 84/22 84/23	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> <li>Feedback</li> <li>Frequency dividers</li> <li>Side; rhythm and percussion devices</li> <li>Gas discharge tube</li> <li>Harmonicas</li> <li>Accordions</li> <li>Crescendo</li> <li>Cabinets</li> <li>Tuning</li> <li>Light sensitive resistor</li> <li>Monophonic</li> <li>Mechanical resonator</li> <li>Chord organs</li> <li>Electronic gates for tones</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/911 83/912 83/913 83/914 83/915 83/915 83/916 83/917 83/918 83/919 83/92 83/921 83/922 83/923 83/924	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> <li>Flash trimming</li> <li>Fur cutting</li> <li>Ice cutting machines</li> <li>Microtome</li> <li>Nibbling</li> <li>Notching</li> <li>Pinking</li> <li>Sample taking</li> <li>Shingle making</li> <li>Slide fastener cutting</li> <li>Tacky web cutting</li> <li>Waste product cutting</li> <li>Work wrapped or coated around a core, not part of the machine</li> <li>Printer's rule cutting</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08 84/10 84/11 84/12 84/13 84/14 84/15 84/16 84/17 84/18 84/19 84/20 84/21 84/22 84/23 84/24	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> <li>Feedback</li> <li>Frequency dividers</li> <li>Side; rhythm and percussion devices</li> <li>Gas discharge tube</li> <li>Harmonicas</li> <li>Accordions</li> <li>Crescendo</li> <li>Cabinets</li> <li>Tuning</li> <li>Light sensitive resistor</li> <li>Monophonic</li> <li>Mechanical resonator</li> <li>Chord organs</li> <li>Electronic gates for tones</li> <li>Piezoelectrical transducers</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/911 83/912 83/913 83/914 83/915 83/915 83/916 83/917 83/918 83/919 83/92 83/921 83/922 83/923 83/924 83/927 83/928	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> <li>Flash trimming</li> <li>Fur cutting</li> <li>Ice cutting machines</li> <li>Microtome</li> <li>Nibbling</li> <li>Notching</li> <li>Pinking</li> <li>Sample taking</li> <li>Shingle making</li> <li>Slide fastener cutting</li> <li>Tacky web cutting</li> <li>Waste product cutting</li> <li>Work wrapped or coated around a core, not part of the machine</li> <li>Printer's rule cutting</li> <li>Vehicle-mounted tool</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08 84/10 84/11 84/12 84/13 84/14 84/15 84/16 84/17 84/18 84/19 84/20 84/21 84/22 84/23 84/24 84/25	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> <li>Feedback</li> <li>Frequency dividers</li> <li>Side; rhythm and percussion devices</li> <li>Gas discharge tube</li> <li>Harmonicas</li> <li>Accordions</li> <li>Crescendo</li> <li>Cabinets</li> <li>Tuning</li> <li>Light sensitive resistor</li> <li>Monophonic</li> <li>Mechanical resonator</li> <li>Chord organs</li> <li>Electronic gates for tones</li> <li>Piezoelectrical transducers</li> <li>Pedal clavier</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/911 83/912 83/913 83/914 83/915 83/915 83/916 83/917 83/918 83/919 83/92 83/921 83/922 83/921 83/922 83/923 83/924	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> <li>Flash trimming</li> <li>Fur cutting</li> <li>Ice cutting machines</li> <li>Microtome</li> <li>Nibbling</li> <li>Notching</li> <li>Pinking</li> <li>Sample taking</li> <li>Shingle making</li> <li>Slide fastener cutting</li> <li>Tacky web cutting</li> <li>Waste product cutting</li> <li>Work wrapped or coated around a core, not part of the machine</li> <li>Printer's rule cutting</li> <li>Vehicle-mounted tool</li> <li>Particular nature of work or product</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08 84/10 84/11 84/12 84/13 84/14 84/15 84/16 84/17 84/18 84/19 84/20 84/21 84/22 84/23 84/24 84/25 84/26	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> <li>Feedback</li> <li>Frequency dividers</li> <li>Side; rhythm and percussion devices</li> <li>Gas discharge tube</li> <li>Harmonicas</li> <li>Accordions</li> <li>Crescendo</li> <li>Cabinets</li> <li>Tuning</li> <li>Light sensitive resistor</li> <li>Monophonic</li> <li>Mechanical resonator</li> <li>Chord organs</li> <li>Electronic gates for tones</li> <li>Piezoelectrical transducers</li> <li>Pedal clavier</li> <li>Reverberation</li> </ul>
83/903 83/904 83/905 83/906 83/907 83/908 83/909 83/91 83/911 83/912 83/913 83/914 83/915 83/915 83/916 83/917 83/918 83/919 83/92 83/921 83/922 83/923 83/924 83/927 83/928	<ul> <li>Battery grid trimming</li> <li>Book index cutting</li> <li>Buttonhole making</li> <li>Chip making</li> <li>Coiled wire cutting</li> <li>Comb, rake, or other toothed article making</li> <li>Cutting strand extending from or lying on strand or package support</li> <li>Embroidery trimming or cutting</li> <li>Envelope blank forming</li> <li>Envelope openers</li> <li>Filament to staple fiber cutting</li> <li>Flash trimming</li> <li>Fur cutting</li> <li>Ice cutting machines</li> <li>Microtome</li> <li>Nibbling</li> <li>Notching</li> <li>Pinking</li> <li>Sample taking</li> <li>Shingle making</li> <li>Slide fastener cutting</li> <li>Tacky web cutting</li> <li>Waste product cutting</li> <li>Work wrapped or coated around a core, not part of the machine</li> <li>Printer's rule cutting</li> <li>Vehicle-mounted tool</li> </ul>	84/00 84/01 84/02 84/03 84/04 84/05 84/06 84/07 84/08 84/10 84/11 84/12 84/13 84/14 84/15 84/16 84/17 84/18 84/19 84/20 84/21 84/22 84/23 84/24 84/25	<ul> <li>Plural speakers</li> <li>Preference networks</li> <li>Foldable; detachable; collapsible</li> <li>Chorus; ensemble; celeste</li> <li>Chiff</li> <li>Cathode-ray tube</li> <li>Electric key switch structure</li> <li>Keyed oscillators</li> <li>Filtering</li> <li>Feedback</li> <li>Frequency dividers</li> <li>Side; rhythm and percussion devices</li> <li>Gas discharge tube</li> <li>Harmonicas</li> <li>Accordions</li> <li>Crescendo</li> <li>Cabinets</li> <li>Tuning</li> <li>Light sensitive resistor</li> <li>Monophonic</li> <li>Mechanical resonator</li> <li>Chord organs</li> <li>Electronic gates for tones</li> <li>Piezoelectrical transducers</li> <li>Pedal clavier</li> </ul>

Music Y10S

1110010			1100
84/29	. Tape	101/32	Means to vary the time of contact of one or more
84/30	• Fret control	101/32	rollers in an ink train
0 1, 50	• 1100 common	101/33	. Ink transfer employing one or more belts
Motors: exp	ansible chamber type	101/34	. Means to agitate ink in a reservoir
91/00	Motors: expansible chamber type	101/35	<ul> <li>Rollers and track therefore in printing presses</li> </ul>
91/01	. Digital	101/36	. Means for registering or alignment of print plates on
91/02	Exhaust throttled motor control		print press structure
91/03	Large area valve	101/37	<ul> <li>Printing employing electrostatic force</li> </ul>
91/04	• Magnets	101/38	Means for axially reciprocating inking rollers
		101/39	Printing on cylinder of revolution
Expansible of	<u>chamber devices</u>	101/40	. Means to print on golf balls
92/00	Expansible chamber devices	101/41	• Means for braking press cylinders
92/01	Bearing on piston or cylinder	101/42 101/43	Means for tensioning webs  Mechines printing by both integlic and another type
92/02	• Fluid bearing	101/43	<ul> <li>Machines printing by both intaglio and another type of printing means</li> </ul>
92/03	• Flexible drive	101/44	Coin controlled printing machines
92/04	Lost motion	101/45	Sensor for ink or dampening fluid thickness or
		101/13	density
Gas separati	ion: processes	101/46	Printing operation controlled by code indicia on
95/00	Gas separation: processes		printing plate or substate
95/90	Solid sorbent	101/47	. Automatic or remote control of metering blade
95/901	Activated carbon		position
95/902	Molecular sieve	101/48	• Endless printing belt for other than selective or
95/903	Carbon		progressive printing
		101/49	• Convertible printing press, e.g. lithographic to letter
Foods and b	everages: apparatus		press
99/00	Foods and beverages: apparatus	Ammunition	n and explosives
99/10	Temperature responsive		-
99/11	Conductivity control	102/00	Ammunition and explosives
99/12	. Supersonic	102/70 102/701	Characteristics
99/13	Electrical deposition	102/701	<ul><li>Charge wave forming</li><li>Compression ignition</li></ul>
99/14	<ul> <li>Induction heating</li> </ul>	102/702	Flechette
99/15	• Pie pans	102/703	. Coolants
D		102/705	Separated explosive constituents
<u>Presses</u>			·
100/00	Presses	<u>Railways</u>	
100/901	Scrap auto body crushers	104/00	Railways
100/902	. Can crushers	104/01	Toy railroad
100/903	. Pelleters		,
100/904	Screw	<b>Composition</b>	ns: coating or plastic
100/905	inner roll	106/00	Compositions: coating or plastic
100/906 100/907	<ul><li>Reciprocating</li><li>Rotary</li></ul>	106/01	• Fly ash
100/907	Series rolls	106/02	• Perlite
100/909	Adjustable die openings	106/03	. Mica
100/907	Meat	106/04	. Bentonite
100/911	Jet or explosive	106/07	<ul> <li>Asphalt binders in coating compositions</li> </ul>
100/912	Binder containers	106/90	Soil stabilization
100/913	. Truss presses	106/901	. Low molecular weight hydrocarbon polymer-
100/914	Scrap paper		containing mixture
100/915	Fixed upper ram, lower movable receptacle	TT 1 4 11	
100/916	Coil tightener and binder	<u>Horizontally</u>	y supported planar surfaces
100/917	• Magnetic	108/00	Horizontally supported planar surfaces
100/918	Bolster and die	108/901	. Synthetic plastic industrial platform, e.g. pallet
		108/902	Made with deformable integral fastening elements
<u>Printing</u>		DI4*	
101/00	Printing	<b>Planting</b>	
101/29	<ul> <li>Printing involving a color-forming phenomenon</li> </ul>	111/00	Planting
101/30	<ul> <li>Special article printing with article controlled</li> </ul>	111/90	<ul> <li>Methods of planting seeds and miscellaneous</li> </ul>
	operation		compositions
101/31	• Devices for applying metal leaf employing hot dies	111/901	. Lawn or turf

Planting Y10S

111/902	Pasture renovation	116/27 • Blowout plates
111/903	. Monitor	116/28 • Push button structure
111/904	Population control function	116/29 . TV tuner
111/905	Seed treating seed planter	116/30 . Remote TV tuner
111/906	Specialized commodity	116/31 • TV channel selector
111/907	Cane	116/32 • Content indicator by weight
111/908	Potato	116/33 • Indicator for elevated cables
111/909	Bulb	116/34 • Tension indicating
111/91	Onion	116/35 • Electroluminescent dials
111/911	Rice	116/36 • Illuminated dial and pointer
111/912	Pineapple	. Multiple movable scales
111/913	Vegetable, i.e. small seed	116/38 • Hot box alarm
111/914	Lettuce	116/39 • Dial magnifiers
111/915	Special condition	116/40 • Flare devices
111/916	Seed pellet	116/41 • Color comparison
111/917	Gel	116/42 . Oil filter
111/918	• • Sprout	116/43 Navigation devices
111/919	Special transplant related feature	116/44 • Portable personal alarms
111/92	<ul> <li>Airplane</li> </ul>	116/45 • Parallax
111/921	Unique motor drive	116/46 • Interchangeable scales
111/922	<ul> <li>Variable drive mechanism</li> </ul>	116/47 • Scale conversion, e.g. english-metric
111/923	<ul> <li>Interrow, intercrop planter</li> </ul>	
111/924	<ul> <li>Minimum and no till planter</li> </ul>	Single-crystal, oriented-crystal, and epitaxy growth processes;
		non coating apparatus therefor

# Sewing

111/925

111/926

111/927

112/00	Sewing
112/01	<ul> <li>Suction thread cutting</li> </ul>
112/02	<ul> <li>Air work handling</li> </ul>
112/03	<ul> <li>Pneumatic</li> </ul>

. Tank and hopper trailers

. Parallelogram mounting

. Special suspension or gauging feature

#### Signals and indicators

116/23

116/24

116/25

116/26

116/00	Signals and indicators
116/01	<ul> <li>Combined with diverse elements</li> </ul>
116/02	<ul> <li>Corrections by cursor lines</li> </ul>
116/03	Shiftable indicia
116/04	Variable pulley
116/05	<ul> <li>using light guides</li> </ul>
116/06	Pointer structure
116/07	Fluid actuated
116/08	<ul> <li>Inflatable indicator</li> </ul>
116/09	• Balloons
116/10	Bimetal detents
116/11	<ul> <li>On ski binders</li> </ul>
116/12	<ul> <li>Door knockers</li> </ul>
116/13	<ul> <li>Inclinometers for earth working devices</li> </ul>
116/14	Tapes as carriers
116/15	<ul> <li>Projection</li> </ul>
116/16	<ul> <li>Road structure</li> </ul>
116/17	. Tactile
116/18	<ul> <li>Wave generators</li> </ul>
116/19	. Wave generator with resonating element
116/20	<ul> <li>Automobile transmission position</li> </ul>
116/21	<ul> <li>Shaft position indicators</li> </ul>
116/22	• Heated air

. Movable index

. Light rod

. with suction cups

. Air filter condition indicator

	growin processes, non coating apparatus therefor
117/90	<ul> <li>Apparatus characterized by composition or</li> </ul>
	treatment thereof, e.g. surface finish, surface coating
117/901	<ul> <li>Levitation, reduced gravity, microgravity, space</li> </ul>
117/902	• • Specified orientation, shape, crystallography, or size of seed or substrate
117/903	<ul> <li>Dendrite or web or cage technique</li> </ul>
117/904	Laser beam
117/905	Electron beam
117/906	<ul> <li>Special atmosphere other than vacuum or inert</li> </ul>
117/907	Refluxing atmosphere
117/91	<ul> <li>Downward pulling</li> </ul>
117/911	Seed or rod holders
117/912	Replenishing liquid precursor, other than a moving zone
117/913	Graphoepitaxy or surface modification to enhance epitaxy
117/914	• Crystallization on a continuous moving substrate or cooling surface, e.g. wheel, cylinder, belt
117/915	Separating from substrate
117/916	<ul> <li>Oxygen testing</li> </ul>
117/917	• Magnetic
117/918	Single-crystal waveguide
117/919	Organic
Coating appa	aratu <u>s</u>

Single-crystal, oriented-crystal, and epitaxy

growth processes; non-coating apparatus therefor

Coating apparatus			
118/00	Coating apparatus		
118/01	<ul> <li>Anti-offset</li> </ul>		
118/02	<ul> <li>Bead coater</li> </ul>		
118/03	<ul> <li>Container-related coater</li> </ul>		
118/04	<ul> <li>Curtain coater</li> </ul>		
118/05	<ul> <li>Fluidized bed</li> </ul>		
118/06	<ul> <li>Fruit coater</li> </ul>		
118/07	. Hoods		
118/08	<ul> <li>Pan greaser</li> </ul>		
118/09	<ul> <li>Plank and molding coater</li> </ul>		

non-coating apparatus therefor

117/00

Coating apparatus Y10S

110/10			
118/10	Pipe and tube inside	Mechanical	guns and projectors
118/11	Pipe and tube outside	124/00	Mechanical guns and projectors
118/12	Pipe and tube immersion	124/90	. Limb tip rotatable element structure
118/13 118/14	<ul> <li>Pipe and tube miscellaneous</li> <li>Roller, conical</li> </ul>		
118/14	Roller structure	<u>Stone worki</u>	<u>ng</u>
118/13		125/00	Stone working
118/10	<ul><li>Slinger type</li><li>Wallpaper coater</li></ul>	125/901	forming piezoelectric crystals
118/17	Wire and cord die		
118/19	Wire and cord die     Wire and cord immersion	Stoves and f	<u>urnaces</u>
118/20	Wire and cord minicision     Wire and cord roller	126/00	Stoves and furnaces
118/21	Wire and cord striper	126/903	Solar collector cleaning device
118/22	Wire and cord shiper     Wire and cord miscellaneous	126/904	Arrangements for sealing solar collector
118/90	Semiconductor vapor doping	126/905	<ul> <li>Preventing condensing of moisture in solar collector</li> </ul>
110,70	• Someonaucion rapor doping	126/906	Connecting plural solar collectors as a unit
Animal hush	pandry	126/907	Absorber coating
119/00	Animal hydrondur	126/908	Particular chemical
119/00	Animal husbandry  Milk digest	126/909	Linear concentrating lens
119/01	Feed saving device	126/91	. Heat storage liquid
119/90	Chain feeder		•
119/901	Feed agitator	Sugar, starc	h, and carbohydrates
119/903	Poultry roost preventing device	127/00	Sugar, starch, and carbohydrates
119/904	Stanchion sure stop	127/00	. Caramel
119/905	Breaking or training method	127/01	· Caramer
119/906	Animal counting	Surgery	
119/907	Harness		a.
119/908	Electrical animal control or handling	128/00	Surgery
115//500	· Zacourous ummus control of numbering	128/01	. Motorized syringe
Liquid heate	ers and vaporizers	128/03	. Heart-lung
122/00	Liquid heaters and vanorizons	128/06	. Intravenous injection support
122/00	Liquid heaters and vaporizers  . Air heater	128/07 128/08	. Servo-systems
122/01	Air heater     Air heater - indirectly heated	128/08	Collagen  Flyid amplifiars
122/02	Gas flow baffles	128/10	Fluid amplifiers     Pressure infusion
122/03	<ul> <li>Once through boilers</li> </ul>	128/12	Infusion monitoring
122/05	Critical pressure	128/13	<ul> <li>Polytetrafluoroethylene, i.e. PTFE</li> </ul>
122/06	Damper-directed radiation	128/15	Hook and loop type fastener
122/07	Feeding air	128/18	Heat shrinkable film
122/10	Portable units	128/19	• Clavicle splint
122/11	Removable steam-heating elements	128/20	• Inflatable splint
122/13	Tubes - composition and protection	128/21	. Silicone
122/14	Tube replacement	128/22	Blood coagulation
122/15	• Valves	128/23	Cervical collars
122/16	• Welding	128/24	Medical-surgical bags
	-	128/25	Artificial sphincters and devices for controlling
Internal-con	<u>nbustion engines</u>		urinary incontinence
123/00	Internal-combustion engines	128/26	Cannula supporters
123/01	Interchangeable	128/27	• Cryogenic
123/02	Accumulated fuel return to tank or engine-induction	128/90	Blood pressure recorder
	system	128/901	<ul> <li>Suppression of noise in electric signal</li> </ul>
123/03	. Model	128/902	<ul> <li>Biological signal amplifier</li> </ul>
123/04	Stratification	128/903	Radio telemetry
123/05	Crankcase pressure-operated pumps	128/904	. Telephone telemetry
123/06	. Detachable	128/905	Feedback to patient of biological signal other than
123/07	• Convertible	400/	brain electric signal
123/08	• Multiple engine units	128/906	Multiphasic diagnostic clinic
123/09	Flame ignition	128/907	. Acupuncture
123/10	Fluidic amplifier fuel control	128/908	Patient protection from electric shock
123/11	<ul> <li>Antidieseling</li> </ul>	128/909	Breathing apparatus with means for preventing  matient areas contamination.
123/12	• Hydrogen	120/01	patient cross-contamination
123/13	. Gas	128/91	<ul> <li>Anesthesia gas scavenging system</li> <li>Unilimb inhalation-exhalation breathing tubes</li> </ul>
		128/911	• Ommino minaration-extraration breatting tubes

Surgery Y10S

Surgery			1100
128/912	Connections and closures for tubes delivering fluids	135/907	Cover stretcher
	to or from the body	135/908	Super tent or canopy
128/913	Breathable liquids	135/909	• Fitting
128/914	Rebreathing apparatus for increasing carbon dioxide	135/91	Illuminated cane or umbrella
	content in inhaled gas	135/911	• Cane for the blind
128/915	<ul> <li>Ultrasound mammography</li> </ul>	135/912	Wheeled framework
128/916	• Ultrasound 3-D imaging	135/913	Flaccid cover made of netting
128/917	<ul> <li>Body fluid, devices for protection therefrom, e.g. aids, hepatitus</li> </ul>	Rattorios: th	nermoelectric and photoelectric
128/918	Condoms and shields	Datteries. th	ermociective and photociective
128/919	Syringe, means to protect user	136/00	Batteries: thermoelectric and photoelectric
128/92	Computer assisted medical diagnostics	136/29	<ul> <li>Testing, calibrating, treating, e.g. aging</li> </ul>
128/921	Diet management	136/291	<ul> <li>Applications</li> </ul>
128/922	including image analysis	136/292	Space - satellite
128/923	by comparison of patient data to other data	136/293	Circuits
128/924	using artificial intelligence	Fluid bandli	ing.
128/925	Neural network	<u>Fluid handli</u>	<u>ing</u>
		137/00	Fluid handling
<b>Tobacco</b>		137/90	Bumpless manual to automatic relays
131/00	Tobacco	137/901	<ul> <li>Biased ball valves with operators</li> </ul>
131/01	Pipe literature	137/902	Slush pump check valves
131/90	<ul> <li>Liquified gas employed in puffing tobacco</li> </ul>	137/903	<ul> <li>Rubber valve springs</li> </ul>
131/901	Organic liquid employed in puffing tobacco	137/904	<ul> <li>Cushion check valves</li> </ul>
131/902	Inorganic chemical agents employed in puffing	137/905	<ul> <li>Rotary valves for multiple gas burners</li> </ul>
131/702	tobacco	137/906	<ul> <li>Valves biased by fluid "springs"</li> </ul>
131/903	Fixing the product after puffing	137/907	<ul> <li>Vacuum-actuated valves</li> </ul>
131/904	Pneumatic means for sensing condition or	137/908	Respirator control
	characteristic	137/909	Magnetic fluid valve
131/905	<ul> <li>Radiation source for sensing condition or characteristic</li> </ul>	137/91	<ul> <li>Destructible or deformable element constructed of specific material</li> </ul>
131/906	<ul> <li>Sensing condition or characteristic of continuous tobacco rod</li> </ul>	Pipes and tu	bular conduits
131/907	. Ejection or rejection of finished article due to	138/00	Pipes and tubular conduits
	detected or sensed condition	138/01	• Adhesive
131/908	<ul> <li>Sensing unique characteristic or specific condition</li> </ul>	138/02	• Glass fiber
	of finished product	138/03	• Polytetrafluoroethylene, i.e. PTFE
131/909	Sensing condition in feed hopper for cigar or	138/04	<ul> <li>Air conditioning</li> </ul>
101/01	cigarette making	138/05	• Pre-stress
131/91	Sensing or detecting malfunction in cigar or cigarette maker	138/06	<ul> <li>Corrosion</li> </ul>
	cigarette maker	138/07	• Resins
Toilet		138/08	Bent shaped retained
	<b></b>	138/09	. Cellular
132/00	Toilet	138/10	• Metal foil
132/901	. Comb tooth shape	138/11	. Shape
132/902	Liquid treating forms and mandrels	Textiles: we	oving
Cleaning an	d liquid contact with solids	Textiles. We	aving
_	_	139/00	Textiles: weaving
134/00	Cleaning and liquid contact with solids	139/01	Bias fabric digest
134/90	• Paint roller	<b>T</b>	
134/901	• Contact lens		rial handling, with receiver or receiver coacting
134/902	. Semiconductor wafer	<u>means</u>	
Tent, canopy	y, umbrella, or cane	141/00	Fluent material handling, with receiver or receiver coacting means
135/00	Tent, canopy, umbrella, or cane	141/01	• Magnetic
135/90	Worker or spectator shelter	141/02	Fluidic flow control valves
135/901	Hunting blind or ice-fishing shelter		
135/902	• Dressing shelter, e.g. beach or bathing	Metal treatm	<u>nent</u>
135/903	Roller-operated canvas	148/00	Metal treatment
135/904	. Separate storage means or housing for shelter	148/001	Amorphous semiconductor
135/905	Method of erecting shelter	148/002	Amphoteric doping
135/906	Arched structure	148/003	Anneal
		1.0,000	

Metal treatment Y10S

148/004	<ul> <li>Annealing, incoherent light</li> </ul>	148/065 • Gp III-V generic compounds-processing
148/005	Antimonides of gallium or indium	148/066 • Gp III-V liquid phase epitaxy
148/006	<ul> <li>Apparatus</li> </ul>	148/067 • Graded energy gap
148/007	Autodoping	148/068 • Graphite masking
148/008	Bi-level fabrication	148/069 • Green sheets
148/009	. Bi-MOS	148/07 • Guard rings and cmos
148/01	Bipolar transistors-ion implantation	148/071 • Heating, selective
148/011	Bipolar transistors	148/072 • Heterojunctions
148/012	<ul> <li>Bonding, e.g. electrostatic for strain gauges</li> </ul>	148/073 • Hollow body
148/013	Breakdown voltage	148/074 • Horizontal melt solidification
148/014	. Capacitor	148/075 • Imide resists
148/015	. Capping layer	148/076 • Implant
148/016	. Catalyst	148/077 • Implantation of silicon on sapphire
148/017	. Clean surfaces	148/078 • Impurity redistribution by oxidation
148/018	<ul> <li>Compensation doping</li> </ul>	148/079 • Inert carrier gas
148/019	<ul> <li>Contacts of silicides</li> </ul>	148/08 . Infrared
148/02	• Contacts, special	148/081 • Insulators
148/021	Continuous process	148/082 • Ion implantation FETs/COMs
148/022	Controlled atmosphere	148/083 • Ion implantation, general
148/023	Deep level dopants	148/084 • Ion implantation of compound devices
148/024	Defect control-gettering and annealing	148/085 • Isolated-integrated
148/025	Deposition multi-step	148/086 • Isolated zones
148/026	Deposition thru hole in mask	148/087 • I2L integrated injection logic
148/027	Dichlorosilane	148/088 J-Fet, i.e. junction field effect transistor
148/028	. Dicing	148/089 • Josephson devices
148/029	Differential crystal growth rates	148/09 • Laser anneal
148/03	Diffusion	148/091 • Laser beam processing of fets
148/031	<ul><li>Diffusion</li><li>Diffusion at an edge</li></ul>	148/092 • Laser beam processing of fets  148/092 • Laser beam processing-diodes or transistor
148/032	<ul><li>Diffusion length</li><li>Diffusion of aluminum</li></ul>	č
148/033		1
148/034	• Diffusion of boron or silicon	148/095 • Laser devices
148/035	• Diffusion through a layer	148/096 • Lateral transistor
148/036	Diffusion, nonselective	148/097 • Lattice strain and defects
148/037	. Diffusion-deposition	148/098 • Layer conversion
148/038	• Diffusions-staged	148/099 • LED, multicolor
148/039	• Displace P-N junction	148/10 • Lift-off masking
148/04	<ul> <li>Dopants, special</li> </ul>	148/101 • Liquid Phase Epitaxy, LPE
148/041	Doping control in crystal growth	. Mask alignment
148/042	<ul> <li>Doping, graded, for tapered etching</li> </ul>	148/103 • Mask, dual function, e.g. diffusion and oxidation
148/043	Dual dielectric	148/104 • Mask, movable
148/044	. Edge diffusion under mask	148/105 • Masks, metal
148/045	. Electric field	148/106 • Masks, special
148/046	<ul> <li>Electron beam treatment of devices</li> </ul>	148/107 • Melt
148/047	. Emitter dip	148/108 • Melt back
148/048	<ul> <li>Energy beam assisted EPI growth</li> </ul>	148/109 • Memory devices
148/049	<ul> <li>Equivalence and options</li> </ul>	. Metal-organic CVD, ruehrwein type
148/05	Etch and refill	148/111 • Narrow masking
148/051	• Etching	148/112 • Nitridation, direct, of silicon
148/052	Face to face deposition	148/113 • Nitrides of boron or aluminum or gallium
148/053	<ul> <li>Field effect transistors fets</li> </ul>	148/114 • Nitrides of silicon
148/054	• Flat sheets-substrates	148/115 • Orientation
148/055	. Fuse	148/116 • Oxidation, differential
148/056	Gallium arsenide	148/117 • Oxidation, selective
148/057	Gas flow control	148/118 • Oxide films
148/058	• Ge germanium	148/119 • Phosphides of gallium or indium
148/059	• Germanium on silicon or Ge-Si on III-V	148/12 • Photocathodes-Cs coated and solar cell
148/06	• Gettering	148/121 • Plastic temperature
148/061	Gettering-armorphous layers	148/122 • Polycrystalline
148/062	Gold diffusion	148/123 • Polycrystalline diffuse anneal
148/063	. Gp II-IV-VI compounds	148/124 • Polycrystalline emitter
148/064	Gp II-VI compounds	148/125 • Polycrystalline passivation
1 70/ 001	p - · · · · · · · · · · · · · · · · ·	= .5, 120 · 1 51, 51, 51 million publication

Metal treatment Y10S

148/126	• Power FETs	148/909	Tube
148/127	<ul> <li>Process induced defects</li> </ul>	148/91	in pattern discontinuous in two dimensions, e.g.
148/128	<ul> <li>Proton bombardment of silicon</li> </ul>		checkerboard pattern
148/129	Pulse doping		
148/13	<ul> <li>Purification</li> </ul>	Explosive an	nd thermic compositions or charges
148/131	<ul> <li>Reactive ion etching rie</li> </ul>	149/00	Explosive and thermic compositions or charges
148/132	Recoil implantation	149/11	Particle size of a component
148/133	Reflow oxides and glasses	149/111	Nitrated organic compound
148/134	. Remelt	149/112	Inorganic nitrogen-oxygen salt
148/135	<ul> <li>Removal of substrate</li> </ul>	149/113	Inorganic oxygen-halogen salt
148/136	<ul> <li>Resistors</li> </ul>	149/114	Inorganic fuel
148/137	• Resists	149/115	Organic fuel
148/138	Roughened surface	149/116	• Flare contains resin
148/139	Schottky barrier	149/117	Smoke or weather composition contains resin
148/14	Schottky barrier contacts	149/118	• Gel contains resin
148/141	. Self-alignment coat gate	149/119	Oxidizer compounds
148/142	Semiconductor-metal-semiconductor	149/12	High energy fuel compounds
148/143	Shadow masking	149/121	• Containing B, P or S
148/144	Shallow diffusion	149/122	• Containing N, without B, P or S
148/145	Shaped junctions	149/123	Tagged compositions for identifying purposes
148/146	Sheet resistance, dopant parameters	149/124	<ul> <li>Methods for reclaiming or disposing of one or more</li> </ul>
148/147	. Silicides	119/121	materials in a composition
148/148	Silicon carbide		r
148/149	Silicon on III-V	Purses, walle	ets, and protective covers
148/15	Silicon on sapphire SOS	150/00	Dungag smallets and must set in across
148/151	Simultaneous diffusion	150/00	Purses, wallets, and protective covers  Means biasing mouth in open or closed
148/152	Single crystal on amorphous substrate	130/90	configuration
148/153	Solar cells-implantations-laser beam	150/901	insulating flaccid cover
148/154	Solid phase epitaxy	130/701	• Instituting fractic cover
148/155	Solid solubility	Resilient tire	es and wheels
148/156	• Sonos	4.50/00	
148/157	Special diffusion and profiles	152/00	Resilient tires and wheels
148/158	• Sputtering	152/01	. Pebble ejectors
148/159	Strain gauges	152/02	Static discharge
148/16	Superlattice	152/03	. Slits in threads
148/161	Tapered edges	152/04	. Crack resistant
148/162	• Testing steps	152/05	• Water filled
148/163	Thick-thin oxides	152/06	. Peg leg
148/164	. Three dimensional processing	152/07	. Rubber valves
148/165	Transmutation doping	152/08	• Clamps
148/166	Traveling solvent method	152/09	Bead to rim seal
148/167	• Two diffusions in one hole	152/10	• Split rim seal
148/168	• V-Grooves	152/11	• Tubeless valves
148/169	. Vacuum deposition, e.g. including molecular beam	152/12	• White sidewalls
	epitaxy	152/13	• Valves stem guards
148/17	Vapor-liquid-solid	152/14	• Fabrics
148/171	<ul> <li>Varistor</li> </ul>	152/15	. Overlap
148/172	<ul> <li>Vidicons</li> </ul>	152/16	Air impermeable liner
148/173	Washed emitter	152/17	. Grooved rim
148/174	. Zener diodes	152/18	. Hub tires
148/90	• Ion implanted	152/19	Sandwich breakers
148/901	• Surface depleted in an alloy component, e.g.	152/20	. Rims for inverted bead tires
	decarburized	152/90	Tread pattern having no blocks and having
148/902	. having portions of differing metallurgical properties	es	circumferential ribs defined by zig-zag
	or characteristics	150/001	circumferential grooves
148/903	Directly treated with high energy electromagnetic	ic 152/901	. Tread pattern having no blocks and having
	waves or particles, e.g. laser, electron beam		circumferential ribs defined by linear circumferential grooves having straight edges
148/904	Crankshaft	152/902	Non-directional tread pattern having no
148/905	• Cutting tool	134/904	circumferential rib and having blocks defined by
148/906	Roller bearing element		circumferential grooves and transverse grooves
148/907	Threaded or headed fastener		5.00 (00)
1.40/000	Ci		

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148/908

. . Spring

Resilient tires and wheels Y10S

152/903	Non-directional tread pattern having non- circumferential transverse groove following smooth curved path	156/936	• • • Means for delaminating container component in preparation for recycling, e.g. glass bottle, plastic bottle
152/904 152/905	<ul> <li>Specified tread pattern for front tire and rear tire</li> <li>Tread composition</li> </ul>	156/937	Means for delaminating specified electronic component in preparation for recycling
	nding and miscellaneous chemical manufacture	156/938	Means for delaminating record media for recycling, e.g. CD, DVD, HD, flash memory
156/00	Adhesive bonding and miscellaneous chemical	156/939	Means for delaminating vehicle component,     e.g. tread from carcass, brake pad
156/906	<ul><li>manufacture</li><li>Off-drum manufacture of tire fabric or ply</li></ul>	156/94	Means adapted for delaminating component from building, e.g. wall paper, shingle
156/907	including assembly of bias-cut fabric	156/941	Means for delaminating semiconductive product
156/908	<ul> <li>Laminating sheet to entire edge of block and both adjacent opposite surfaces, e.g. bookbinding</li> </ul>	156/942	with reorientation means
156/909	<ul> <li>Apparatus for applying new tread to used tire casing, e.g. retreading, recapping</li> </ul>	156/943	• • with poking delaminating means, e.g. jabbing means
156/91	Bonding tire cord and elastomer: improved adhesive system	Concentration	ng evaporators
156/912	Differential etching apparatus having a vertical tube	159/00	Concentrating evaporators
	reactor	159/01	• Electric heat
156/913	<ul> <li>Differential etching apparatus having a horizontal</li> </ul>	159/02	• Entrainment
	tube reactor	159/03	Fluidized bed
156/914	Differential etching apparatus including particular	159/04	. Foam
	materials of construction	159/05	• Freezing
156/915	• Differential etching apparatus including focus ring	159/06	<ul> <li>Infrared</li> </ul>
150/010	surrounding a wafer for plasma apparatus	159/07	<ul> <li>Magnetic coupling</li> </ul>
156/916	Differential etching apparatus including chamber	159/08	<ul> <li>Multieffect or multistage</li> </ul>
156/017	cleaning means or shield for preventing deposits	159/09	<ul> <li>Two liquids dried simultaneously</li> </ul>
156/917	Differential etching apparatus having a barrel  reactor	159/10	• Organic
150/019	reactor	159/11	<ul> <li>Biologicals</li> </ul>
156/918	<ul> <li>Delaminating processes adapted for specified product, e.g. delaminating medical specimen slide</li> </ul>	159/12	<ul> <li>Radioactive</li> </ul>
156/919	Delaminating in preparation for post processing	159/13	. Scale
130/919	recycling step	159/14	. Soap
156/92	Textile delaminating in preparation for	159/15	Special material
130/72	recycling, e.g. carpet	159/16	. Vacuum
156/921	Delaminating container component in	159/17	Two liquids
130/221	preparation for recycling, e.g. glass bottle,	159/18	<ul> <li>Accumulator</li> </ul>
	plastic bottle	159/19	. Acid
156/922	Specified electronic component delaminating in	159/20	• Additive
	preparation for recycling	159/21	<ul> <li>Coating</li> </ul>
156/923	Delaminating wire or optical fiber laminate,	159/22	Condensate flashing
	e.g. coaxial cable, optical cable	159/23	• Cooling
156/924	Delaminating display screen, e.g. cathode-	159/24	• Critical
	ray, LCD screen	159/25	<ul> <li>Decant, press, centrifuge</li> </ul>
156/925	Delaminating display screen using	159/26	Electric field
	sintering for delamination	159/27	<ul> <li>Micropores</li> </ul>
156/926	• • Delaminating recording media, e.g. DVD, CD,	159/28	Porous member
	HD, flash memory	159/29	. Pebble bed
156/927	Delaminating vehicle component, e.g. brake	159/30	Desuper heating
	pad	159/31	<ul> <li>Deaeration</li> </ul>
156/928	Delaminating tire, e.g. tread from carcass	159/32	Indirect heat exchange
156/929	Delaminating component from building, e.g. wall	159/33	Two liquids, one a heat carrier
	paper, shingle	159/34	• Caustic
156/93	Semiconductive product delaminating, e.g.	159/35	<ul> <li>Viewports, peepsights, and sightglasses</li> </ul>
	delaminating emiconductive wafer from	159/36	• Rabbled hearth
150/021	underlayer	159/37	• Ported
156/931	Peeling away backing	159/38	. Seed
156/932	• • • with poking during delaminating, e.g.	159/39	Power plant
	jabbing release sheet backing to remove wafer	159/40	. Pumps
156/024		159/41	Removable units
156/934	<ul> <li>Apparatus having delaminating means adapted for delaminating a specified article</li> </ul>	159/42	. Seals
156/935	Delaminating means in preparation for post	159/90	<ul><li>using vibratory force</li></ul>
130/933	consumer recycling	159/901	Promoting circulation

Concentrating evaporators Y10S

159/902	<ul> <li>using natural heat</li> </ul>	162/904	with specified seam structure of papermaking belt
159/903	Solar		
159/904	Floating solar still	Metal found	<u>ing</u>
159/905	Sewage treatment	164/00	Metal founding
159/906	. Wick	164/01	. Battery
Elevible on m	contable electron portition or namel	164/02	• Bearing
riexible or p	oortable closure, partition, or panel	164/03	. Centrifugal
160/00	Flexible or portable closure, partition, or panel	164/04	. Dental
160/01	Auto radiator screens	164/05	Electron beam
160/02	<ul> <li>Auto screens and miscellaneous</li> </ul>	164/06	. Ingot
160/03	<ul> <li>Auto visors and glare shields</li> </ul>	164/07	• Melt
160/04	Auto side awnings	164/08	• Piston
160/05	Awning head and front bars	164/09	Piston-vacuum
160/06	Bath curtains	164/10	• Rotor
160/07	• Fabric	164/11	. Slush
160/08	Flexible door	164/12	• Thermit
160/09	Fireplace screen	164/13	. Valve
160/10	Roll screen	164/14	• Wheel
160/11	Roll screen idler roll	164/15	Precision casting
160/12	<ul> <li>Overlapping, on windows</li> </ul>	164/90	• Rheo-casting
160/13	Suction cup		<u> </u>
160/14	Step joints	Heat exchan	<u>ge</u>
160/15	Web-to-tube fasteners	165/00	Heat exchange
160/16	Magnetic	165/001	• with alarm, indicator, recorder, test, or inspection
160/17	Venetian blinds, motor driven	103/001	means
160/18	• Zipper	165/002	Energy, efficiency, performance or malfunction
160/19	Storm sash	165/003	Remote control inspection means
160/90	Vertical type venetian blind	165/004	Sight glass
160/901	<ul> <li>Lazy-tong connected plural strips, slats, or panels</li> </ul>	165/005	Fluid level or amount
160/902	Venetian blind type bracket means	165/006	Temperature
160/903	Roll type bracket means	165/007	Flow or valve position
160/904	Electric or pneumatic awning operator	165/008	. Leakage
160/905	Lazy-tong-link awning operator	165/009	<ul> <li>having a solid heat storage mass for absorbing</li> </ul>
160/906	Screw-threaded awning operator	100,000	heat from one fluid and releasing it to another, i.e.
160/907	Spring, other than spring roller, awning operator		regenerator
160/908	Strand awning operator	165/01	Cleaning storage mass
160/909	Endless strand	165/011	Reciprocating cleaner device, e.g. scraper,
160/91	Drum wound strand		sprayer
160/911	Worm gear awning operator	165/012	Spray nozzle cleaner
160/912	Rack-and-pinion awning operator	165/013	Movable heat storage mass with enclosure
160/913	Gear awning operator	165/014	Reciprocated linearly
		165/015	with pump
Paper makir	ng and fiber liberation	165/016	Rotary storage mass
162/00	Paper making and fiber liberation	165/017	with thermal expansion compensating means
162/02	. Chip soaking	165/018	having means controlling direction or rate of
162/03	Wetting agent		flow
162/04	Pitch control	165/019	• • • • Plate type shutter associated with face of
162/05	Alpha cellulose		storage mass
162/06	Moisture and basic weight	165/02	Seal and seal-engaging surface are relatively
162/07	Water collectors, e.g. save-alls		movable
162/08	Chlorine-containing liquid regeneration	165/021	Seal engaging a face of cylindrical heat
162/09	Uses for paper making sludge	1 10	storage mass
162/10	Computer control of paper making variables	165/022	Seal defining sector-shaped flow area
162/11	Wet end paper making variables	165/023	Brush-type seal
162/11	Seasoning	165/024	Circumferential seal
162/90	Papermaking press felts	165/025	Heat resistant material seal
162/901	Impermeable belts for extended nip press	165/026	Seal attached to and rotating with storage
162/902	Woven fabric for papermaking drier section	1.65/005	mass
162/903	Paper forming member, e.g. fourdrinier, sheet	165/027	• • • with particular rotary bearing or drive means
102/703	forming member	165/028	Ring gear surrounding cylindrical storage
	<b>©</b>		mass

165/029	Cylindrical storage mass with axial flow passages	165/074	• • Agitator structure confines first heat exchange fluid
165/03	<ul> <li>Mass formed of modules arranged in three dimensional matrix, i.e. checkerwork</li> </ul>	165/075	Agitator structure confines second heat exchange fluid
165/031	• • • Gradated flow area, heat capacity or conductivity	165/076	<ul> <li>with scraper for removing product from heat transfer surface</li> </ul>
165/032	having gas supply or exhaust manifold	165/077	Screw shaped scraper
	structure	165/078	Linearly operated scraper
165/033	with flow control device, i.e. valve	165/079	Reciprocated linearly
165/034	with flow distributing baffle	165/08	• Plural scrapers for spaced shelves or chambers
165/035	in casing	165/081	Rotary heat exchange scraper or scraper for rotary
165/036	Distinct passages formed in individual modules		heat exchange surface
165/037	• having flow diverting means, e.g. valve to	165/082	Grooved drum surface
	selectively control flow through storage mass	165/083	Scraper attached to or formed part of rotary
165/038	Correlated control of plural diverting means		heat exchange fluid surface
165/039	Synchronously rotated flow guiding hoods disposed on opposite sides of fixed	165/084	Scraper within annular space formed by concentric cylinders or concentric conical
1.65/0.4	regenerator	1.65/005	surfaces
165/04	Linearly movable diverting means	165/085	Scraper for cleaning inner surface of rotary heat
165/041	Rotary diverting means	165/006	exchange surface
165/042	Particular structure of heat storage mass	165/086	Weight operated scraper
165/043	Element for constructing regenerator rotor	165/087	Spring pressed scraper
165/044	• having flexible heat exchange surface conforming to	165/088	Adjustable scraper
1 6 7 10 1 7	a solid structure, e.g. applicator	165/089	for scraping flat horizontal surface
165/045	Conform to head, neck, or face	165/09	Scraper blade movable relative to scraper blade
165/046	. Heat exchange body suit	1.65/001	support, e.g. pivoting blade, rocking blade
165/047	for cooling	165/091	for scraping wall of cylindrical heat exchanger
165/048	Electrical component	165/092	• with valve or movable deflector for heat exchange
165/049	Or for heating	1.65/002	fluid flow
165/05	including a pump or valve	165/093	Adjustable radiator face covering means, e.g. adjustable shield for car radiator, heater core
165/051	<ul> <li>having expansion and contraction relieving or</li> </ul>	165/004	
4 - 7 10 - 7	absorbing means	165/094 165/095	<ul> <li>. Windowshade type, i.e. sheet feeds off roller</li> <li>. Rectilinear sliding movement of adjustable</li> </ul>
165/052	for cylindrical heat exchanger	163/093	cover
165/053	Flexible or movable header or header element	165/096	Pivotal movement of adjustable cover
165/054	Movable header, e.g. floating header	165/097	Plural parallel pivotable shutters
165/055	• • • • including guiding means for movable header	165/098	One shutter section having different flow
165/056	Fluid sealing means between movable		area or flow direction with another shutter
	header and enclosure		section
165/057	Flexing tubesheet	165/099	• • • • with fan
165/058	Movable tubesheet, e.g. floating tubesheet	165/10	Flow direction reversed through heat exchanger
165/059	Tubesheet connected to enclosure by	165/101	<ul> <li>for controlling supply of heat exchange fluid</li> </ul>
	expansion joint		flowing between hydraulically independent heat
165/06	Expandable casing for cylindrical heat		exchange sections
	exchanger	165/102	Hydraulically independent single-confined-
165/061	for plural cylindrical heat exchangers		fluid radiator sections for heating ambient air
165/062	having particular external casing support	165/103	Valves each controls a radiator section
	means	165/104	Hydraulically independent heat exchange
165/063	Cylindrical heat exchanger fixed to fixed end		sections connected in parallel
	supports	165/105	Correlated valves
165/064	including intermediate support	165/106	Valves each controls a heat exchange section
165/065	Bent cylindrical heat exchanger	165/107	Hydraulically independent heat exchange
165/066	Coiled	<b>.</b>	tubes disposed in housing, e.g. tank, casing
165/067	Cylindrical heat exchanger rectilinearly	165/108	Coiled tubes
165/068	slidable relative to its support including fluid seal	165/109	<ul> <li>with by-pass of heat exchanger or heat exchanger section</li> </ul>
	Pivotal support for cylindrical heat exchanger	165/11	Bypass within or surrounds heat exchanger
165/069	Resilient fluid seal	165/111	Heat exchanger enclosing a fluid conduit
165/07			confining second heat exchange fluid
165/071	. Resilient fluid seal for plate-type heat exchanger	165/112	Stove pipe drum having air draft passage
165/072	<ul> <li>Agitator or impeller motor operated by first heat exchange fluid</li> </ul>		for heating ambient air
165/073	To agitate or move second heat exchange fluid	165/113	Bypass centrally located in heat exchanger
103/073	• • 10 agreed of move second heat exchange fluid	165/114	having perforated wall

165/115	Surrounding by a helical flow channel	165/157	• • • Fluid sprayed onto surface of rotatable
165/116	Plural adjacent flow channel parallel to	165/158	cylinder having stationary material removal means
165/117	central bypass Arranged for series flow therethrough	165/158	with particular flow path or defined fluid
165/118	Serpentine heat exchange flow path	103/137	chamber, e.g. annulus, spiral
165/119	Bypass controlled by pivotal damper	165/16	Concentric shells define annular flow
165/12	U or serpentine heat exchange flow path		space
165/121	Serpentine heat exchange flow path	165/161	with means defining particular flow
165/122	U heat exchange flow path and linear bypass	165/160	path, e.g. baffle
165/123	Heat exchange flow path through heat exchanger	165/162	<ul> <li>Only direct-contact heat exchange between two separately supplied fluids</li> </ul>
165/124	altered, e.g. crossed Stove pipe drum	165/163	• including a means to form fluid film on heat transfer
165/125	Valve mounted on fixed deflector		surface, e.g. trickle
165/126	Total flow rate through heat exchanger controlled	165/164	Film flow constrained to spiral path
	by valve	165/165	Film formed on spirally coiled member
165/127	Stove pipe drum	165/166	Vertically spaced pipe sections contact liquid in
165/128	including air draft passage for heating	165/167	underlying troughs  • Liquid film flows sequentially along upper
165/100	ambient air	103/107	surfaces of vertically spaced trays, i.e. shelf-to-
165/129	<ul> <li>Valve regulates flow through housing enclosing heat exchanger</li> </ul>		shelf
165/13	including valve regulating flow through heat	165/168	Film formed on interior surface of container or
103/13	exchanger		pipe
165/131	Single-confined-fluid radiator for heating	165/169	inside of vertical pipe
	ambient air	165/17	Distributor "cap" mounted in top end of pipe
165/132	• with adjustor for heat flow	165/171	<ul> <li>including means at top end of vertical pipe to distribute liquid film on pipe exterior</li> </ul>
165/133	Conduction rate	165/172	Film flows along exterior of plural pipe sections
165/134	<ul> <li>by varying thickness of conductive layer, e.g. air gap</li> </ul>	165/173	Pipe exterior surfaces about to form continuous
165/135	Movable heat exchanger		surface
165/136	Movable belt or strip transfers heat to or from	165/174	Intervening members extend between spaced
	objects or material thereon	1 < 5 (1 5 5	pipe sections to form continuous surface
165/137	Unconstrained movement, e.g. float	165/175	Horizontally extending, parallel sections disposed in vertical array, i.e. one pipe directly
165/138	• Partially rotable, e.g. rocking, pivoting,		above another
165/120	oscillation, tilting	165/176	with means suspended beneath pipe surface
165/139 165/14	<ul><li>Fully rotatable</li><li>Rotating heat exchanger having rotating flow</li></ul>		to guide liquid droplets
103/14	confining structures or chambers for two	165/177	Film flows along upper surface of tray
	separate heat exchange fluids	165/178	Parallel corrugated vertical sheets formed fluid
165/141	Concentric flow confining structures or	165/170	passage therebetween
	chambers	165/179 165/18	<ul><li> Container enclosed by casing</li><li> Vertically disposable elongated member</li></ul>
165/142	Jacketed shell	165/181	Horizontally disposable elongated member
165/143	Discrete tubing having length extending along a longitudinal axis of rotating heat	165/182	Indirect-contact cooling tower
	exchanger	165/183	Indirect-contact evaporator
165/144	Helical	165/184	Indirect-contact condenser
165/145	Radially extending hollow arm on rotating	165/185	having stacked plates forming flow channel
	shaft traverses furnance shelf, e.g. rabble arm	165/106	therebetween
165/146	Angled blade suspended from arm for	165/186	Stacked plates surrounded by housing confining another fluid
165/147	advancing material  Fluid impeller or material advancer	165/187	having pump downstream of condenser
165/147	Auger	165/188	Pump to remove only uncondensed vapor or air
165/149	having hollow blade	165/189	From a first-stage direct-contact condenser
165/15	Radial or axial impeller	165/19	including second-stage indirect-contact
165/151	having hollow blade		condenser
165/152	Rotating agitator	165/191	including second-stage direct-contact
165/153	Flow space or fluid chamber defined	165/192	condenser
	between two relatively movable, closely	165/192	<ul> <li>including means to heat collected condensate</li> <li>First-stage condenser serially connected to</li> </ul>
165/154	spaced coextensive surfaces Hollow tubing rotates in vessel to stir	100/170	second-stage condenser
103/134	contents	165/194	First stage direct-contact condenser
165/155	Tubing has radially or axially extending	165/195	including condensate collecting tray connected
	sections		to condensate drain conduit to divert condensate
165/156	Hollow cylindrical member, e.g. drum		around a section of heat transfer surface

165/196	Baffle defines flow passage within header for	165/305 Located at heat-exchange housing inlet
165/105	condensate to bypass portion of vapor flow path	165/306 Located at heat-exchange housing outlet
165/197	<ul> <li>including means for removing condensate from vapor flow path to bypass portion of vapor flow</li> </ul>	165/307 including plural impellers
	path	165/308 Coaxial impellers
165/198	Condensate guiding means attached to heat	165/309 Radial impeller
	transfer surface	165/31 Heat exchanger located at housing inlet or outlet
165/199	<ul> <li>Heat transfer tube surrounds by jacket condensate guiding means</li> </ul>	165/311 including particular flow deflector, e.g. shroud, diffuser
165/20	Condensate guiding means forms inside heat	165/312 Plural parallel deflectors
	transfer tube	165/313 Deflector with curved surface
165/201	including fin member associated with	165/314 Radial impeller
1 < 5 /2 02	condensate guiding means	165/315 Located at heat-exchange housing inlet
165/202	<ul> <li>Vapor flow passage between vapor inlet and outlet has decreasing cross- sectional area</li> </ul>	165/316 Axial impeller located at heat-exchange housing inlet
165/203	<ul> <li>Coolant tubes arranged in groups to form vapor flow lanes of decreasing cross-sectional area</li> </ul>	165/317 Axial impeller located at heat-exchange
165/204	including a direct-contact heat exchange chamber	housing outlet 165/318 • with driven agitator
165/205	Space for condensable vapor surrounds space for	<ul><li>165/318 . with driven agitator</li><li>165/319 . Linearly moving agitator</li></ul>
	coolant	165/32 • Fully rotary agitator
165/206	including coiled heat exchange tube	165/321 Generating toroidal flow
165/207	Distinct outlets for separated condensate and	——————————————————————————————————————
	gas	<i>c c</i> ,
165/208	• • • including vapor guide plate extending across vapor inlet	165/323 Heating or cooling coil disposed between jacket-walls
165/209	• • • including tube banks arranged in undulating pattern, e.g. w shape	165/324 Agitator having blade sections mounted along rotating shaft
165/21	• • • including perforated baffle completely	165/325 Blade sections mounted along rotating shaft
103/21	surrounding a group of coolant tube	165/326 Agitator and heating or cooling coil disposed in
165/211	including concave member adjacent to vapor	same housing
	outlet and partially covering a group of	165/327 . Thermosyphonic having vertical air draft passage
	coolant tubes	165/328 Air draft passage confined entirely or in part by
165/212	including inclined flat condensate guiding	fin structure
	means	165/329 Corrugated fin attached to heat transfer surface
165/213	<ul> <li>including baffle partially covering a group of coolant tubes</li> </ul>	165/33 Air draft passage is parallel to flow direction of heating or cooling means
165/214	including baffle structure for reversing flow	165/331 Air draft passage confined entirely by heat transfer surface
165/215	direction of vapor	165/332 Coaxial ducts define air draft passage and
165/215	• • • having longitudinal partition extending parallel to longitudinal axis of coolant tube	annular passage for heat exchange fluid
165/216	• • • having partition transverse to longitudinal axis	165/333 including baffle
	of coolant tube	165/334 Baffle located in annular passage
165/217	<ul> <li>Space for coolant surrounds space for vapor</li> </ul>	165/335 Plural air draft passages enclosed by casing
165/218	Condensor adapted to cover opening at top of	165/336 Angled air draft passage
	vapor generator	165/337 Heating or cooling means entirely surrounded by
165/219	Radiator cap condenser	air draft passage forming casing
165/22	• • • U-shaped or spur tubes connected to adjacent inlet and outlet headers	165/338 Nested or concentric members define annular air draft passage and heating or cooling conduit
165/221	Vapor is the only confined fluid	165/339 with baffle
165/222	Plural parallel tubes confining vapor	165/34 including flow baffle in casing
	connecting between spaced headers	165/341 Parallel heating or cooling tubes or tubular
165/223	Vapor tube enclosed by coolant confining shell	sections, e.g. coil, serpentine
165/224	<ul> <li>including a means to form a fluid jet</li> </ul>	165/342 • Tank with heat exchanger
165/225	• with solid conveyor	165/343 Heat exchanger forms all or portion of tank
165/226	Screw conveyor	165/344 Spiral coil forms hemispherical vessel
165/227	Belt conveyor	165/345 Jacketed vessel
165/228	• with fan or pump	165/346 Flow baffle or fin in annular flow space
165/229	Screw conveyor in pipe or tank	165/347 Heat exchanger forms cover for tank
165/30	. Injector-type pump	165/348 Heat exchanger within tank
165/301	having nested nozzles	165/349 Supported by cover for tank
165/302	Rotary gas pump	165/35 Tubing removably coupled to inlet and outlet at
165/303	Annular heat exchanger	tank wall
165/304	Axial impeller	165/351 Spaced from tank wall
_ 55,501	· · · · · · · · · · · · · · · · · · ·	

165/352	Flow directing baffle associated with heat	165/391 including intermediate corrugated eleme	
1.65/252	exchanger tubing	165/392 Unitary heat exchange plate and projecti	ng
165/353 165/354	. Tube coil bonded directly to tank exterior	edge 165/393 including additional element between heat	
165/355	Heat exchanger serially connected to tank     having separate flow passage for two distinct fluids	165/393 including additional element between heat exchange plates	
		165/394 Corrugated heat exchange plate	
165/356	<ul> <li>Plural plates forming a stack providing flow passages therein</li> </ul>	165/395 Confugated fleat exchange plate  165/395 Monolithic core having flow passages for two	
165/357	forming annular heat exchanger	different fluids, e.g. one- piece ceramic	,
165/358	Radially arranged plates	165/396 Plurality of stacked monolithic cores	
165/359	Radiany arranged plates     including means for modifying thermal stress	165/397 including conduits embedded in monolithic	
103/339	in heat exchange plate	block	
165/36	Stacked plates having plurality of perforations	165/398 Spirally bent heat exchange plate	
165/361	Circular flow passages between plates	165/399 Corrugated heat exchange plate	
165/362	Heat exchange liquids separated by double	165/40 . Shell enclosed conduit assembly	
103/302	walls	165/401 including tube support or shell-side flow	
165/363	Slotted plates forming grid	director	
165/364	with fluid traversing passages formed through	165/402 Manifold for shell-side fluid	
100,001	the plate	165/403 Preheater for shell-side fluid for preventi	ng
165/365	including peripheral seal element forming	thermal shock to tube sheet	U
	flow channel bounded by seal and heat	165/404 Serially connected separate shells	
	exchange plates	165/405 Extending in a longitudinal direction	
165/366	Rigid or semi-rigid peripheral seal frame	165/406 Helically or spirally shaped	
165/367	Peripheral seal element between	165/407 internal casing or tube sleeve	
	corrugated heat exchange plates	165/408 Tube sleeve	
165/368	• • • • including angled corrugations with	165/409 including transverse element, e.g. fi	n,
	respect to flow direction	baffle	
165/369	including seal to plate attachment means	165/41 Movable internal casing connecting	ng to
165/37	Unitary heat exchange plate and projecting	transverse element	
	edge	165/411 Connecting to shell by specific structu	re
165/371	including mating flanges around fluid	165/412 including transverse element, e.g. fin,	
4 - 7 - 10 - 10	traversing passage	baffle	
165/372	Adjacent heat exchange plates having joined	165/413 for directing flow along the length of t	ube
	bent edge flanges for forming flow channels therebetween	165/414 for supporting coil tubes	
165/373	Adjacent heat exchange plates having joined	165/415 including perforations	
103/3/3	bent edge flanges for forming flow channels	165/416 Extending transverse of shell, e.g. fin, ba	
	therebetween	165/417 including spacer or support for transver	
165/374	Liquid to air heat exchanger having liquid	tube support or shell-side flow director	ĩ
	passage formed by joined sheets	165/418 Tubular spacer sleeve	
165/375	Transverse air tubes	165/419 Spacer or support connected to shell	
165/376	Air passages defined by spacing	165/42 Segmented plate	
	projections of sheets	165/421 Disc and donut plates	
165/377	Spacing projections formed by folded	165/422 Unitary tube support or shell-side flow	,
	sheet portions	director carried by single tube	
165/378	including intermediate sheet	165/423 Bar	
	supporting opposed spacing	165/424 forming grid structure	
	projections	165/425 having ends connected to ring element	ent
165/379	including corrugated air fin passages	165/426 Clamped tube spacer or support	
	between adjacent liquid passages	165/427 Manifold for tube-side fluid, i.e. parallel	
165/38	Air fin conforms to joined corrugated	165/428 including flow director in manifold	
1.67/201	sheets forming plural liquid chambers	165/429 Line-connected conduit assemblies	
165/381	including air fin apertures	165/43 Manifolds connected in parallel, e.g. multi-stage	
165/382	Overlapping flanges	165/431 Manifolds connected in series	
165/383	Interlocking flanges	165/432 including a tube sheet	
165/384	Thermally bonded side edges	165/433 Tubes-tubesheet connection	
165/385	Bent sheet forming a single tube	165/434 Plural strips forming tubesheet	
165/386	To form only air passages	165/435 Plural bonded conduit end portions, i.e.	
165/387	including side-edge seal or edge spacer bar	tubesheet not needed	
165/388	including spacer bar transverse to plate stack	165/436 Bent conduit assemblies	
165/389	Flow enhancer integral with side-edge seal or	165/437 Coiled	
165/39	edge spacer bar Flange element to connect two adjacent heat	165/438 Helical	
103/37	exchange plates	- St. 125 C. C. C. Marien	
	enemange piaces		

165/439	• • Serially connected conduit assemblies, i.e. no manifold	165/479	• • • Tubes joined to tube plate with adhesive, e.g. glue or braze compound
165/44	Coiled conduit assemblies	165/48	Elongated support members extending between
165/441	Helical		spaced manifolds
165/442	Conduits	165/481	Partitions in manifold define serial flow pattern
165/443	Adjacent conduits with transverse air passages,		for conduits/conduit groups
	e.g. radiator core type	165/482	Partitions are separate members
165/444	including transversely stacked fin sheets	165/483	Flow deflecting/retarding means in header for
165/445	including transverse corrugated fin sheets		even distribution of fluid to plural tubes
165/446	including intermediate sheet between	165/484	Orifices mounted at conduit ends
	adjacent tubes forming air fin passages	165/485	Unitary, i.e. one-piece header structure
165/447	Corrugated sheet	165/486	Corrugated fins disposed between adjacent
165/448	Air conduits, e.g. radiator core type		conduits
165/449	Vertically stacked conduits	165/487	Louvered
165/45	including integral abutting or interlocking	165/488	Header is rounded in cross section, e.g.
100, 10	elements		circular, oval
165/451	including bent conduits	165/489	Two piece header structure
165/452	including fins	165/49	Noncircular tube cross section, e.g. oval,
165/453	Plural elements arranged to form a fluid passage		triangular
165/454	<ul> <li>having side-by-side conduits structure or conduit</li> </ul>	165/491	Manifolds formed in core-enclosing frame
103/434	section	165/492	Plural conduits with ends connected to tube plate
165/455	Readily detachable tubes having ends with	165/493	Welded or fused joint between conduit end and
103/ 133	distinct fluid coupling members engaging		plate
	corresponding coupling members on manifold	165/494	Conduit end deformed, e.g. expanded to affix
165/456	Readily and independently detachable sections		to plate
165/457	Individual manifolds for each section	165/495	Single unitary conduit structure bent to form flow
165/458	Self-contained sections hydraulically connected		path with side-by-side sections
	in series	165/496	Spiral or helical coil
165/459	Strips with shaped, interfitted edges form heat	165/497	Serpentine flow path with straight side-by-side
	exchanger core with plural passages		sections
165/46	with spacers interposed between adjacent	165/498	Fin assembly extends across side-by-side
	passages		sections
165/461	Plate fins formed with tubular projections which	165/499	• • with parallel tubes or tube sections having ends
	join with projections of adjacent plates to form		joined to opposed frame members
	parallel conduits	165/50	<ul> <li>Side-by-side conduits with fins</li> </ul>
165/462	Tapering, nested projections	165/501	<ul> <li>Plate fins penetrated by plural conduits</li> </ul>
165/463	Conduits oblong in cross section	165/502	Lanced
165/464	Conduits formed by joined pairs of matched	165/503	Angled louvers
	plates	165/504	Contoured fin surface
165/465	Manifold space formed in end portions of	165/505	Corrugated strips disposed between adjacent
	plates		conduits
165/466	Manifold spaces provided at one end only	165/506	Side-by-side conduits with means, e.g. support
165/467	with turbulence enhancing pattern embossed on		grid holding them in spaced relation
	joined plates	165/507	• • Straight side-by-side conduits joined for flow of
165/468	Core formed by stack tubular members with		one fluid
	abutting edges	165/508	Side-by-side conduits penetrate parallel plate-
165/469	Reinforcing rod or strip extends across parallel fin		type fins
	edges	165/509	Side-by-side conduits lie in common plane
165/47	Tensioning member within manifold	165/51	<ul> <li>having heat exchange surface treatment, adjunct or</li> </ul>
165/471	<ul> <li>Plural parallel conduits joined by manifold</li> </ul>		enhancement
165/472	U-shaped conduits connected to side-by-side	165/511	Polished heat transfer surface
	manifolds	165/512	Coated heat transfer surface
165/473	• • • with clamping member at joint between header	165/513	Corrosion resistant
	plate and header tank	165/514	Hydrophilic/hydrophobic coating
165/474	with compressible seal at joint	165/515	Patterned surface, e.g. knurled, grooved
165/475	Header plate and tank of dissimilar materials	165/516	Subsurface pockets formed
165/476	• • • Fusion joint, e.g. solder, braze between tube	165/517	Roughened surface
	plate and header tank	165/518	Conduit with discrete fin structure
165/477	Elastic seal element between conduit ends and	165/519	Porous or mesh
	receiving holes in header plate	165/52	Internal and external
165/478	Separate means employed for mechanical	165/521	Pin fins penetrating conduit wall
	attachment and hydraulic seal of conduit ends	165/522	Transverse fins spaced along conduit
	to header plate		

Y10S Heat exchange

165/523	Separated by integral flanges engaging	<b>Unearthing</b>	plants or buried objects
165/504	conduit exterior	171/00	Unearthing plants or buried objects
165/524	Longitudinally extending	171/01	• Peanut digger
165/525	Helical		
165/526	Spine or loop fins	Earth work	<u>ing</u>
165/527	Integrally formed	172/00	Fouth woulding
165/528	Fin and conduit of diverse materials	172/00	Earth working Plant thinners
165/529	• • with structure for promoting turbulence and/or	172/90	. Plant thinners
	breaking up laminar flow adjacent heat transfer surface	Tool driving	g or impacting
165/53	Conduit insert	173/00	Tool driving or impacting
165/531	with wicking structure	173/01	Operable submerged in liquid
165/532	<ul> <li>Heat exchange conduit structure</li> </ul>	173/02	Sound muffling
165/533	Composite of diverse materials	173/02	<ul> <li>Lubrication</li> </ul>
165/534	Concentric layers	173/04	<ul> <li>Liquid operated</li> </ul>
165/535	Helically formed	175701	· Elquid operated
165/536	Noncircular cross-section	<b>Electricity:</b>	conductors and insulators
165/537	Oblong or elliptical	4.000	
165/538	with particular flow connecting structure	174/00	Electricity: conductors and insulators
165/539	<ul> <li>having a heat storage mass</li> </ul>	174/01	Anti-tracking
165/90	• Cooling towers	174/02	. Ballasts
165/901	. Heat savers	174/07	Sodium conductors, connectors
165/902	. Heat storage	174/08	. Shrinkable tubes
165/903	. Convection	174/09	• Pull-out cabinet or drawer with retractable cable
165/904	. Radiation	174/10	Bushing with current transformers
165/905	Materials of manufacture	174/11	• Zipper tubes
165/906	Reinforcement	174/12	Helical preforms
165/907	• Porous	174/13	<ul> <li>High voltage cable, e.g. above 10kv, corona</li> </ul>
165/908	• Fluid jets		prevention
165/909	Regeneration	174/14	having a particular cable application, e.g. winding
165/91	• Tube pattern	174/15	• • • in a power generation system, e.g. prime-move
165/911	Vaporization	151/16	dynamo, generator system
165/912	Combined or convertible heat exchange modes	174/16	in a motive power system, e.g. electric motor
165/913	• Condensation	174/17	control system
165/914	• Filming	174/17	in an electric power conversion, regulation, or protection system
165/915	• Foaming	174/18	in a power distribution network
165/916	• Oil cooler	174/19	in a dynamo-electric machine
165/917	<ul> <li>Pressurization and/or degassification</li> </ul>	174/19	Stator
165/918	. Heated and cooled food cabinets and/or trays	174/20	Rotor
165/919	Wheeled	174/21	Winding per se
165/92	Particulate heat exchange	174/22	in a circuit breaker, relay, or switch
165/921	. Dew point	174/23	in a circuit breaker, relay, or switch in an inductive device, e.g. reactor,
	· 20. Pomo	174/24	electromagnet
<u>Wells</u>		174/25	Transformer
166/00	Wells	174/26	<ul> <li>having a plural-layer insulation system</li> </ul>
166/901	• Wells in frozen terrain	174/27	including a semiconductive layer
166/902	<ul> <li>for inhibiting corrosion or coating</li> </ul>	174/28	Plural semiconductive layers
		174/29	having a semiconductive layer
<u>Farriery</u>		174/30	having insulation with a particular dimension or
168/00	Farriery	174/31	geometry  • having a shield or metallic layer
168/01	Nonmetallic	174/31	<ul> <li>having a shield of metanic rayer</li> <li>having means for cooling</li> </ul>
168/02	• Traction shape	174/32	<ul> <li>naving means for cooling</li> <li>Method of cable manufacture, assembly, repair,</li> </ul>
Fire extingui	ishers	1/4/33	or splicing
_		174/34	• PCB in box or housing
169/00	Fire extinguishers	174/35	• Box or housing mounted on substrate or PCB
169/01	• Floats	*** * * *	
169/02 169/03	Ablative fluids     Trip mechanisms	Weighing so	
169/03	• Trip incentainsmis	177/00	Weighing scales
		177/02 177/03	<ul><li>Digitizers mechanical</li><li>Digitizers electrical</li></ul>

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**Y10S** Weighing scales

Weighing sc	ales		Y10S
177/04	Digitizers non-sensing	Conveyors,	chutes, skids, guides, and ways
177/05	• Magnets	102/00	Common about a skide swider and many
177/06	Photoelectric	<b>193/00</b> 193/01	Conveyors, chutes, skids, guides, and ways  Coin chute
177/07	Pneumatic controls	193/01	
177/08	• RR motion	193/02	. Indicators, safety devices and signals
177/09	Scale bearings	Check-actua	ated control mechanisms
177/10	. Telemetric		
177/11	<ul> <li>Vibrators</li> </ul>	194/00	Check-actuated control mechanisms
N	1	194/90	Parking meter with barrier
Motor vehic	<u>eies</u>	194/901	. Check-operated toll booth
180/00	Motor vehicles	194/902	. Check-operated device for controlling parking lot
180/90	Argicultural-type tractors	194/903	Check-controlled turnstile
180/901	<ul> <li>Devices for traversing vertical surfaces</li> </ul>	194/904	Check-operated releaser for automobile service equipment
180/902	<ul> <li>Shock or vibration absorbing or transmitting means</li> </ul>	194/905	Shopping cart return
	between wheel suspension and motor	194/906	Video cassette vendor
180/903	<ul> <li>Airstream reactive vehicle or vehicle structure</li> </ul>	174/700	· video cassette vendor
180/904	<ul> <li>Traction dollies for aircraft</li> </ul>	Conveyors:	power-driven
180/905	• Axles		
180/906	Adjustable axles	198/00	Conveyors: power-driven
180/907	<ul> <li>Motorized wheelchairs</li> </ul>	198/95	Conveyor transverses wall aperture
180/908	<ul> <li>Motor vehicles with short wheelbase</li> </ul>	198/951	Turning cigarettes end-for-end
		198/952	Heating or cooling
<b>Acoustics</b>		198/953	Coil spring untangling apparatus
181/00	Acoustics	198/954	• Overflow
181/40	Wave coupling	198/955	. Air manifold
181/401	Earth	198/956	. Impact plates
181/402	Liquid	198/957	Conveyor material
181/403	Refrigerator compresssor muffler	198/958	<ul> <li>Load units counter</li> </ul>
181/404	Hobby craft engine muffler	198/959	• Weighing
	ing, weight, or animal powered	Electricity:	circuit makers and breakers
-	<u> </u>	200/00	Electricity: circuit makers and breakers
185/00	Motors: spring, weight, or animal powered	200/02	Body attached switches
185/01	<ul> <li>Spring powered toys</li> </ul>	200/02	Coin operated
185/02	<ul> <li>foreign digest</li> </ul>	200/03	High potential type insulation
		200/04	Fluid pressure: fluid amplifier
Elevator, in	dustrial lift truck, or stationary lift for vehicle	200/05	Tie bar
187/00	Elevator, industrial lift truck, or stationary lift for	200/07	Molded drum
	vehicle	200/07	Disturbance
187/90	Temporary construction elevator for building	200/09	Momentum
187/901	Control modified for use by disabled individual	200/10	Curb, bumper and fender
187/902	Control for double-decker car	200/10	Web or thread actuated
		200/11	Burglar screens
<u>Brakes</u>		200/12	<ul> <li>Shaft bearing and armature wear indicator switches</li> </ul>
188/00	Brakes	200/13	Rail or leak indicator
188/01	Panic braking	200/15	Bin alarm
188/02	Hill holder	200/16	Gas detector
188/03	Progressive braking	200/17	Gas engine and motor vehicle
100/05	• Progressive Graning	200/17	Gravity
Trunks and	hand-carried luggage	200/19	• Gravity • Gyroscope
100/00	T	200/19	Sound and vibration operated
<b>190/00</b>	Trunks and hand-carried luggage	200/20	Pencil, counter or dispenser operated
190/90	Brief case type	200/21	Strain relief, shear pin
190/901	. Flat opening	200/22	. Game
190/902		200/23	
100/003	• with closure flap	200/24	. Plug holder
190/903	. Zipper	200/24 200/26	Plug holder     Slack cable operated
	. Zipper	200/26	Slack cable operated
	. Zipper  d power-stop control	200/26 200/27	<ul><li>Slack cable operated</li><li>Thermal magnetic snap</li></ul>
	. Zipper	200/26	Slack cable operated

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200/30

200/31

. Fluid conductor

. Fluid flow

192/02

. Universal joint

200/32 200/33 200/34 200/35 200/36	<ul> <li>Speed responsive</li> <li>Speed synchronizing switch</li> <li>Recording and reproducing</li> <li>Weight operated tread/treadless switch</li> <li>Light operated switches</li> </ul>	204/04 204/05 204/06 204/07 204/08	<ul> <li>Electrolysis cell combined with fuel cell</li> <li>Magnetic plus electrolytic</li> <li>Unusual non-204 uses of electrolysis</li> <li>Current distribution within the bath</li> <li>AC plus DC</li> </ul>
200/37 200/38 200/39 200/40	<ul> <li>Hose</li> <li>Money till drawer operated</li> <li>Motor vehicle-steering column</li> <li>Moisture</li> </ul>	204/09 204/12 204/13	<ul> <li>Wave forms</li> <li>Electrochemical machining</li> <li>Purification and treatment of electroplating baths and plating wastes</li> </ul>
200/41 200/42 200/43 200/44 200/46	<ul> <li>Liquid contact</li> <li>Contact welding considerations</li> <li>Fluid-operated matrix switches</li> <li>Lubrication-periodic switches</li> <li>Separators and/or insulators for stacked leaf spring contacts</li> <li>Light guides for switch indicators, e.g. prisms, reflectors or cables</li> </ul>	204/90 204/901 204/902 204/903	<ul> <li>Effecting a change in isomerization by wave energy</li> <li>Effecting a color change by wave energy</li> <li>Production of desired compound by wave energy in presence of a chemically designated nonreactant chemical treating agent, excluding water, chloroform, carbon tetrachloride, methylene chloride or benzene</li> <li>Inorganic chemical treating agent</li> </ul>
Distillation:	processes, thermolytic	204/904 204/905 204/907	Metal treating agent     Heavy metal agent
201/00 201/42 201/43 201/44 201/45 Distillation:	Distillation: processes, thermolytic  Particle size  An extraneous, cyclically circulated, inert heating gas  Plural distinct temperature stages  Distillate treatment or conservation	204/907 204/908 204/909 204/91 204/911 204/912 204/913 204/914	<ul> <li>Silicon or boron treating agent</li> <li>Phosphorus treating agent</li> <li>Heavy metal treating agent</li> <li>Sulfur treating agent</li> <li>Nitrogen treating agent</li> <li>Oxygen treating agent</li> <li>Peroxide agent</li> <li>Only carbon, hydrogen or halogen atom in</li> </ul>

treating agent

of preparing the compositions

Electrolysis: processes, compositions used therein, and methods

Special receptacle or package

. Chewing gum

# **Distillation: apparatus**

202/00 Distillation: apparatus 202/01 . Scale problems digest

#### **Distillation: processes, separatory**

Distillation:	<u>s processes, separatory</u>	205/00	Electrolysis: processes, compositions used therein,
203/00	Distillation: processes, separatory	203/00	and methods of preparing the compositions
203/01	• Solar still	205/915	Electrolytic deposition of semiconductor
203/02	<ul> <li>Laboratory distillation</li> </ul>	205/916	Sequential electrolytic and nonelectrolytic, or
203/03	Acrylonitrile		nonelectrolytic and electrolytic coating from the
203/04	. Heat pump		same bath
203/05	Human waste	205/917	<ul> <li>Treatment of workpiece between coating steps</li> </ul>
203/06	Reactor-distillation	205/918	<ul> <li>Use of wave energy or electrical discharge during</li> </ul>
203/07	Start up or shut down		pretreatment of substrate or post-treatment of
203/08	Waste heat		coating
203/09	<ul> <li>Plural feed</li> </ul>	205/919	• Waterproofing
203/10	<ul> <li>Vinyl acetate</li> </ul>	205/92	Electrolytic coating of circuit board or printed
203/11	Batch distillation		circuit, other than selected area coating
203/13	. Spirits	205/921	• Electrolytic coating of printing member, other than
203/14	Ejector-eductor	205/022	selected area coating
203/16	. Combination	205/922	<ul> <li>Electrolytic coating of magnetic storage medium, other than selected area coating</li> </ul>
203/17	Saline water conversion	205/923	Solar collector or absorber
203/18	. Control	205/925	
203/19	. Sidestream	203/924	Electrolytic coating substrate predominantly comprised of specified synthetic resin
203/20	• Power plant	205/925	Synthetic resin is electrically conductive
203/21	Acrylic acid or ester	205/926	Polyamide or polyimide, e.g. nylon
203/22	<ul> <li>Accessories</li> </ul>	205/927	Polyolefin, e.g. polyethylene, polypropylene
203/23	. Methanol	205/928	ABS copolymer
203/24	Mobile, marine distiller	203/328	· · Abs coporymer
203/25	<ul> <li>Non-distilling bottoms treatment</li> </ul>	Special recei	ptacle or package
203/90	Particular type of heating	206/00	Special recentacie or package

#### Chemistry: electrical and wave energy

204/00		206/802	<ul> <li>Shirred sausage casing</li> </ul>
204/00	Chemistry: electrical and wave energy	206/803	. Emergency, e.g. flare, first aid, survival pack
204/03	<ul> <li>Auxiliary internally generated electrical energy</li> </ul>	206/804	with means to lift or draw out content

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206/00

206/80

Special receptacle or package Y10S

208/01	Automatic control	<u>Liquid purif</u>	<u>ication or separation</u>
208/00	Mineral oils: processes and products		
Mineral oils:	: processes and products	209/942	opening  Operator selects destination of item
206/833	Apertured side walls	209/941	Item carrying bridge raisable to expose discharge
206/832	Semiconductor wafer boat	209/94	Noncondition-responsive sorting by contour
206/831	Detachable coupon	209/939	Video scanning
206/83	Biscuit package	209/938	Illuminating means facilitating visual inspection
206/829	Vacuum, or suction, cup adjunct	209/937	Laundry sorting
206/828	• Medicinal content	209/936	Plural items tested as group
206/825	. Recoil-type retainer	209/935	Ambulant
206/824	• Tear apertures for roll, strip, or sheet	209/934	lengthwise of feed path
206/823	Cosmetic, toilet, powder puff	209/933	Moving items to sorting means in spaced relation
206/822	• Special shape	209/932	<ul><li>Fluid applied to items</li><li>Accumulation receiving separated items</li></ul>
206/821	Stacking member	209/931	•
206/82	Separable, striplike plural articles	209/93	Municipal solid waste solding     Materials of construction
206/819	. Material	209/929	Municipal solid waste sorting
206/818	• Magnet	209/928	Fastener sorter
206/817	• Follower	209/927 209/928	Cop sorter     Container closure sorter
206/816	• Flexible closure, e.g. sliding desktop type	209/926 209/927	Silverware sorter
206/815	• Finger opening	209/926	separating station
206/814	Space filler	209/925	Driven or fluid conveyor moving item from
206/813	• Adhesive	200/027	station
206/812	<ul> <li>Packaged towel</li> </ul>	209/924	• Gravity conveyor moving item from separating
206/811	• Waterproof		conveyor
206/81	<ul> <li>Zipper, i.e. receptacle securement</li> </ul>	209/923	<ul> <li>Feed through including at least one endless</li> </ul>
206/809	• X-type	209/922	<ul> <li>Miscellaneous feed conveyors</li> </ul>
206/807	• Tamper proof	209/921	<ul> <li>Reciprocating or oscillating feed conveyor</li> </ul>
206/806	• Suspension	209/92	Vibratory feed conveyor
206/805	. Rubber band	209/919	<ul> <li>Rotary feed conveyor</li> </ul>

210/00

### M

<b>208/00</b>	Mineral ons: processes and products
208/01	Automatic control
208/02	Molecular sieve
208/95	<ul> <li>Processing of "fischer-tropsch" crude</li> </ul>
208/951	. Solid feed treatment with a gas other than air,
	hydrogen or steam
208/952	<ul> <li>Solid feed treatment under supercritical conditions</li> </ul>

### $\underline{Classifying, separating, and \ assorting \ solids}$

209/00	Classifying, separating, and assorting solids
209/90	Sorting flat-type mail
209/901	Froth flotation; copper
209/902	• Froth flotation; phosphate
209/903	<ul> <li>Feeder conveyor having opposed grippers</li> </ul>
209/904	<ul> <li>Feeder conveyor holding item by magnetic attraction</li> </ul>
209/905	<ul> <li>Feeder conveyor holding item by suction</li> </ul>
209/906	<ul> <li>Pneumatic or liquid stream feeding item</li> </ul>
209/907	Magnetic feeder
209/908	. Item fed by free fall
209/909	<ul> <li>Item holding feed magazine insertable in sorting apparatus</li> </ul>
209/91	Feed hopper
209/911	<ul> <li>Feed means supporting or guiding item moving under influence of gravity</li> </ul>
209/912	• Endless feed conveyor with means for holding each item individually
209/913	Screw feed conveyor
209/914	<ul> <li>Diverse sequential feeding steps</li> </ul>
209/915	Centrifugal feeder
209/916	<ul> <li>Reciprocating pusher feeding item</li> </ul>
209/917	<ul> <li>Endless belt pusher feeding item</li> </ul>
209/918	• Swinging or rotating pusher feeding item

	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
210/03	Belt alignment
210/05	. Coalescer
210/06	. Dehydrators
210/07	• Drier blocks
210/08	Fat fryer
210/09	Floating cover
210/13	• Part flow-full flow
210/17	• Twist-on
210/90	• Ultra pure water, e.g. conductivity water
210/901	• Specified land fill feature, e.g. prevention of ground
	water fouling
210/902	Materials removed
210/903	Nitrogenous
210/904	CN containing
210/905	Protein
210/906	Phosphorus containing
210/907	Phosphate slimes
210/908	Organic
210/909	Aromatic compound, e.g. pcb, phenol
210/91	Nonbiodegradable surfacant
210/911	Cumulative poison
210/912	Heavy metal
210/913	Chromium
210/914	Mercury
210/915	Fluorine containing
210/916	Odor, e.g. including control or abatement
210/917	Color
210/918	Miscellaneous specific techniques
210/919	using combined systems by merging parallel diverse waste systems
	•

Liquid purification or separation

210/92	using combined systems of sequential local and	220/21	. Shields
	regional or municipal sewage systems	220/22	• Seamless
210/921	Flow equalization or time controlled stages or	220/23	• Fiberglass
	cycles	220/24	Tank trucks
210/922	Oil spill cleanup, e.g. bacterial	220/25	<ul> <li>U-shaped sectional</li> </ul>
210/923	using mechanical means, e.g. skimmers, pump	220/26	• Vanity
210/924	using physical agent, e.g. sponge, mop	220/27	• Vents
210/925	using chemical agent	220/28	• Washtubs
210/926	• using oxidation ditch, e.g. carousel	220/29	• Welded seam
210/928	• Paper mill waste, e.g. white water, black liquor	220/30	. Biodegradable
210/020	treated	220/31	. Sonic seal
210/929	Hemoultrafiltrate volume measurement or control	220/32	Radiator cap
210/02	processes  Daint dataskifting	220/33	Gasoline tank cap
210/93 210/931	<ul><li>Paint detackifying</li><li>Zebra mussel mitigation or treatment</li></ul>	220/34	. Anti-tamper pharmaceutical capsules, e.g. tamper
210/931	. Zeora musser mitigation of treatment		indicating or resistant
Supports: rac	eks	220/90	Rupture proof
		220/901	<ul> <li>Liquified gas content, cryogenic</li> </ul>
211/00	Supports: racks	220/902	. Foam
211/01	Magnetic article holder	220/903	Insulating jacket for beverage container
Trovorsing h	ointo	220/904	• Pail or bucket of flexible or flaccid material, e.g.
Traversing h	<u>ousts</u>	220/005	fabric, rubber
212/00	Traversing hoists	220/905	Flexible fuel tank for a vehicle
212/901	Dolley-type cranes	220/906	. Beverage can, i.e. beer, soda
		220/907	• Collapsible
Bottles and ja	<u>nrs</u>	220/908	• Trash container
215/00	Bottles and jars	220/9081	with liner
215/01	. Fins	220/9082	including deodorizer, animal repellent, or insecticide
215/02	• Coatings and laminations for making of bottle caps	220/9083	including guiding means for directing trash into
215/03	• Medical	220/9083	the container, e.g. funnel
215/04	Capping materials	220/909	Segregated
215/05	• Spoons	220/91	. Table-top type
215/06	Resin-coated bottles	220/911	Can converted to ash container
215/07	• with drinking cup	220/912	Cookware, i.e. pots and pans
215/08	• Mixing	220/913	Ventilated container
215/90	Collapsible wall structure	220/914	Container contoured to fit a body part
215/901	Tamper-resistant structure	220/915	Aerosol valve cap or protector
215/902	. Vent	220/9151	Hand-carried container for transporting a beverage
Receptacles			or prepared food, e.g. lunch box, dinner pail, picnic cooler
220/00	Receptacles	220/9152	insulated cooler, e.g. for use on a picnic, at the
220/01	. Beer barrels		beach
220/02	Bottle crates	220/916	<ul> <li>Container including axially opposed removable</li> </ul>
220/03	Breaker strips and sealing strips		closures
220/04	• Bushings	220/917	Corrosion resistant container
220/05	• Antidrip	220/918	Spacing element for separating the walls of a
220/06	• Drains	220/040	spaced-wall container
220/07	• Flexible tubes	220/919	. Removable or separable spacing element
220/08	. Ice cream cabinets	220/92	Shock absorbing spacing element, e.g. spring
220/09	<ul> <li>insulating materials</li> </ul>	220/921	Spacing element of unitary construction with one
220/10	• Lunch kits		wall
220/11	• Materials	Article dispe	nsing
220/12	• Molded	_	noming.
220/13	• Odd-shaped	221/00	Article dispensing
220/14	• Plastic	221/01	. Storage retrieval
220/15	Plastic bottle crates	Diamonoi	
220/16	Pressure indicators	<b>Dispensing</b>	
220/17	Pressure and temperature locks	222/00	Dispensing
220/18	. Refrigerator linings	222/01	. Xerography
220/19	Rubber plugs and caps		
220/20	Safety locking devices		

Y10S Apparel apparatus

#### Apparel apparatus 227/902 Surgical clips or staples

Apparel apparatus		227/902	Surgical clips or staples
<b>223/00</b> 223/01	Apparel apparatus  . Tie hanger	Metal fusion	bonding
223/01	Holders and clamps	228/00	Metal fusion bonding
223/02	Reversible hanger	228/901	Process of bonding batteries
223/03	Hooks	228/902	• using flame
223/04	· HOOKS	228/903	Metal to nonmetal
Package and	article carriers	228/904	Wire bonding
224/00	Package and article carriers	Envelopes, w	rappers, and paperboard boxes
224/901	Carrier component having adherent surface	229/00	Envelopes, wrappers, and paperboard boxes
224/9012	Loop and hook fastener	229/90	including means to facilitate handling by a
224/9014	On strap	229/90	mechanical apparatus during manufacturing or
224/9016	Closure fastener		filling
224/9018	• • • Connection between support and article or receiver	229/901	Box structure alternatively useable as a container or a lid
224/902	Battery carrier	229/902	Box for prepared or processed food
224/903	<ul> <li>Holder for timepiece not carried on wrist</li> </ul>	229/903	Ovenable, i.e. disclosed to be placed in an oven
224/904	. Tool holder carried by belt	229/904	Compartmented fast food holder or lap tray
224/905	. Attaching means crossing back of pack animal	229/9041	. Candy
224/906	Container formed of folded paperboard	229/905	. Frozen food
224/907	Rigid shield or pad positioned between article and	229/906	. Baked goods
221/222	bearer	229/9061	<ul> <li>Cup lid with means for forming a drinking opening</li> </ul>
224/908	Carrier for camera or other photographic equipment	229/907	Trash box
224/909	. Binocular carrier	229/908	Paint tray
224/91	Carrier for musical instrument	229/909	· Cigar box
224/911	. Handgun holder formed of leather, fabric, or other	229/91	<ul> <li>Bucket or pail type, i.e. liquid proof container with</li> </ul>
224/012	flexible material	225/51	handle
224/912	Handgun holder formed of metal or other rigid material	229/911	• • with closure
224/913	Carrier for rifle or shotgun	229/912	Separate element
224/914	Carrier for fine of shotgun     Carrier for handcuffs, blackjack, club, or other	229/913	. Drawer-type
224/714	equipment carried by policeman	229/914	Basket-type with handle
224/915	Carrier for folded umbrella	229/915	Stacking feature
224/916	Carrier for bow or arrow	229/9151	Gable-top box
224/917	Ski carrier	229/916	Means for ventilating while stacked
224/9175	Vehicle attached	229/917	Stacking of collapsed container or blank
224/918	Carrier for golf tee or marker	229/918	Corner construction
224/919	. Ball carrier	229/919	Reinforced wall
224/92	• Carrier for fishing bait or lure, or fish carrier other	229/92	Stress relief
	than stringer	229/921	<ul> <li>with mailing indicia</li> </ul>
224/921	Game carrier other than stringer	229/922	<ul> <li>with decorative feature</li> </ul>
224/922	Fishing rod holder	229/923	Gift wrapped
224/923	<ul> <li>Carrier with sleeping compartment</li> </ul>	229/924	<ul> <li>Means to facilitate gripping a tear strip</li> </ul>
224/924	<ul> <li>Vehicle attached carrier for bicycle or motorcycle</li> </ul>	229/925	• Finger opening, e.g. slit, aperture
224/925	Carrier for grocery bag	229/926	Pull tab located in a seam
224/926	<ul> <li>Vehicle attached carrier for beverage container or</li> </ul>	229/927	<ul> <li>Means for tearing or breaking rigid or semirigid</li> </ul>
	bottle		thermoplastic container
224/927	Carrier for clothes hanger	229/928	Expandable envelope
224/928	Trash receptacle	229/929	. Vented envelope
224/929	Article carrier for electrical device	229/93	• Fold detail
224/93	Attached to animate bearer	229/931	Fold includes slit or aperture
224/931	• Carrier for ammunition	229/932	. Ice cream cone carrier
224/932	Carrier for towel or handkerchief	229/933	Mating container blanks
224/933	• Carrier for gloves	229/934	Compartmented bottle carrier
224/934	Underwater carrier	229/935	No waste, i.e. edge-to-edge blanks
224/935	Carrier for cycle lock	229/936	Three or more blanks with alternating orientations
Floranta I	ember-driving apparatus	229/937	Plural blanks for making a single container
rannyaren.m	ETITICE - TILLIVING ADDIATABLE	220/029	Candwich holder

## **Elongated-member-driving apparatus**

longated-m	ember-driving apparatus	229/938	Sandwich holder
227/00	Elongated-member-driving apparatus	229/939	Container made of corrugated paper or corrugated
227/901	Surgical clip appliers		paperboard
		229/94	Container material with specified grain direction

239/11

. Magnets

229/941	Box having joint structure for preventing leakage	239/12	• Flexible outlets
229/942	Nonreusable box having means to facilitate	239/13	Soot blowers and tube cleaners
	collapsing or disassembling for disposal or for	239/14	• Paint sprayers
	recycling of the box material, e.g. "knockdown"	239/15	Sprinkler systems with controls
	type	239/17	• Low volume
		239/19	Nozzle materials
Selective cut	ting, e.g. punching	239/21	Air blast
234/00	Selective cutting, e.g. punching	239/22	<ul> <li>Safety air nozzles</li> </ul>
234/01	Fluid and photoelectric control	239/23	Screens
234/01	• Pland and photoelectric condor	239/90	<ul> <li>Electromagnetically actuated fuel injector having</li> </ul>
Registers		239/90	ball and seat type valve
J			our and seat type varve
235/00	Registers	Solid materi	al comminution or disintegration
235/90	• Means to affix bar code, e.g. attaching, etching,	241/00	
	coating, printing	241/00	Solid material comminution or disintegration
235/901	Bar code reader specialized to read code on a highly	241/10	Foundry sand treatment
	reflective surface	241/14	Grinding in inert, controlled atmosphere
Automatic t	emperature and humidity regulation	241/17	. Ice crushers
Automatic	emperature and numberly regulation	241/27	• Pill or tablet crushers
236/00	Automatic temperature and humidity regulation	241/30	• Rubber elements in mills
236/01	Adjustable lever	241/31	Rubber preparation
236/02	. Fail safe	241/37	<ul> <li>Cryogenic cooling</li> </ul>
236/03	Safety electric	241/38	Solid waste disposal
236/04	Safety vacuum	241/60	<ul> <li>Furnace stokers</li> </ul>
236/05	• Fusible	241/601	. Sand mullers
236/06	. Clamp on	241/602	Soap dispensers
236/07	Coil bulb	241/603	Animal powered mill
236/08	Computer	241/604	<ul> <li>Plural inlets for diverse solid materials</li> </ul>
236/09	. Fan control	241/605	. Hay unbaler
236/10	• Filling	241/606	<ul> <li>Medical/surgical waste comminution</li> </ul>
22-11-1			
236/11	Expandible fluid		
236/11 236/12	Expandible fluid     Heat conductor	Winding, ter	nsioning, or guiding
236/12	-		
236/12 236/13	Heat conductor     Humidithermostat	242/00	Winding, tensioning, or guiding
236/12	Heat conductor	<b>242/00</b> 242/01	Winding, tensioning, or guiding  Tape program control means
236/12 236/13 236/14	<ul><li>Heat conductor</li><li>Humidithermostat</li><li>intermittant control</li><li>Photocell</li></ul>	<b>242/00</b> 242/01 242/02	Winding, tensioning, or guiding  Tape program control means Narrow fabric winding apparatus
236/12 236/13 236/14 236/15	<ul><li>Heat conductor</li><li>Humidithermostat</li><li>intermittant control</li><li>Photocell</li><li>Relief spring</li></ul>	<b>242/00</b> 242/01 242/02 242/03	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers
236/12 236/13 236/14 236/15 236/16 236/17	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> </ul>	242/00 242/01 242/02 242/03 242/90	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material
236/12 236/13 236/14 236/15 236/16	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> </ul>	242/00 242/01 242/02 242/03 242/90 242/901	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding
236/12 236/13 236/14 236/15 236/16 236/17 236/18	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> </ul>	242/00 242/01 242/02 242/03 242/90 242/901 242/902	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel
236/12 236/13 236/14 236/15 236/16 236/17 236/18	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul>	242/00 242/01 242/02 242/03 242/90 242/901 242/902 242/903	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19 <b>Heating syst</b>	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul>	242/00 242/01 242/02 242/03 242/90 242/901 242/902 242/903 242/904	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19 Heating syst	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul> Heating systems	242/00 242/01 242/02 242/03 242/90 242/901 242/902 242/903	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant,
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19 <b>Heating syst</b>	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul>	242/00 242/01 242/02 242/03 242/90 242/901 242/902 242/903 242/904 242/905	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant, paper
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19 <b>Heating syst</b> 237/00 237/01	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul> Heating systems <ul> <li>Inert gas</li> </ul>	242/00 242/01 242/02 242/03 242/90 242/901 242/902 242/903 242/904 242/905	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant, paper  Static charger or discharger
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19 Heating syst	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul> Ems <ul> <li>Heating systems</li> <li>Inert gas</li> </ul> Inface track	242/00 242/01 242/02 242/03 242/90 242/901 242/902 242/903 242/904 242/905 242/906 242/907	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant, paper  Static charger or discharger  Vibration creation or dampening
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19 <b>Heating syst</b> 237/00 237/01	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul> Heating systems <ul> <li>Inert gas</li> </ul>	242/00 242/01 242/02 242/03 242/90 242/901 242/902 242/903 242/904 242/905 242/906 242/907 242/908	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant, paper  Static charger or discharger  Vibration creation or dampening  Fluid treatment or handling
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19 Heating syst 237/00 237/01	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul> Ems <ul> <li>Heating systems</li> <li>Inert gas</li> </ul> Inface track	242/00 242/01 242/02 242/03 242/90 242/901 242/902 242/903 242/904 242/905 242/906 242/907 242/908 242/909	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant, paper  Static charger or discharger  Vibration creation or dampening  Fluid treatment or handling  Heating or cooling
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19 Heating syst 237/00 237/01 Railways: su 238/00 238/01	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul> Ems Heating systems <ul> <li>Inert gas</li> </ul> Inface track Railways: surface track <ul> <li>Track structure assembled by gluing</li> </ul>	242/00 242/01 242/02 242/03 242/90 242/901 242/902 242/903 242/904 242/905 242/906 242/907 242/908 242/909 242/91	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant, paper  Static charger or discharger  Vibration creation or dampening  Fluid treatment or handling  Heating or cooling  Convolution tightener or loosener
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19 Heating syst 237/00 237/01 Railways: su 238/00 238/01	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul> Rems Heating systems <ul> <li>Inert gas</li> </ul> Inface track Railways: surface track	242/00 242/01 242/02 242/03 242/90 242/901 242/902 242/903 242/904 242/905 242/906 242/907 242/908 242/909 242/91	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant, paper  Static charger or discharger  Vibration creation or dampening  Fluid treatment or handling  Heating or cooling  Convolution tightener or loosener  Cutter
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19 Heating syst 237/00 237/01 Railways: su 238/00 238/01	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul> Ems <ul> <li>Heating systems</li> <li>Inert gas</li> </ul> Inface track <ul> <li>Railways: surface track</li> <li>Track structure assembled by gluing</li> </ul> Eding, spraying, and diffusing	242/00 242/01 242/02 242/03 242/90 242/901 242/902 242/903 242/904 242/905 242/906 242/907 242/908 242/909 242/91 242/911 242/912	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant, paper  Static charger or discharger  Vibration creation or dampening  Fluid treatment or handling  Heating or cooling  Convolution tightener or loosener  Cutter  Indicator or alarm
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19 Heating syst 237/00 237/01 Railways: su 238/00 238/01 Fluid sprink 239/00	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul> Ems <ul> <li>Heating systems</li> <li>Inert gas</li> </ul> Inert gas Irface track Railways: surface track <ul> <li>Track structure assembled by gluing</li> </ul> Eding, spraying, and diffusing Fluid sprinkling, spraying, and diffusing	242/00 242/01 242/02 242/03 242/90 242/901 242/902 242/903 242/904 242/905 242/906 242/907 242/908 242/909 242/91 242/911 242/912 242/913	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant, paper  Static charger or discharger  Vibration creation or dampening  Fluid treatment or handling  Heating or cooling  Convolution tightener or loosener  Cutter  Indicator or alarm  Safety device
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19 Heating syst 237/00 237/01 Railways: su 238/00 238/01 Fluid sprink 239/00 239/01	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul> Ems <ul> <li>Heating systems</li> <li>Inert gas</li> </ul> Inert gas Irface track Railways: surface track <ul> <li>Track structure assembled by gluing</li> </ul> Cling, spraying, and diffusing Fluid sprinkling, spraying, and diffusing <ul> <li>Pattern sprinkler</li> </ul>	242/00 242/01 242/02 242/03 242/90 242/901 242/902 242/903 242/904 242/905 242/906 242/907 242/908 242/909 242/91 242/911 242/913 242/913	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant, paper  Static charger or discharger  Vibration creation or dampening  Fluid treatment or handling  Heating or cooling  Convolution tightener or loosener  Cutter  Indicator or alarm  Safety device  Special bearing or lubrication
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19 Heating syst 237/00 237/01 Railways: su 238/00 238/01 Fluid sprink 239/00 239/01 239/02	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul> Heating systems <ul> <li>Inert gas</li> </ul> Heating systems <ul> <li>Track</li> <li>Track structure assembled by gluing</li> </ul> Hing, spraying, and diffusing <ul> <li>Fluid sprinkling, spraying, and diffusing</li> <li>Pattern sprinkler</li> <li>Scarfing torches</li> </ul>	242/00 242/01 242/02 242/03 242/90 242/901 242/902 242/903 242/904 242/905 242/906 242/907 242/908 242/909 242/91 242/911 242/913 242/914 242/914	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant, paper  Static charger or discharger  Vibration creation or dampening  Fluid treatment or handling  Heating or cooling  Convolution tightener or loosener  Cutter  Indicator or alarm  Safety device  Special bearing or lubrication  Coil gripper
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19 Heating syst 237/00 237/01 Railways: st 238/00 238/01 Eluid sprink 239/00 239/01 239/02 239/03	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul> Heating systems <ul> <li>Inert gas</li> </ul> Heating systems <ul> <li>Inert gas</li> </ul> Hrack track <ul> <li>Railways: surface track</li> <li>Track structure assembled by gluing</li> </ul> Hind sprinkling, spraying, and diffusing <ul> <li>Pattern sprinkler</li> <li>Scarfing torches</li> <li>Fluid amplifier</li> </ul>	242/00 242/01 242/02 242/03 242/90 242/901 242/902 242/903 242/904 242/905 242/906 242/907 242/908 242/909 242/91 242/911 242/911 242/913 242/915 242/916	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant, paper  Static charger or discharger  Vibration creation or dampening  Fluid treatment or handling  Heating or cooling  Convolution tightener or loosener  Cutter  Indicator or alarm  Safety device  Special bearing or lubrication  Coil gripper  Hand tool
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19 Heating syst 237/00 237/01 Railways: st 238/00 238/01 Fluid sprink 239/00 239/01 239/02 239/03 239/04	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul> Ems Heating systems <ul> <li>Inert gas</li> </ul> Hrace track Railways: surface track <ul> <li>Track structure assembled by gluing</li> </ul> Eluid sprinkling, spraying, and diffusing <ul> <li>Pattern sprinkler</li> <li>Scarfing torches</li> <li>Fluid amplifier</li> <li>O-ring</li> </ul>	242/00 242/01 242/02 242/03 242/90 242/901 242/902 242/903 242/904 242/905 242/906 242/907 242/908 242/909 242/91 242/911 242/913 242/914 242/914	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant, paper  Static charger or discharger  Vibration creation or dampening  Fluid treatment or handling  Heating or cooling  Convolution tightener or loosener  Cutter  Indicator or alarm  Safety device  Special bearing or lubrication  Coil gripper  Hand tool  Accommodating special material or article, e.g.
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19 Heating syst 237/00 237/01 Railways: st 238/00 238/01 Fluid sprink 239/00 239/01 239/02 239/03 239/04 239/05	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul> Ems Heating systems <ul> <li>Inert gas</li> </ul> Hrace track Railways: surface track <ul> <li>Track structure assembled by gluing</li> </ul> Eluid sprinkling, spraying, and diffusing <ul> <li>Pattern sprinkler</li> <li>Scarfing torches</li> <li>Fluid amplifier</li> <li>O-ring</li> <li>Ball agitators</li> </ul>	242/00 242/01 242/02 242/03 242/90 242/901 242/903 242/904 242/905 242/906 242/907 242/908 242/909 242/91 242/911 242/911 242/913 242/914 242/915 242/916 242/917	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant, paper  Static charger or discharger  Vibration creation or dampening  Fluid treatment or handling  Heating or cooling  Convolution tightener or loosener  Cutter  Indicator or alarm  Safety device  Special bearing or lubrication  Coil gripper  Hand tool  Accommodating special material or article, e.g. antenna
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19  Heating syst 237/00 237/01  Railways: su 238/00 238/01  Fluid sprink 239/00 239/01 239/02 239/03 239/04 239/05 239/06	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul> Ems Heating systems <ul> <li>Inert gas</li> </ul> Heating systems <ul> <li>Inert gas</li> </ul> Eailways: surface track <ul> <li>Track structure assembled by gluing</li> </ul> Eling, spraying, and diffusing <ul> <li>Fluid sprinkling, spraying, and diffusing</li> <li>Pattern sprinkler</li> <li>Scarfing torches</li> <li>Fluid amplifier</li> <li>O-ring</li> <li>Ball agitators</li> <li>Lawn mower</li> </ul>	242/00 242/01 242/02 242/03 242/90 242/901 242/903 242/904 242/905 242/906 242/907 242/908 242/909 242/91 242/911 242/911 242/913 242/914 242/915 242/916 242/917	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant, paper  Static charger or discharger  Vibration creation or dampening  Fluid treatment or handling  Heating or cooling  Convolution tightener or loosener  Cutter  Indicator or alarm  Safety device  Special bearing or lubrication  Coil gripper  Hand tool  Accommodating special material or article, e.g. antenna  Web material, e.g. thermal insulation
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19  Heating syst 237/00 237/01  Railways: su 238/00 238/01  Fluid sprink 239/00 239/01 239/02 239/03 239/04 239/05 239/06 239/07	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul> Heating systems <ul> <li>Inert gas</li> </ul> Heating systems <ul> <li>Inert gas</li> </ul> Hailways: surface track <ul> <li>Track structure assembled by gluing</li> </ul> Huid sprinkling, spraying, and diffusing <ul> <li>Pattern sprinkler</li> <li>Scarfing torches</li> <li>Fluid amplifier</li> <li>O-ring</li> <li>Ball agitators</li> <li>Lawn mower</li> <li>Coanda</li> </ul>	242/00 242/01 242/02 242/03 242/90 242/901 242/903 242/904 242/905 242/906 242/907 242/908 242/909 242/91 242/911 242/912 242/913 242/914 242/915 242/917 242/918 242/917	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant, paper  Static charger or discharger  Vibration creation or dampening  Fluid treatment or handling  Heating or cooling  Convolution tightener or loosener  Cutter  Indicator or alarm  Safety device  Special bearing or lubrication  Coil gripper  Hand tool  Accommodating special material or article, e.g. antenna  Web material, e.g. thermal insulation  Ground cover, e.g. tarp
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19  Heating syst 237/00 237/01  Railways: su 238/00 238/01  Fluid sprink 239/00 239/01 239/02 239/03 239/04 239/05 239/06 239/07 239/08	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul> Ems Heating systems <ul> <li>Inert gas</li> </ul> Heating systems <ul> <li>Inert gas</li> </ul> Heating systems <ul> <li>Inert gas</li> </ul> Fluid sprinkling spraying and diffusing <ul> <li>Fluid sprinkling, spraying, and diffusing</li> <li>Pattern sprinkler</li> <li>Scarfing torches</li> <li>Fluid amplifier</li> <li>O-ring</li> <li>Ball agitators</li> <li>Lawn mower</li> <li>Coanda</li> <li>Cutter sprayer</li> </ul>	242/00 242/01 242/02 242/03 242/90 242/901 242/903 242/904 242/905 242/906 242/907 242/908 242/909 242/91 242/911 242/911 242/913 242/914 242/915 242/916 242/917	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant, paper  Static charger or discharger  Vibration creation or dampening  Fluid treatment or handling  Heating or cooling  Convolution tightener or loosener  Cutter  Indicator or alarm  Safety device  Special bearing or lubrication  Coil gripper  Hand tool  Accommodating special material or article, e.g. antenna  Web material, e.g. thermal insulation
236/12 236/13 236/14 236/15 236/16 236/17 236/18 236/19  Heating syst 237/00 237/01  Railways: su 238/00 238/01  Fluid sprink 239/00 239/01 239/02 239/03 239/04 239/05 239/06 239/07	<ul> <li>Heat conductor</li> <li>Humidithermostat</li> <li>intermittant control</li> <li>Photocell</li> <li>Relief spring</li> <li>Spring rate compensator</li> <li>Rubber</li> <li>Ventilated thermostat</li> </ul> Heating systems <ul> <li>Inert gas</li> </ul> Heating systems <ul> <li>Inert gas</li> </ul> Hailways: surface track <ul> <li>Track structure assembled by gluing</li> </ul> Huid sprinkling, spraying, and diffusing <ul> <li>Pattern sprinkler</li> <li>Scarfing torches</li> <li>Fluid amplifier</li> <li>O-ring</li> <li>Ball agitators</li> <li>Lawn mower</li> <li>Coanda</li> </ul>	242/00 242/01 242/02 242/03 242/90 242/901 242/903 242/904 242/905 242/906 242/907 242/908 242/909 242/91 242/911 242/912 242/913 242/914 242/915 242/917 242/918 242/917	Winding, tensioning, or guiding  Tape program control means  Narrow fabric winding apparatus  Coreless coilers  Particular apparatus material  Figure eight winding  Line loader for fishing reel  Drum for a winch or hoist  Water ski reel  Winder with storage chamber, e.g. for deodorant, paper  Static charger or discharger  Vibration creation or dampening  Fluid treatment or handling  Heating or cooling  Convolution tightener or loosener  Cutter  Indicator or alarm  Safety device  Special bearing or lubrication  Coil gripper  Hand tool  Accommodating special material or article, e.g. antenna  Web material, e.g. thermal insulation  Ground cover, e.g. tarp

CPC - 2024.05

246/00

Railway switches and signals

Railway switches and signals Y10S

• 4 • 40 •		<b></b>	
246/01	Radiant energy devices	250/909	Methods and apparatus ancillary to stimulable
246/02	. Thermal sensing devices	250/01	phosphor systems
<u>Supports</u>		250/91	<ul> <li>Food sample analysis using invisible radiant energy source</li> </ul>
248/00	Supports	Valves and v	valve actuation
248/90	. Movable or disengageable on impact or overload		varve actuation
248/901	<ul> <li>Support having temperature or pressure responsive</li> </ul>	251/00	Valves and valve actuation
	feature	251/90	• Valves with o-rings
248/902	Eyeglasses holder	251/901	Curtain type valves
248/903	Support reinforcement	251/902	<ul> <li>Springs employed as valves</li> </ul>
248/904	Indicator mount	251/903	Needle valves
248/905	Tissue dispenser mount	251/904	Snap fit plug valves
248/906	<ul> <li>Electrical outlet box support</li> </ul>	251/905	<ul> <li>Movable coil electrical actuator, e.g. voice coil</li> </ul>
248/907	Trash container support	G	
248/908	<ul> <li>Simulation of diverse device</li> </ul>	<b>Composition</b>	<u>1S</u>
248/909	• Frangible component, e.g. having a score line or	252/00	Compositions
	groove	252/18	Activation-platinum
248/91	. Weighted base	252/95	Doping agent source material
248/911	• Plural, selectively usable, support engaging means	252/951	for vapor transport
248/912	• Plural, selectively usable, article engaging means	252/96	Surface flaw detecting compositions
248/913	• Two axis article engaging means, e.g. x - y device	252/961	Stress or contact indicators
248/914	. Handbag holder	252/962	Temperature or thermal history
248/915	• with ornamentation	252/963	Humidity or moisture indicators
248/916	<ul> <li>Mechanical expedients, e.g. in supports</li> </ul>	252/964	Leak detection
248/917	<ul> <li>Video display screen support</li> </ul>	252/965	• Retrospective product identification, e.g. tags and
248/918	Ancillary device support associated with a video		tracers
240/010	display screen		
248/919	. Adjustably orientable video screen support	<u>Implements</u>	or apparatus for applying pushing or pulling force
248/92	Angular and linear video display screen support adjustment	254/00	Implements or apparatus for applying pushing or pulling force
248/921	Plural angular	254/01	. Jack bases
248/922	Angular	254/02	Electric screw jacks
248/923	Tilting	254/03	Jack handles
248/924	. Adjustable size	254/04	Object engaging heads for jacks
248/925	• Mountain climbing aids, e.g. pitons etc.	254/05	• Means for depressing foot brake when adjusting
Static molds			same
		254/06	Flexible rack and pinion
249/00	Static molds	254/07	Printers form trucks
249/01	. Cake pan	254/08	Screw jacks, plural section nut
249/02	. Paper core	254/09	Vehicle-operated lift platform
249/03	Swimming pool	254/10	<ul> <li>Tire or rim expanding or contracting devices</li> </ul>
249/04	. Test mold	254/11	Cable drum feed for presser
249/05	• Hot top		
	• Hot top	254/12	. Pawls
D - 1' 4	•	254/12 254/13	-
Radiant ener	•		• Pawls
Radiant ener	•	254/13	<ul><li>Pawls</li><li>Vehicle retarding drums</li></ul>
	rgy	254/13 254/14	<ul><li>Pawls</li><li>Vehicle retarding drums</li><li>Rope attachment</li></ul>
250/00	rgy Radiant energy	254/13 254/14 254/15	<ul><li>Pawls</li><li>Vehicle retarding drums</li><li>Rope attachment</li><li>Motor clamps</li></ul>
<b>250/00</b> 250/01	Radiant energy  Passive intrusion detectors	254/13 254/14 254/15 254/16	<ul> <li>Pawls</li> <li>Vehicle retarding drums</li> <li>Rope attachment</li> <li>Motor clamps</li> <li>Automobile transmission jack</li> </ul>
<b>250/00</b> 250/01 250/02	Radiant energy Passive intrusion detectors Radon detection	254/13 254/14 254/15 254/16 254/90	<ul> <li>Pawls</li> <li>Vehicle retarding drums</li> <li>Rope attachment</li> <li>Motor clamps</li> <li>Automobile transmission jack</li> <li>Cable pulling drum having wave motion responsive actuator for operating drive or rotation retarding means</li> </ul>
<b>250/00</b> 250/01 250/02 250/90	Radiant energy Passive intrusion detectors Radon detection Optical liquid level sensors	254/13 254/14 254/15 254/16 254/90	<ul> <li>Pawls</li> <li>Vehicle retarding drums</li> <li>Rope attachment</li> <li>Motor clamps</li> <li>Automobile transmission jack</li> <li>Cable pulling drum having wave motion responsive actuator for operating drive or rotation retarding means</li> <li>Antifriction means for cable pulling drum</li> </ul>
<b>250/00</b> 250/01 250/02 250/90	Radiant energy Passive intrusion detectors Radon detection Optical liquid level sensors with gap between light guide elements, includes open light path preset with closed light path preset	254/13 254/14 254/15 254/16 254/90	<ul> <li>Pawls</li> <li>Vehicle retarding drums</li> <li>Rope attachment</li> <li>Motor clamps</li> <li>Automobile transmission jack</li> <li>Cable pulling drum having wave motion responsive actuator for operating drive or rotation retarding means</li> <li>Antifriction means for cable pulling drum</li> <li>Either drum, pulley wheel element, or cable</li> </ul>
250/00 250/01 250/02 250/90 250/901	Radiant energy Passive intrusion detectors Radon detection Optical liquid level sensors with gap between light guide elements, includes open light path preset	254/13 254/14 254/15 254/16 254/90 254/901 254/902	<ul> <li>Pawls</li> <li>Vehicle retarding drums</li> <li>Rope attachment</li> <li>Motor clamps</li> <li>Automobile transmission jack</li> <li>Cable pulling drum having wave motion responsive actuator for operating drive or rotation retarding means</li> <li>Antifriction means for cable pulling drum</li> <li>Either drum, pulley wheel element, or cable constructed from specific material</li> </ul>
250/00 250/01 250/02 250/90 250/901	Radiant energy Passive intrusion detectors Radon detection Optical liquid level sensors with gap between light guide elements, includes open light path preset with closed light path preset	254/13 254/14 254/15 254/16 254/90	<ul> <li>Pawls</li> <li>Vehicle retarding drums</li> <li>Rope attachment</li> <li>Motor clamps</li> <li>Automobile transmission jack</li> <li>Cable pulling drum having wave motion responsive actuator for operating drive or rotation retarding means</li> <li>Antifriction means for cable pulling drum</li> <li>Either drum, pulley wheel element, or cable</li> </ul>
250/00 250/01 250/02 250/90 250/901 250/902 250/903	Radiant energy Passive intrusion detectors Radon detection Optical liquid level sensors with gap between light guide elements, includes open light path preset with closed light path preset with prism contacting liquid with single light guide element to guide light in a	254/13 254/14 254/15 254/16 254/90 254/901 254/902 254/903	<ul> <li>Pawls</li> <li>Vehicle retarding drums</li> <li>Rope attachment</li> <li>Motor clamps</li> <li>Automobile transmission jack</li> <li>Cable pulling drum having wave motion responsive actuator for operating drive or rotation retarding means</li> <li>Antifriction means for cable pulling drum</li> <li>Either drum, pulley wheel element, or cable constructed from specific material</li> <li>Yieldable, constant engagement, friction coupling,</li> </ul>
250/00 250/01 250/02 250/90 250/901 250/902 250/903 250/904	Radiant energy Passive intrusion detectors Radon detection Optical liquid level sensors with gap between light guide elements, includes open light path preset with closed light path preset with closed light path preset with single light guide element to guide light in a continuous path	254/13 254/14 254/15 254/16 254/90 254/901 254/902	<ul> <li>Pawls</li> <li>Vehicle retarding drums</li> <li>Rope attachment</li> <li>Motor clamps</li> <li>Automobile transmission jack</li> <li>Cable pulling drum having wave motion responsive actuator for operating drive or rotation retarding means</li> <li>Antifriction means for cable pulling drum</li> <li>Either drum, pulley wheel element, or cable constructed from specific material</li> <li>Yieldable, constant engagement, friction coupling,</li> </ul>
250/00 250/01 250/02 250/90 250/901 250/902 250/903 250/904	Radiant energy Passive intrusion detectors Radon detection Optical liquid level sensors with gap between light guide elements, includes open light path preset with closed light path preset with rism contacting liquid with single light guide element to guide light in a continuous path with longitudinal irregularity with large scale longitudinal bend with portions of light guide coating or	254/13 254/14 254/15 254/16 254/90 254/901 254/902 254/903	<ul> <li>Pawls</li> <li>Vehicle retarding drums</li> <li>Rope attachment</li> <li>Motor clamps</li> <li>Automobile transmission jack</li> <li>Cable pulling drum having wave motion responsive actuator for operating drive or rotation retarding means</li> <li>Antifriction means for cable pulling drum</li> <li>Either drum, pulley wheel element, or cable constructed from specific material</li> <li>Yieldable, constant engagement, friction coupling, e.g. slip clutch in drive for cable pulling drum</li> </ul> Fences
250/00 250/01 250/02 250/90 250/901 250/902 250/903 250/904 250/905 250/906 250/907	Radiant energy Passive intrusion detectors Radon detection Optical liquid level sensors with gap between light guide elements, includes open light path preset with closed light path preset with rism contacting liquid with single light guide element to guide light in a continuous path with longitudinal irregularity with large scale longitudinal bend with portions of light guide coating or cladding removed	254/13 254/14 254/15 254/16 254/90 254/901 254/902 254/903 Fences	<ul> <li>Pawls</li> <li>Vehicle retarding drums</li> <li>Rope attachment</li> <li>Motor clamps</li> <li>Automobile transmission jack</li> <li>Cable pulling drum having wave motion responsive actuator for operating drive or rotation retarding means</li> <li>Antifriction means for cable pulling drum</li> <li>Either drum, pulley wheel element, or cable constructed from specific material</li> <li>Yieldable, constant engagement, friction coupling, e.g. slip clutch in drive for cable pulling drum</li> </ul> Fences <ul> <li>Compensator, spring</li> </ul>
250/00 250/01 250/02 250/90 250/901 250/902 250/903 250/904 250/905 250/906	Radiant energy Passive intrusion detectors Radon detection Optical liquid level sensors with gap between light guide elements, includes open light path preset with closed light path preset with rism contacting liquid with single light guide element to guide light in a continuous path with longitudinal irregularity with large scale longitudinal bend with portions of light guide coating or	254/13 254/14 254/15 254/16 254/90 254/901 254/902 254/903 Fences 256/00	<ul> <li>Pawls</li> <li>Vehicle retarding drums</li> <li>Rope attachment</li> <li>Motor clamps</li> <li>Automobile transmission jack</li> <li>Cable pulling drum having wave motion responsive actuator for operating drive or rotation retarding means</li> <li>Antifriction means for cable pulling drum</li> <li>Either drum, pulley wheel element, or cable constructed from specific material</li> <li>Yieldable, constant engagement, friction coupling, e.g. slip clutch in drive for cable pulling drum</li> </ul> Fences

Fences Y10S

257/929 256/04 . Board fastener • PN junction isolated integrated circuit with isolation 256/05 walls having minimum dopant concentration at . Metal post intermediate depth in epitaxial layer, e.g. diffused 256/06 . Building construction guard rail from both surfaces of epitaxial layer 257/93 . Thermoelectric, e.g. peltier effect cooling Active solid-state devices, e.g. transistors, solid-state diodes 257/00 Active solid-state devices, e.g. transistors, solid-**Chemistry of carbon compounds** state diodes 260/00 Chemistry of carbon compounds 257/90 . MOSFET type gate sidewall insulating spacer 260/14 257/901 . MOSFET substrate bias . Soil treatment digest, polyelectrolytes 257/902 260/15 . Antistatic agents not otherwise provided for . FET with metal source region 260/16 Antistatic agents containing a metal, silicon, 257/903 . FET configuration adapted for use as static memory boron or phosphorus 260/17 . . High polymeric, resinous, antistatic agents 257/904 . . with passive components,, e.g. polysilicon 260/18 . . . High polymeric, resinous, antistatic agents resistors containing pentavalent nitrogen . Plural dram cells share common contact or common 257/905 260/19 . . Non-high polymeric antistatic agents/n trench 260/20 . . . Antistatic agent contains pentavalent nitrogen 257/906 . Dram with capacitor electrodes used for accessing, 260/21 . Polymer chemically or physically modified to e.g. bit line is capacitor plate impart antistatic properties and methods of antistatic 257/907 . Folded bit line dram configuration agent addition 257/908 Dram configuration with transistors and capacitors 260/22 . Concentration of pairs of cells along a straight line between . Fiber adjacent bit lines 260/23 257/909 Macrocell arrays, e.g. gate arrays with variable size Flameproof 260/24 or configuration of cells 260/25 Metal catalyst 257/91 . Diode arrays, e.g. diode read-only memory array 260/26 Multicolor 257/911 Light sensitive array adapted to be scanned by 260/27 Nomenclature electron beam, e.g. vidicon device 260/28 Peroxide Charge transfer device using both electron and hole 257/912 260/30 **Properties** signal carriers 260/31 Ionic cross-link 257/913 with means to absorb or localize unwanted 260/32 . Incompatible blend impurities or defects from semiconductors, e.g. 260/33 . Molecular sieve heavy metal gettering 260/34 . Hydantoin . Polysilicon containing oxygen, nitrogen, or carbon, 257/914 260/35 . Crystallization e.g. sipos . Closure 260/37 257/915 . with titanium nitride portion or region 260/38 . Ink 257/916 Narrow band gap semiconductor material, <<1ev 260/41 Glass flake 257/917 Plural dopants of same conductivity type in same 260/42 Melts used in preparation of non-cyclic aliphatic chloro-, bromo- and iodo-hydrocarbons 257/918 Light emitting regenerative switching device, e.g. 260/43 Promoting degradability of polymers light emitting scr arrays, circuitry 260/44 Beta branched fatty acid 257/919 Elements of similar construction connected in series 260/45 . Polymer dispersions or parallel to average out manufacturing variations 260/46 Vibration dampening composition in characteristics 260/47 . Poisons, foods, or pharmaceuticals 257/92 Conductor layers on different levels connected in 260/99811 . Dental parallel, e.g. to reduce resistance 260/99812 . Ablative 257/921 Radiation hardened semiconductor device 260/99813 . Brake, friction or anti-skid 257/922 . with means to prevent inspection of or tampering 260/99814 . Ball, bat, pin or billy with an integrated circuit, e.g. "smart card", anti-. Floor covering tamper 260/99815 257/923 . with means to optimize electrical conductor current 260/99816 . Sound record carrying capacity, e.g. particular conductor aspect 260/99817 . Pearlescent 260/99818 . Mold or mold coating 257/924 with passive device, e.g. capacitor, or battery, as 260/99819 . Road marking or pavement compositions, nonintegral part of housing or housing element, e.g. cap cementitious, non bituminous 257/925 Bridge rectifier module 260/9982 Dipeptides, e.g. aspartame, anserine or carnosine 257/926 Elongated lead extending axially through another 260/99821 . . Aspartylphenylalanone esters and elongated lead cyclohexylalanine esters Different doping levels in different parts of PN 257/927 260/99822 . . Arginine containing junction to produce shaped depletion layer . with shorted PN or schottky junction other than 257/928 Gas and liquid contact apparatus

CPC - 2024.05

261/00

261/01

261/02

Gas and liquid contact apparatus

. Auxiliary air inlet carburetors

. Airplane

emitter junction

261/03	. Air cooling	261/62	Longitudinally reciprocating choke tube having
261/04	Auto humidifiers		movable parts
261/06	• Backfire	261/63	Longitudinally reciprocating choke tube, throttle-
261/07	• Carbonators	251/51	operated
261/08	Carburetor primers	261/64	Longitudinally reciprocating choke tube, suction-
261/09	Furnace gas scrubbers	261/65	operated
261/10	Steam heaters and condensers		• Vaporizers
261/11	<ul> <li>Cooling towers</li> </ul>	261/66	• Water injection to prevent detonation
261/12	Carburetor venturi	261/67	Carburetors with vented bowl
261/13	. Desuperheaters	261/68	• Diaphragm-controlled inlet valve
261/14	Display stands	261/69	• Fluid amplifiers in carburetors
261/15	Duct humidifiers	261/70	• Sewage aerators; diffusers
261/16	<ul> <li>Cream whipping</li> </ul>	261/71	Sewage aerators; rotating  Parking alamanta
261/17	. Odorizers	261/72	Packing elements
261/18	• Dashpots	261/73	• Carburetor primers; ticklers
261/19	. Degassers	261/74	Valve actuation; electrical
261/20	Deicers for carburetors	261/75	• Flowing liquid aspirates gas
261/21	<ul> <li>Drawing excess fuel from carbureting passage</li> </ul>	261/76	. Steam
261/22	Faucet aerators	261/77	• Plume abatement
261/23	Fuel feeding valves	261/78	. Sonic flow
261/24	<ul> <li>Fuel feeding valve retaining</li> </ul>	261/79	• Cooling ponds
261/25	Fuel spread out into a film	261/80	Electrical treatment
261/26	• Foam	261/81	Percolation control
261/27	Gas circulated in circuit	261/82	• Upper end injectors
261/28	<ul> <li>Blood oxygenators</li> </ul>	261/83	• Fuel vapor generation
261/29	<ul> <li>Heaters submerged in liquid</li> </ul>	261/84	. Tamperproof
261/30	Tray heaters	261/85	• Droplet catchers
261/31	. Heaters	261/86	• Cooling tower ice prevention
261/32	<ul> <li>Heaters and condensers</li> </ul>	261/87	• Cooling tower power generators
261/33	<ul> <li>Heaters, spray</li> </ul>	261/88	Aroma dispensers
261/34	<ul> <li>Automatic humidity regulation</li> </ul>	261/89	Electrically heated aroma dispensers
261/34 261/35	<ul> <li>Automatic humidity regulation</li> <li>Air line lubricators</li> </ul>		•
			nonmetallic article shaping or treating: processes
261/35	. Air line lubricators		•
261/35 261/36	<ul><li>Air line lubricators</li><li>Carburetor manifolds</li></ul>	Plastic and	nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes
261/35 261/36 261/37	<ul><li>Air line lubricators</li><li>Carburetor manifolds</li><li>Modern pumps diaphragm</li></ul>	Plastic and	nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating:
261/35 261/36 261/37 261/38	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> </ul>	Plastic and 264/00 264/01 264/02	nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins
261/35 261/36 261/37 261/38 261/39	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air</li> </ul>	Plastic and 264/00 264/01 264/02 264/03	nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins
261/35 261/36 261/37 261/38 261/39 261/40 261/41	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> </ul>	Plastic and 264/00 264/01 264/02	nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product
261/35 261/36 261/37 261/38 261/39 261/40 261/41	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04	nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform
261/35 261/36 261/37 261/38 261/39 261/40 261/41	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04	nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together
261/35 261/36 261/37 261/38 261/39 261/40 261/41	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06	nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07	nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43 261/44	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> <li>Overflow trough</li> <li>Processes carburetors</li> <li>Residue prevention in humidifiers and air</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07 264/08	nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles  Fibrillating cellular materials
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43 261/44 261/45 261/46	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> <li>Overflow trough</li> <li>Processes carburetors</li> <li>Residue prevention in humidifiers and air conditioners</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07 264/08 264/09	nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles  Fibrillating cellular materials  Pre-expansion of foamed polystyrene
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43 261/44 261/45 261/46	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> <li>Overflow trough</li> <li>Processes carburetors</li> <li>Residue prevention in humidifiers and air conditioners</li> <li>Swing diffusers</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07 264/08	nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles  Fibrillating cellular materials  Pre-expansion of foamed polystyrene  Foamed polystyrene mold filling
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43 261/44 261/45 261/46 261/47 261/48	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> <li>Overflow trough</li> <li>Processes carburetors</li> <li>Residue prevention in humidifiers and air conditioners</li> <li>Swing diffusers</li> <li>Sonic vibrators</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07 264/08 264/09 264/10 264/11	Plastic and nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles  Fibrillating cellular materials  Pre-expansion of foamed polystyrene  Foamed polystyrene mold filling  Molding styropor using steam probes-batch
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43 261/44 261/45 261/46 261/47 261/48 261/49	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> <li>Overflow trough</li> <li>Processes carburetors</li> <li>Residue prevention in humidifiers and air conditioners</li> <li>Swing diffusers</li> <li>Sonic vibrators</li> <li>Suction operated feed valve</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07 264/08 264/09 264/10 264/11 264/12	Plastic and nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles  Fibrillating cellular materials  Pre-expansion of foamed polystyrene  Foamed polystyrene mold filling  Molding styropor using steam probes-batch  Molding styropor using steam probes continuous
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43 261/44 261/45 261/46 261/47 261/48 261/49 261/50	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> <li>Overflow trough</li> <li>Processes carburetors</li> <li>Residue prevention in humidifiers and air conditioners</li> <li>Swing diffusers</li> <li>Sonic vibrators</li> <li>Suction operated feed valve</li> <li>Surge prevention in carburetors</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07 264/08 264/09 264/10 264/11	Plastic and nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles  Fibrillating cellular materials  Pre-expansion of foamed polystyrene  Foamed polystyrene mold filling  Molding styropor using steam probes-batch  Molding styropor using steam probes continuous  Cell size and distribution control while molding a
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43 261/44 261/45 261/46 261/47 261/48 261/49 261/50 261/51	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> <li>Overflow trough</li> <li>Processes carburetors</li> <li>Residue prevention in humidifiers and air conditioners</li> <li>Swing diffusers</li> <li>Sonic vibrators</li> <li>Suction operated feed valve</li> <li>Surge prevention in carburetors</li> <li>Carburetors with supercharging blowers</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07 264/08 264/09 264/10 264/11 264/12 264/13	Plastic and nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles  Fibrillating cellular materials  Pre-expansion of foamed polystyrene  Foamed polystyrene mold filling  Molding styropor using steam probes-batch  Molding styropor using steam probes continuous  Cell size and distribution control while molding a foam
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43 261/44 261/45 261/46 261/47 261/48 261/49 261/50 261/51 261/52	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> <li>Overflow trough</li> <li>Processes carburetors</li> <li>Residue prevention in humidifiers and air conditioners</li> <li>Swing diffusers</li> <li>Sonic vibrators</li> <li>Suction operated feed valve</li> <li>Surge prevention in carburetors</li> <li>Carburetors with supercharging blowers</li> <li>Carburetor with valves</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07 264/08 264/09 264/10 264/11 264/12 264/13	Plastic and nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles  Fibrillating cellular materials  Pre-expansion of foamed polystyrene  Foamed polystyrene mold filling  Molding styropor using steam probes-batch  Molding styropor using steam probes continuous  Cell size and distribution control while molding a foam  forming integral skin on a foamed product
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43 261/44 261/45 261/46 261/47 261/48 261/49 261/50 261/51 261/52 261/53	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> <li>Overflow trough</li> <li>Processes carburetors</li> <li>Residue prevention in humidifiers and air conditioners</li> <li>Swing diffusers</li> <li>Sonic vibrators</li> <li>Suction operated feed valve</li> <li>Surge prevention in carburetors</li> <li>Carburetors with supercharging blowers</li> <li>Carburetor with valves</li> <li>Valve actuation</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07 264/08 264/09 264/10 264/11 264/12 264/13 264/14 264/15	Plastic and nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles  Fibrillating cellular materials  Pre-expansion of foamed polystyrene  Foamed polystyrene mold filling  Molding styropor using steam probes-batch  Molding styropor using steam probes continuous  Cell size and distribution control while molding a foam  forming integral skin on a foamed product  Aging of foamed resin products
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43 261/44 261/45 261/46 261/47 261/48 261/49 261/50 261/51 261/52 261/53 261/54	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> <li>Overflow trough</li> <li>Processes carburetors</li> <li>Residue prevention in humidifiers and air conditioners</li> <li>Swing diffusers</li> <li>Sonic vibrators</li> <li>Suction operated feed valve</li> <li>Surge prevention in carburetors</li> <li>Carburetors with supercharging blowers</li> <li>Carburetor with valves</li> <li>Valve actuation</li> <li>Venturi scrubbers</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07 264/08 264/09 264/10 264/11 264/12 264/13 264/14 264/15 264/16	Plastic and nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles  Fibrillating cellular materials  Pre-expansion of foamed polystyrene  Foamed polystyrene mold filling  Molding styropor using steam probes-batch  Molding styropor using steam probes continuous  Cell size and distribution control while molding a foam  forming integral skin on a foamed product  Aging of foamed resin products  Molding foamed polypropylen articles
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43 261/45 261/46 261/47 261/48 261/49 261/50 261/51 261/52 261/53 261/54 261/55	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> <li>Overflow trough</li> <li>Processes carburetors</li> <li>Residue prevention in humidifiers and air conditioners</li> <li>Swing diffusers</li> <li>Sonic vibrators</li> <li>Suction operated feed valve</li> <li>Surge prevention in carburetors</li> <li>Carburetors with supercharging blowers</li> <li>Carburetor with valves</li> <li>Valve actuation</li> <li>Venturi scrubbers</li> <li>Reatomizers</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07 264/08 264/09 264/10 264/11 264/12 264/13 264/14 264/15 264/16 264/17	Plastic and nonmetallic article shaping or treating: processes  Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles  Fibrillating cellular materials  Pre-expansion of foamed polystyrene  Foamed polystyrene mold filling  Molding styropor using steam probes-batch  Molding styropor using steam probes continuous  Cell size and distribution control while molding a foam  forming integral skin on a foamed product  Aging of foamed resin products  Molding foamed polypropylen articles  Molding a foam containing a filler
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43 261/44 261/45 261/46 261/47 261/48 261/49 261/50 261/51 261/52 261/53 261/54 261/55 261/56	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> <li>Overflow trough</li> <li>Processes carburetors</li> <li>Residue prevention in humidifiers and air conditioners</li> <li>Swing diffusers</li> <li>Sonic vibrators</li> <li>Suction operated feed valve</li> <li>Surge prevention in carburetors</li> <li>Carburetors with supercharging blowers</li> <li>Carburetor with valves</li> <li>Valve actuation</li> <li>Venturi scrubbers</li> <li>Reatomizers</li> <li>Variable venturi</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07 264/08 264/09 264/10 264/11 264/12 264/13 264/14 264/15 264/16	Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles  Fibrillating cellular materials  Pre-expansion of foamed polystyrene  Foamed polystyrene mold filling  Molding styropor using steam probes-batch  Molding styropor using steam probes continuous  Cell size and distribution control while molding a foam  forming integral skin on a foamed product  Aging of foamed resin products  Molding a foam containing a filler  Cross-linking a thermoplastic linear foam during
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43 261/45 261/46 261/47 261/48 261/49 261/50 261/51 261/52 261/53 261/54 261/55	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> <li>Overflow trough</li> <li>Processes carburetors</li> <li>Residue prevention in humidifiers and air conditioners</li> <li>Swing diffusers</li> <li>Sonic vibrators</li> <li>Suction operated feed valve</li> <li>Surge prevention in carburetors</li> <li>Carburetors with supercharging blowers</li> <li>Carburetor with valves</li> <li>Valve actuation</li> <li>Venturi scrubbers</li> <li>Reatomizers</li> <li>Variable venturi</li> <li>Interchangeable chore tube</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07 264/08 264/09 264/10 264/11 264/12 264/13 264/14 264/15 264/16 264/17 264/18	Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles  Fibrillating cellular materials  Pre-expansion of foamed polystyrene  Foamed polystyrene mold filling  Molding styropor using steam probes-batch  Molding styropor using steam probes continuous  Cell size and distribution control while molding a foam  forming integral skin on a foamed product  Aging of foamed resin products  Molding a foam containing a filler  Cross-linking a thermoplastic linear foam during molding
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43 261/45 261/46 261/47 261/48 261/49 261/50 261/51 261/52 261/53 261/54 261/55 261/57 261/57	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> <li>Overflow trough</li> <li>Processes carburetors</li> <li>Residue prevention in humidifiers and air conditioners</li> <li>Swing diffusers</li> <li>Sonic vibrators</li> <li>Suction operated feed valve</li> <li>Surge prevention in carburetors</li> <li>Carburetors with supercharging blowers</li> <li>Carburetor with valves</li> <li>Valve actuation</li> <li>Venturi scrubbers</li> <li>Reatomizers</li> <li>Variable venturi</li> <li>Interchangeable chore tube</li> <li>Choke tube having plurality of leaves</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07 264/08 264/09 264/10 264/11 264/12 264/13 264/14 264/15 264/16 264/17 264/18	Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles  Fibrillating cellular materials  Pre-expansion of foamed polystyrene  Foamed polystyrene mold filling  Molding styropor using steam probes-batch  Molding styropor using steam probes continuous  Cell size and distribution control while molding a foam  forming integral skin on a foamed product  Aging of foamed resin products  Molding foamed polypropylen articles  Molding a foam containing a filler  Cross-linking a thermoplastic linear foam during molding  Inorganic fiber
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43 261/44 261/45 261/46 261/47 261/48 261/49 261/50 261/51 261/52 261/53 261/54 261/55 261/56 261/57	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> <li>Overflow trough</li> <li>Processes carburetors</li> <li>Residue prevention in humidifiers and air conditioners</li> <li>Swing diffusers</li> <li>Sonic vibrators</li> <li>Suction operated feed valve</li> <li>Surge prevention in carburetors</li> <li>Carburetors with supercharging blowers</li> <li>Carburetor with valves</li> <li>Valve actuation</li> <li>Venturi scrubbers</li> <li>Reatomizers</li> <li>Variable venturi</li> <li>Interchangeable chore tube</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07 264/08 264/10 264/11 264/12 264/13 264/14 264/15 264/16 264/17 264/18 264/19 264/20	Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles  Fibrillating cellular materials  Pre-expansion of foamed polystyrene  Foamed polystyrene mold filling  Molding styropor using steam probes-batch  Molding styropor using steam probes continuous  Cell size and distribution control while molding a foam  forming integral skin on a foamed product  Aging of foamed resin products  Molding foamed polypropylen articles  Molding a foam containing a filler  Cross-linking a thermoplastic linear foam during molding  Inorganic fiber  Tar bonded
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43 261/45 261/46 261/47 261/48 261/49 261/50 261/51 261/52 261/53 261/54 261/55 261/57 261/57	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> <li>Overflow trough</li> <li>Processes carburetors</li> <li>Residue prevention in humidifiers and air conditioners</li> <li>Swing diffusers</li> <li>Sonic vibrators</li> <li>Suction operated feed valve</li> <li>Surge prevention in carburetors</li> <li>Carburetors with supercharging blowers</li> <li>Carburetor with valves</li> <li>Valve actuation</li> <li>Venturi scrubbers</li> <li>Reatomizers</li> <li>Variable venturi</li> <li>Interchangeable chore tube</li> <li>Choke tube having plurality of leaves</li> <li>Choke tube leaves flexible</li> <li>Duplex barrels</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07 264/08 264/09 264/10 264/11 264/12 264/13 264/14 264/15 264/16 264/17 264/18 264/19 264/20 264/25	Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles  Fibrillating cellular materials  Pre-expansion of foamed polystyrene  Foamed polystyrene mold filling  Molding styropor using steam probes-batch  Molding styropor using steam probes continuous  Cell size and distribution control while molding a foam  forming integral skin on a foamed product  Aging of foamed resin products  Molding foamed polypropylen articles  Molding a foam containing a filler  Cross-linking a thermoplastic linear foam during molding  Inorganic fiber  Tar bonded  Metallic oxide
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43 261/45 261/46 261/46 261/49 261/50 261/51 261/52 261/53 261/54 261/55 261/55 261/55 261/57 261/58 261/59	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> <li>Overflow trough</li> <li>Processes carburetors</li> <li>Residue prevention in humidifiers and air conditioners</li> <li>Swing diffusers</li> <li>Sonic vibrators</li> <li>Suction operated feed valve</li> <li>Surge prevention in carburetors</li> <li>Carburetors with supercharging blowers</li> <li>Carburetor with valves</li> <li>Valve actuation</li> <li>Venturi scrubbers</li> <li>Reatomizers</li> <li>Variable venturi</li> <li>Interchangeable chore tube</li> <li>Choke tube having plurality of leaves</li> <li>Choke tube leaves flexible</li> <li>Duplex barrels</li> <li>Longitudinally reciprocating choke tube along air</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07 264/08 264/09 264/10 264/11 264/12 264/13 264/14 264/15 264/16 264/17 264/18 264/19 264/20 264/25 264/26	Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles  Fibrillating cellular materials  Pre-expansion of foamed polystyrene  Foamed polystyrene mold filling  Molding styropor using steam probes-batch  Molding styropor using steam probes continuous  Cell size and distribution control while molding a foam  forming integral skin on a foamed product  Aging of foamed resin products  Molding foamed polypropylen articles  Molding a foam containing a filler  Cross-linking a thermoplastic linear foam during molding  Inorganic fiber  Tar bonded  Metallic oxide  Composite fibers made of two or more materials
261/35 261/36 261/37 261/38 261/39 261/40 261/41 261/42 261/43 261/45 261/45 261/46 261/49 261/50 261/51 261/52 261/53 261/54 261/55 261/56 261/57 261/58 261/59 261/60	<ul> <li>Air line lubricators</li> <li>Carburetor manifolds</li> <li>Modern pumps diaphragm</li> <li>Needle valves</li> <li>Liquid feeding nozzles</li> <li>Oil filter for fuel entering nozzles or float chamber</li> <li>Pad retaining means in humidifiers and air conditioners</li> <li>Ozonizers</li> <li>Air coolers</li> <li>Overflow trough</li> <li>Processes carburetors</li> <li>Residue prevention in humidifiers and air conditioners</li> <li>Swing diffusers</li> <li>Sonic vibrators</li> <li>Suction operated feed valve</li> <li>Surge prevention in carburetors</li> <li>Carburetors with supercharging blowers</li> <li>Carburetor with valves</li> <li>Valve actuation</li> <li>Venturi scrubbers</li> <li>Reatomizers</li> <li>Variable venturi</li> <li>Interchangeable chore tube</li> <li>Choke tube having plurality of leaves</li> <li>Choke tube leaves flexible</li> <li>Duplex barrels</li> </ul>	Plastic and 264/00 264/01 264/02 264/03 264/04 264/05 264/06 264/07 264/08 264/09 264/10 264/11 264/12 264/13 264/14 264/15 264/16 264/17 264/18 264/19 264/20 264/25	Plastic and nonmetallic article shaping or treating: processes  Methods of blow-molding cellular containers  Molding cellular aldehyde resins  Molding cellular pvc-isocyanate resins  Molding and forming bendable and flexible product from rigid preform  Use of one or more blowing agents together  Molding microballoons and binder  Binding and molding cellular particles  Fibrillating cellular materials  Pre-expansion of foamed polystyrene  Foamed polystyrene mold filling  Molding styropor using steam probes-batch  Molding styropor using steam probes continuous  Cell size and distribution control while molding a foam  forming integral skin on a foamed product  Aging of foamed resin products  Molding foamed polypropylen articles  Molding a foam containing a filler  Cross-linking a thermoplastic linear foam during molding  Inorganic fiber  Tar bonded  Metallic oxide

264/28	. Stretching filaments in gas or steam	264/90	Direct application of fluid pressure differential
264/29	Mixed resin filaments		to shape, reshape, i.e. distort, or sustain an article
264/30	. Use of anatomy in making a mold or using said		or preform and heat-setting, i.e. crystallizing of
	mold		stretched or molecularly oriented portion thereof
264/31	<ul> <li>Processes of making tile and tile-like surfaces</li> </ul>	264/901	Heat-setting of stretched or molecularly oriented
264/32	<ul> <li>Processes in molding using asbestos or asphalt</li> </ul>		article formed from planar preform, e.g. sheet,
264/33	<ul> <li>Blow-molding articles of nonuniform thickness</li> </ul>		film
264/34	<ul> <li>Processes and molds for making buttons</li> </ul>	264/902	. Production of continuous length
264/35	<ul> <li>Use of CaO with refractories</li> </ul>	264/903	Heat-setting and simultaneous differential heating
264/36	<ul> <li>Processes of making metal-ceramics</li> </ul>		of stretched or molecularly oriented section of
264/37	<ul> <li>Processes and molds for making capsules</li> </ul>	264/004	article or preform
264/38	<ul> <li>Making film or tubes from casein</li> </ul>	264/904	Maintaining article in fixed shape during heat- setting
264/39	<ul> <li>Treatment of clay before and after molding</li> </ul>	264/905	having plural, distinct differential fluid pressure
264/40	<ul> <li>Processes of coiling plastics</li> </ul>	204/ 703	shaping steps
264/41	<ul> <li>Processes of molding collapsible tubes</li> </ul>	264/906	And heat-shrinking outside of mold including
264/42	<ul> <li>Processes of molding involving cross linking</li> </ul>	201/700	subsequent re-expanding of shrunken article
264/43	<ul> <li>Processes of curing clay and concrete materials</li> </ul>		using differential fluid pressure
264/44	<ul> <li>using destructible molds or cores in molding</li> </ul>	264/907	Direct application of fluid pressure differential
	processes		to shape, reshape, i.e. distort, or sustain an article
264/45	<ul> <li>Molding using an electrical force</li> </ul>		or preform and crystallizing of nonstretched or
264/46	<ul> <li>Molding using an electrical heat</li> </ul>		molecularly unoriented portion thereof
264/47	<ul> <li>Processes of splitting film, webs or sheets</li> </ul>	264/908	Crystallizing of neck portion of hollow article or
264/48	<ul> <li>Processes of making filters</li> </ul>		hollow preform
264/49	<ul> <li>Processes of using fly ash</li> </ul>	264/909	<ul> <li>Direct application of fluid pressure differential to</li> </ul>
264/50	<ul> <li>Use of fluid pressure in molding</li> </ul>		stretch an article or preform and heat shrinking of
264/51	<ul> <li>Use of fluidized bed in molding</li> </ul>	• • • • • •	stretched article or preform
264/52	<ul> <li>Processes of making corrugated tubes for gas mask</li> </ul>	264/91	Sintering to produce translucent inorganic article
264/53	<ul> <li>Processes of using glass filter in molding process</li> </ul>	264/911	Recycling consumer used articles or products
264/54	<ul> <li>Processes in making insulators</li> </ul>	264/912	. From toroidal shapes, e.g. resilient tires
264/55	<ul> <li>Processes for making jewelry</li> </ul>	264/913	. From fiber or filament, or fiber or filament
264/56	<ul> <li>Processes of molding lactams</li> </ul>		containing article or product, e.g. textile, cloth
264/57	<ul> <li>Processes of forming layered products</li> </ul>	264/914	fabric, carpet, fiberboard
264/58	<ul> <li>Processes of forming magnets</li> </ul>		• • From cellulose containing articles, e.g. paper
264/59	<ul> <li>Processes in which a partial cure is involved</li> </ul>	264/915	<ul> <li>From inorganic material containing articles or products, e.g. hydro-set, cement, plaster, wire,</li> </ul>
264/60	<ul> <li>Processes of molding plastisols</li> </ul>		cable
264/61	<ul> <li>Processes of molding polyamide</li> </ul>	264/916	From porous material containing articles, e.g.
264/62	<ul> <li>Processes of molding porous films</li> </ul>	204/710	sponge, foam
264/63	<ul> <li>Processes of molding porous blocks</li> </ul>	264/917	by blow molding material recycled from
264/64	<ul> <li>Processes of using preform in molding</li> </ul>	20 ./ > 1 /	consumer used article or product
264/65	<ul> <li>Processes of preheating prior to molding</li> </ul>	264/918	• • From hollow- or container-type articles, e.g.
264/66	<ul> <li>Processes of reshaping and reforming</li> </ul>		tubes, bottles, cups
264/67	forming ring-like structure	264/919	From pipe or tube, e.g. hose
264/68	. Roll	264/92	by extruding material recycled from consumer
264/70	<ul> <li>Processes for forming screens or perforating articles</li> </ul>		used article or product
264/71	<ul> <li>Processes of shaping by shrinking</li> </ul>	264/921	by injection molding material recycled from
264/72	<ul> <li>Processes of molding by spraying</li> </ul>		consumer used article or product
264/73	<ul> <li>Processes of stretching</li> </ul>		
264/74	<ul> <li>Processes of repairing tires</li> </ul>	<u>Metallurgic</u>	<u>al apparatus</u>
264/75	<ul> <li>Processes of uniting two or more fibers</li> </ul>	266/00	Metallurgical apparatus
264/76	<ul> <li>Processes of uniting two or more parts</li> </ul>	266/01	Repair or restoration of apparatus
264/77	<ul> <li>Processes of molding urethanes</li> </ul>	266/90	Metal melting furnaces, e.g. cupola type
264/78	<ul> <li>Processes of molding using vacuum</li> </ul>	266/901	Scrap metal preheating or melting
264/70	Deceases of molding articles of vinylidens ablanide		

1710 tall all apparatus		
266/00	Metallurgical apparatus	
266/01	<ul> <li>Repair or restoration of apparatus</li> </ul>	
266/90	<ul> <li>Metal melting furnaces, e.g. cupola type</li> </ul>	
266/901	<ul> <li>Scrap metal preheating or melting</li> </ul>	
266/902	<ul> <li>Blowpipes specialized to transversely cut or notch</li> </ul>	
	blooms, billets or bars	
266/903	Safety shields	
266/904	<ul> <li>Blowpipe cutting heads</li> </ul>	
266/905	<ul> <li>Refractory metal-extracting means</li> </ul>	

## **Spring devices**

267/00	Spring devices
267/01	<ul> <li>Constant height</li> </ul>

CPC - 2024.05

. Processes of molding articles of vinylidene chloride

. Injection molding of polyolefin-type foam

billets having geo metrical crosssections

. Conversion of foamed resinous buns into foamed

• Processes of waterproofing

. Embossing by foaming

. Plastic net

264/79

264/80

264/81 264/82

264/83

264/84

Spring devices Y10S

267/02 . Constant height, self-pumping 273/31 . Undulated surface 267/03 . Spring buckle Seal for a joint or juncture Work holders 277/00 Seal for a joint or juncture 269/00 Work holders 277/902 . Seal for sterling engine 269/90 . Supporting structure having work holder receiving 277/903 . Seal for rotating kiln or drum apertures or projections 277/904 Viscous seal 269/901 Collapsible or foldable work holder supporting T-Shaped or I-shaped ring member including seal 277/905 structure on a side 269/902 Work holder member with v-shaped notch or groove 277/906 . Seal for article of indefinite length, e.g. strip, sheet 269/903 Work holder for electrical circuit assemblages or 277/907 . Passageway in rod or shaft wiring systems 277/908 . Seal for use in rotating and reciprocating Work holder for positioning elements of building in 269/904 arrangement installed location 277/909 . Similar sealing structures for mounting on piston 269/905 Work holder for doors and door frames and about rod 269/906 Work holder for skis 277/91 . O-ring seal 269/907 Work holder for fishing flies 277/911 . Seal combined with nominal motion transmitting 269/908 Work holder for cathode-ray tubes 269/909 Work holder for specific work 277/912 Spline connection 269/91 Work holder for prefabricated roof truss or wall 277/913 . Seal for fluid pressure below atmospheric, e.g. frame vaciiim 277/914 Backup seal for failure of primary seal Sheet feeding or delivering 277/915 Seal including compression set feature 277/916 . Seal including vibration dampening feature 271/00 Sheet feeding or delivering . Seal including frangible feature 277/917 271/90 Stripper . Seal combined with filter or fluid separator 277/918 271/901 Magnetic operation 277/919 . Seal including electrical feature 271/902 Reverse direction of sheet movement 277/92 . Seal including electromagnetic shielding feature 271/903 Traveling wicket for stack on edge 277/921 . Closure or weather strip seal Amusement devices: games 277/922 Bonding or joining for manufacture of seal 277/923 . . Shrink-fitting for the assembly of seal 273/00 Amusement devices: games 277/924 . Deformation, material removal, or molding for 273/01 . Carbonate manufacture of seal 273/02 . Styrene 277/925 Snap fit feature for mounting or assembly of seal . Epoxy 273/03 277/926 Seal including fluid pressure equalizing or . Ethylene 273/04 balancing feature 273/05 . Vinyl 277/927 . Seal including fluid pressure differential feature 273/06 . Nylon 277/928 . Seal including pressure relief or vent feature Glass fiber 273/07 277/929 . Seal feature where change in operation or condition 273/08 Urethane induces additional leakage control 273/09 Ester 277/93 . Seal including heating or cooling feature Butadiene 273/10 277/931 . Seal including temperature responsive feature 273/11 Acetal 277/932 . . Bi-metallic 273/12 Propylene 277/933 . . Chemical reaction or physical change of state 273/13 . Artificial grass 277/934 . Seal swells when wet 273/14 . Transparent 277/935 . Seal made of a particular material 273/15 . Cork 277/936 Composite 273/16 . Acrylic 277/937 Glass particles or filament 273/17 Head mounted 277/938 Carbon or graphite particle or filament 273/18 Shoe mounted 277/939 . . Containing metal 273/19 Waist mounted . . . Alloy 277/94 273/20 Weighted balls 277/941 . . . Aluminum or copper 273/21 Reel 277/942 . . . Silver or gold 273/22 Ionomer 277/943 . . Ceramic or glass . High modulus filaments 273/23 277/944 Elastomer or plastic . Luminescent, phosphorescent 273/24 277/945 . . . Containing fluorine 273/25 Suction cups involved 277/946 . . . . PTFE 273/26 Point counters and score indicators 273/27 Blind and color blind **Chucks or sockets** 273/29 Silicone 279/00 Chucks or sockets 273/30 Hooked pile fabric fastener 279/90 . Adapted for automatic tool changer

Chucks or sockets Y10S

279/901	. Chuck or chuck jaw changing means	285/916	Molecular change
279/902	. Keyless type socket	285/917	Metallic seals
279/903	Needle roller type socket	285/918	• O-ring
279/904	Quick change socket	285/919	. Resinous
279/905	with ball detent	285/92	Remotely controlled
279/906	Self grasping socket	285/921	• Snap-fit
279/907	Washer type jaw or actuator	285/922	Safety and quick release for drill pipes
		285/923	Specific material
Land vehicle	<u>es</u>	285/924	• Vented
280/00	Land vehicles	285/925	. Swells when wet
280/01	<ul> <li>Load responsive, leveling of vehicle</li> </ul>		
280/02	• Wheel supports for outboard motors	Closure fast	<u>eners</u>
280/03	Wheeled shopping bag	292/00	Closure fasteners
280/04	Grocery store cart	292/01	Automobile fender shield fasteners
280/05	Motorized golf carts	292/02	<ul> <li>Auxiliary knob slip covers, guards</li> </ul>
280/06	Wheeled golf club carriers	292/03	Automobile multiple door latches
280/07	. Air bag rollers	292/04	Automatic release latches
280/08	<ul> <li>Separable body or container-type semitrailers</li> </ul>	292/05	Automobile top latches
280/09	Occupant-steered trailers	292/06	<ul> <li>Automobile window wing fasteners</li> </ul>
280/10	Stair climbing chairs	292/07	. Disc cam; also swinging windows, locking and
280/11	<ul> <li>Walking attendant steered trailers</li> </ul>		operating means
280/12	<ul> <li>Clamp-type ski bindings having plural diverse axes</li> </ul>	292/08	Buffer handles
	or clamps	292/09	<ul> <li>Hinge plate fasteners secured to upper sash</li> </ul>
280/13	<ul> <li>Ski binding controlled by skier position or by</li> </ul>	292/10	<ul> <li>Cupped disc fasteners</li> </ul>
	remote control	292/11	• Cover fasteners
280/14	Tractor-trailer backing connections	292/12	Closure operators
280/90	Runner vehicle attachments	292/13	<ul> <li>Cow proof latches</li> </ul>
280/901	Adaptation of nonspecialized vehicles to semitrailer	292/14	. Hood latches
	tractors	292/15	• Door, checks, floor
Books, strips	s, and leaves	292/16	• Flexible bolts
_	n ma leuves	292/17	Hinge edge latches
281/00	Books, strips, and leaves	292/18	. Gang locks
281/01	. Magnet	292/19	. Combined door holder and buffer
Printed matt	ior	292/20	. Window fasteners
1 I mieu maii	<u>xti</u>	292/21	Individually latched double doors  Least a property decrease.
283/00	Printed matter	292/22 292/23	Inertia operated  Valida door letches
283/90	Medical record	292/23 292/24	<ul> <li>Vehicle door latches</li> <li>Dogging mechanism from inside operating means</li> </ul>
283/901	Concealed data	292/24	Remote control
283/902	. Anti-photocopy	292/25	Automatic undogging or reconnecting
283/903	. Lottery ticket	292/20	Disconnectable handle
283/904	. Credit card	292/28	Suction cup fasteners
Dina iainta a	n countings	292/29	End gate fasteners
Pipe joints or	r couplings	292/30	Latch and handle
285/00	Pipe joints or couplings	292/31	Lever operator, flush
285/90	Balanced pressure	292/32	Freight car door fasteners
285/901	• Cap closures	292/33	Metallic casement window fasteners
285/902	. Canted ring	292/34	Non-refillable container cover fasteners
285/903	. Corrugated	292/35	Storm sash fasteners
285/904	. Cryogenic	292/36	Overhead door latches
285/905	<ul> <li>Different coefficients of expansion</li> </ul>	292/37	Push button operators
285/906	• Equivalents	292/38	• Plastic latch parts
285/907	• Electrical fixtures	292/39	Dovetail door aligner
285/908	• Extrusion holes	292/40	Combined dovetail and keeper
285/909	Fluorocarbons and memory plastics	292/41	Door latch separation prevention
285/91	• Gaskets	292/42	Trunk latches
285/911	. Glass	292/43	Rear deck lid latches
285/912	. Gear	292/44	. Extensible bolts
285/913	Interdigitating	292/45	Slot closure
285/914	. Irreversible	292/46	Sliding door fasteners
285/915	. Mastic	292/47	• Sash fasteners

**Y10S** Closure fasteners

292/48	Traveling bag frame and camera cover fasteners	297/90	• Chair for suntanning in the prone, i.e. facedown
292/49	Toggle catches		position
292/50	Handbag or purse clasps		
292/51	Bolt guides	Fluid-pressi	ure and analogous brake systems
292/52	. Rollbacks	303/00	Fluid-pressure and analogous brake systems
292/53	Mounting and attachment	303/01	Pressure comparison
292/54	<ul> <li>Attachments and adjuncts</li> </ul>	303/02	Brake control by pressure comparison
292/55	Bolt and keeper aligners	303/03	Electrical pressure sensor
292/56	• Silencers	303/04	Pressure signal used in electrical speed
292/57	<ul> <li>Anti-friction provisions</li> </ul>		controlled braking circuit
292/58	<ul> <li>Lubrication</li> </ul>	303/05	Acceleration peak detection
292/59	<ul> <li>insulation, heat and electrical</li> </ul>	303/06	Axle differential control
292/60	<ul> <li>Adjustment provisions</li> </ul>	303/07	Small tire digest
292/61	Spring devices	303/08	Antichatter
292/62	<ul> <li>Lost motion connections</li> </ul>	303/09	<ul> <li>Plural processors</li> </ul>
292/63	<ul> <li>Finger or hand grip</li> </ul>	303/10	. Valve block integrating pump, valves, solenoid,
292/64	• Assembly		accumulator
292/65	Emergency or safety	303/11	<ul> <li>Accumulator</li> </ul>
292/66	Thermally controlled mechanism	303/12	<ul> <li>Air over hydraulic brake system</li> </ul>
292/67	<ul> <li>Vehicle door latches free of sash or pane</li> </ul>	303/90	ABS throttle control
292/68	<ul> <li>Locker latches</li> </ul>	303/901	<ul> <li>ABS check valve detail</li> </ul>
292/69	<ul> <li>Washing machine or stove closure latch</li> </ul>		
292/70	<ul> <li>Weather strip and sash fastener combined</li> </ul>	Wheel subst	titutes for land vehicles
292/71	<ul> <li>Refrigerator latches</li> </ul>	305/00	Wheel substitutes for land vehicles
202/72	Charter		

305/90

312/00

312/901

312/902

Master link

**Electrical transmission or interconnection systems** 

**Supports: cabinet structure** 

. Carrying case

. Fan-out holders for recording media

### Vehicle fenders

292/72

292/73

		307/00	Electrical transmission or interconnection systems
293/00	Vehicle fenders	307/01	• Data transmitted over power lines
293/01	<ul> <li>Pusher attachment for tractors</li> </ul>		r
293/06	<ul> <li>Magnetic fender securing devices</li> </ul>	Electrical ge	nerator or motor structure

# Handling: hand and hoist-line implements

. Atomic fuel handler

. Sensor controlled device

. Starters

. Anti-rattlers

Handling: hand and hoist-line implements		310/00	Electrical generator or motor structure
<b>294/00</b> 294/901 294/902 294/903	Handling: hand and hoist-line implements  Plate lifting clamp Gripping element Battery carrier	310/02 310/03 310/06 310/80	<ul> <li>Hysteresis rotors and motors</li> <li>Hall effect generators and converters</li> <li>Printed-circuit motors and components</li> <li>Piezoelectric polymers, e.g. PVDF</li> </ul>
294/904	Vehicle carrier	Supports: c	abinet structure
294/905	Wireless remote control device	212/00	

## **Land vehicles: bodies and tops**

		Electric lam	<u>p and discnarge devices</u>
296/00	Land vehicles: bodies and tops	313/00	Electric lamp and discharge devices
296/90	<ul> <li>Material</li> </ul>	313/00	Electric lamp and discharge devices
296/90101	Plastic	313/07	Bombardment induced conductivity

### Ch

294/906

294/907

Chairs and seats		Electric lamp a	Electric lamp and discharge devices: systems	
<b>297/00</b> 297/01	Chairs and seats . Foam		Electric lamp and discharge devices: systems  Fluorescent lamp circuits with more than two principle electrodes	
297/02 297/03 297/04	Molded     Pneumatic     Wheelchair	315/02	High frequency starting operation for fluorescent lamp	
297/04 297/05 297/06	<ul><li>Wheelchair</li><li>Fireproof</li><li>Hook and loop type fastener</li></ul>	315/04	Circuit for ion gauges and pressure gauges     Dimming circuit for fluorescent lamps	
297/07 297/08	Rocker/recliner     Inflatable bellows		<ul> <li>Starting and operating circuit for fluorescent lamp</li> <li>Starting and control circuits for gas discharge lamp using transistors</li> </ul>	
297/10 297/11	<ul><li>Occupant-arising assist</li><li>Baby bouncer</li></ul>	Electricity: mo	tive power systems	

318/00 **Electricity: motive power systems** 

. Windshield wiper controls

318/02

318/02	• Windshield wiper controls	Oscillators	
Electricity: 1	battery or capacitor charging or discharging	<b>331/00</b> 331/02	Oscillators  Phase looked loop having look indicating or
320/00	Electricity: battery or capacitor charging or	331/02	<ul> <li>Phase locked loop having lock indicating or detecting means</li> </ul>
220,00	discharging	331/03	
320/10	Nonbattery load controls charging	331/03	Logic gate active element oscillator
320/11	<ul> <li>Prioritized supply of power or power supply</li> </ul>	Inductor de	<u>vices</u>
220/12	compensation	336/00	Inductor devices
320/12	• Precharging analysis, e.g. determining presence of	336/01	Superconductive
220/12	battery  Fault detection	336/02	. Separable
320/13			
320/14	Battery acts as buffer	Electrical re	<u>esistors</u>
320/15	• Polarity control	220/00	T31 4 1 1 4 4
320/16	• Removal of memory effect in batteries	338/00	Electrical resistors
320/17	Sensing of "gassing" voltage	338/01	• Worm gear drive
320/18	Indicator or display	Communico	tions: radio wave antennas
320/19	Charger status, e.g. voltmeter	Communica	tions. Tadio wave antennas
320/20	Polarity	343/00	Communications: radio wave antennas
320/21	State of charge of battery	343/01	<ul> <li>with vibration damper or wind catcher</li> </ul>
320/22	<ul> <li>Line impedance, e.g. resistor</li> </ul>	343/02	Satellite-mounted antenna
320/23	Capacitor		
320/24	Inductor	Computer g	raphics processing and selective visual display
320/25	Optical coupler	systems	
320/26	Button or hearing aid type	345/00	Computer graphics processing and selective visual
320/27	Transformerless	343/00	display systems
320/28	. Regulating transformer, e.g. high leakage, ferro-	345/901	Electronic book with display
	resonant	345/902	Menu display
320/29	<ul> <li>Transformer having plural secondaries</li> </ul>	345/903	Modular display
320/30	Plural transformers	345/904	<ul><li>. Modular display</li><li>. Display with fail/safe testing feature</li></ul>
320/31	Plural rectifier systems		* ·
320/32	Voltage divider having diverse elements other than	345/905	Display device with housing structure
	merely plural resistors	345/947	• Font character edge processing
320/33	Aircraft or spacecraft application	345/948	. Alteration of stored fonts to maintain feature
320/34	Robot, hybrid, recreational or emergency vehicle	245/040	consistency throughout scaled font
320/35	Home power station	345/949	Animation processing method
320/36	Distribution system, e.g. railroad lighting	345/95	Sprite processing
		345/951	Key frame processing
Electricity: s	single generator systems	345/952	Simulation
222/00		345/953	Geometric processing
	Electricity: single generator systems	345/954	Quaternions
322/02	. Generator field current-responsive systems	345/955	Morphing
322/05	. Hall effects elements	345/956	Language driven animation
322/06	• Ripple sensitive	345/957	Actor
Electricity,	norman arrante on normation areatoms	345/958	Collision avoidance
Electricity:	power supply or regulation systems	345/959	Object path adherence
323/00	Electricity: power supply or regulation systems	345/96	<ul> <li>Iterative display of preconfigured images</li> </ul>
323/901	Starting circuits		
323/902	Optical coupling to semiconductor	<u>Incremental</u>	printing of symbolic information
323/903	Precipitators	347/00	Incremental printing of symbolic information
323/904	• Touch systems	347/90	Data processing for electrostatic recording
323/905	Lamp dimmer structure	5.775	v Zana processing for electrostance recording
323/906	Solar cell systems	<b>Television</b>	
323/907	Temperature compensation of semiconductor		
323/908	Inrush current limiters	348/00	Television
323/909	Remote sensing	348/901	High speed television system
323/91	Two of three phases regulated	348/902	• Photochromic
323/911	Medical electronics	348/903	• including side panel information in single channel
343/911	• Inferior dectionics	348/904	<ul> <li>Separation or joining of side and center panels</li> </ul>
Electricity:	measuring and testing	348/905	<ul> <li>Reproduction of a color field or frame</li> </ul>
_		348/908	<ul> <li>Convertible circuits, e.g. y/c separation or noise</li> </ul>
324/00	Electricity: measuring and testing		reduction
324/80	• Divining rods	348/909	<ul> <li>Noise responsive signal processing</li> </ul>
		348/91	. Flicker reduction

Oscillators

Television Y10S

348/911	. Line doubler adapted for reproducing program	366/01	• Micromixers: continuous laminar flow with laminar
	originally from film, e.g. 24 frame per second		boundary mixing in the linear direction parallel
348/912	• Differential amplitude consideration, e.g. amplitude		to the fluid propagation with or without conduit
249/012	vs. frequency	366/02	geometry influences from the pathway  Micromixers: segmented laminar flow with
348/913	• Letterbox, e.g. display 16:9 aspect ratio image on 4:3 screen	300/02	boundary mixing orthogonal to the direction of fluid
348/914	Delay for equalization		propagation with or without geometry influences
340/714	• Delay for equalization		from the pathway
Optics: image	<u>e projectors</u>	366/03	Micromixers: variable geometry from the pathway
353/00	Optics: image projectors		influences mixing/agitation of non-laminar fluid
353/00	Slides stacked with surface to surface contact	255/04	flow
353/01	Film strip	366/04	• Micromixers: with application of energy to
353/03	• Transparent		influence mixing/agitation, e.g. magnetic, electrical, e-m radiation, particulate radiation, or ultrasound
353/04	• Opaque	366/60	Bodine vibrator
353/05	Transparency holder accessories	366/601	Motor control
353/06	Head accessories	366/602	<ul> <li>Amalgam mixer, e.g. dental filling</li> </ul>
		366/603	Animal food mixer
Facsimile and	d static presentation processing	366/604	. Lather maker
358/00	Facsimile and static presentation processing	366/605	• Paint mixer
358/9011	• Fiber optics	366/606	<ul> <li>Tractor-mounted mortar mixing chamber</li> </ul>
358/906	. Hand-held camera with recorder in a single unit	366/607	Chain-type stirrer
358/907	<ul> <li>Track skippers, i.e. "groove skippers"</li> </ul>	366/608	Stirrer in mixing chamber side wall
358/908	• Pause control, i.e. "commercial killers"	Communica	tions, electrical: acoustic wave systems and devices
358/9091	Electronic still camera or scene reproducer	Communica	tions, electrical: acoustic wave systems and devices
Optical: syste	ems and elements	367/00	Communications, electrical: acoustic wave systems and devices
359/00	Optical: systems and elements	367/90	Sonar time varied gain control systems
359/90	. Methods	367/901	Noise or unwanted signal reduction in nonseismic
359/901	Acoustic holography		receiving system
359/902	Holographic interferometer	367/902	<ul> <li>Speed of sound compensation</li> </ul>
359/903	with magnet	367/903	Transmit-receive circuitry
359/904	Micromirror	367/904	<ul> <li>Doppler compensation systems</li> </ul>
		367/905	Side lobe reduction or shading
Dynamic mag	gnetic information storage or retrieval	367/906	Airborne shock-wave detection
360/00	Dynamic magnetic information storage or retrieval	367/907	Coordinate determination
360/90	Disk drive packaging	367/908	• Material level detection, e.g. liquid level
360/901	Access time	367/909 367/01	Collision avoidance     Portable sonar devices
360/902	Storage density, e.g. bpi, tpi	367/91 367/911	Particular well-logging apparatus
360/903	Physical parameter, e.g. form factor	367/912	Particular transducer
360/904	Weight	301/712	• • I articular transducer
<b>Illumination</b>		Multiplex co	ommunications
362/00	Illumination	370/00	Multiplex communications
362/80		370/901	• Wide area network
362/801	<ul> <li>Light emitting diode</li> <li>Bedroom lighting, e.g. modular combinations</li> </ul>	370/902	• Packet switching
362/802	Position or condition responsive switch	370/903	Osi compliant network
362/803	Photo safe lamp	370/904	Integrated Services Digital Network, ISDN
362/804	• Surgical or dental spotlight	370/905	Asynchronous transfer mode, ASN
362/805	Horticultural	370/906	Fiber data distribution interface, FDDI
362/806	Ornamental or decorative	370/907	Synchronous optical network, SONET
362/807	Star	370/908 370/909	Local area network  Token ring
362/808	Figure	370/909	<ul><li>Token ring</li><li>Carrier sense multiple access, e.g. ethernet,</li></ul>
362/809	Terrestrial globe	370/91	10base-t
362/81	Imitation candle	370/911	Bridge, e.g. brouter, bus extender
362/811	Psychedelic lighting	370/912	Packet communications
362/812	. Signs	370/913	Wireless or radio
Agitating		370/914	. Rate converter
<u>Agitating</u>		370/915	<ul> <li>Time division cellular radio systems</li> </ul>
366/00	Agitating	370/916	<ul> <li>Multiplexer/demultiplexer</li> </ul>

Coherent light generators Y10S

Coherent	light	generators
-		

376/00

372/00	Coherent light generators
372/70	<ul> <li>Optical delay</li> </ul>
372/701	• Nozzle
372/702	<ul> <li>Isotope</li> </ul>
372/703	<ul> <li>Optical isolater</li> </ul>
372/704	<ul> <li>Summary reference</li> </ul>
372/705	<ul> <li>Neat thing</li> </ul>

### Induced nuclear reactions: processes, systems, and elements

elements

Induced nuclear reactions: processes, systems, and

376/90	<ul> <li>Particular material or material shapes for fission</li> </ul>
	reactors
376/901	Fuel
376/902	with external lubricating or absorbing material
376/903	Shapes
376/904	Moderator, reflector, or coolant materials
376/905	Organic
376/906	Metal
376/907	Dissociative coolants
376/908	. Reactor geometry, or part thereof, defined in terms
	of numerical values
376/909	Mobile reactors
376/91	<ul> <li>Rotating reactors</li> </ul>
376/911	<ul> <li>Plural reactor systems</li> </ul>
376/912	<ul> <li>Nuclear reactor systems situated in the ocean</li> </ul>
376/913	<ul> <li>Antimatter devices and methods</li> </ul>
376/914	<ul> <li>Nuclear explosives</li> </ul>
376/915	Fusion reactor fuels
376/916	<ul> <li>Methods of making fusion fuel targets</li> </ul>
376/917	. Utilizing different fuels or fuels in different forms,
	in different reactor regions in relation to amounts of
	heat produced in said regions
376/918	<ul> <li>Entire reactor core of single integral structure</li> </ul>

### X-ray or gamma ray systems or devices

3/8/00	X-ray or gamma ray systems or devices	
378/901	. Computer tomography program or processo	r

### **Telephonic communications**

379/00	Telephonic communications
379/90	. Internet, e.g. Internet phone, webphone, internet-
	based telephony
379/901	<ul> <li>Virtual networks or virtual private networks</li> </ul>
379/902	. Auto-switch for an incoming voice data, or fax
	telephone call, e.g. comp/fax/tel
379/903	• Password
379/904	<ul> <li>Auto-calling</li> </ul>
379/905	• Fax mail
379/906	<ul> <li>Touchtone message transmission</li> </ul>
379/907	<ul> <li>Speech recognition via telephone system or</li> </ul>
	component
379/908	Multimedia
379/909	<ul> <li>Alternatives</li> </ul>
379/91	. Bar code or optical character reader with telephone
379/911	<ul> <li>Distinctive ringing</li> </ul>
379/912	<ul> <li>Geographically adaptive</li> </ul>
379/913	<ul> <li>Person locator or person-specific</li> </ul>
379/914	<ul> <li>Programmable telephone component</li> </ul>
379/915	Soft key

379/916	. Touch screen associated with telephone set
379/917	Voice menus

# Flexible bags 383/00

383/901	<ul> <li>Hot water or ice bag</li> </ul>
383/902	<ul> <li>having nonbag use</li> </ul>
383/903	Stress relief
383/904	Filling tube
383/905	<ul> <li>Dead fold, ductile, closure element</li> </ul>
383/906	<ul> <li>Dispensing feature</li> </ul>
383/907	<ul> <li>Peculiar, particular shape</li> </ul>
383/908	<ul> <li>Material having specified grain direction or molecular orientation</li> </ul>

Flexible bags

### **Bearings**

384/00	Bearings
384/90	<ul> <li>Cooling or heating</li> </ul>
384/901	<ul> <li>Floating bushing</li> </ul>
384/902	Porous member
384/903	Retaining ring
384/904	Propeller shaft outer bearing
384/905	Temperature compensation
384/9051	<ul> <li>Cup-shaped bearing</li> </ul>
384/906	<ul> <li>Antirotation key</li> </ul>
384/907	Bearing material or solid lubricant
384/9071	Jewel, glass, ceramic or carbon
384/908	Nylon or polytetrafluorethylene
384/909	• Plastic
384/91	Powders
384/911	<ul> <li>including fiber</li> </ul>
384/912	Metallic
384/913	• • Metallic compounds

### **Optical waveguides**

385/00	Optical waveguides
385/90	<ul> <li>Solar collector or transmitter</li> </ul>
385/901	<ul> <li>Illuminating or display apparatus</li> </ul>
385/902	<ul> <li>Nonbundle fiberscope devices</li> </ul>

### **Electricity: motor control systems**

388/00	Electricity: motor control systems
388/90	Specific system operational feature
388/901	Sample and hold
388/902	Compensation
388/903	Protective, e.g. voltage or current limit
388/904	Stored velocity profile
388/905	Armature and field windings connected in series,
	i.e. series motor
388/906	Proportional-integral system
388/907	<ul> <li>Specific control circuit element or device</li> </ul>
388/9072	Bridge circuit
388/9075	Computer or microprocessor
388/908	<ul> <li>Frequency to voltage converter</li> </ul>
388/909	Monitoring means
388/91	Operational/differential amplifier
388/911	Phase locked loop
388/912	Pulse or frequency counter
388/913	Saturable reactor, space discharge device, or magnetic amplifier

403/06

. Reciprocable ball detent

388/914	Thyratron or ignitron	403/07	Split ring stop or abutment
388/915	Sawtooth or ramp waveform generator	403/08	<ul> <li>Radially acting cam or eccentric</li> </ul>
388/916	Threshold circuit	403/09	Adjustable clamp
388/917	Thyristor or scr	403/10	<ul> <li>Readily disengageable panel joints</li> </ul>
388/918	Trigger by unijunction transistor	403/11	<ul> <li>Furniture type having a snap fit</li> </ul>
388/919	Triggered by resistor or capacitor	403/12	<ul> <li>Furniture type having a rotatable fastener or</li> </ul>
388/92	Chopper		fastening element that tightens connection
388/921	Timer or time delay means	403/13	Furniture type
388/922	Tuned or resonant circuit	403/14	<ul> <li>Resilient cinch, locking-catch or retainer type</li> </ul>
388/923	<ul> <li>Specific feedback condition or device</li> </ul>	403/15	<ul> <li>Splice plates for co-linear members</li> </ul>
388/924	Centrifugal device, e.g. governor	G 44. 1	
388/925	• • • including contacts which open and close motor	Cutting by u	se of rotating axially moving tool
	circuit	408/00	Cutting by use of rotating axially moving tool
388/926	Which controls a vacuum tube or solid-state	408/01	Bowling ball drill
200/027	device in motor circuit	408/70	<ul> <li>Cutting by use of ultrasonic energy</li> </ul>
388/927	Which varies resistance of motor circuit	408/701	• Cutting by use of radiant energy, e.g. laser, maser
388/928	Which controls position of commutator brushes	408/702	<ul> <li>Cutting by use of penumatic drive means</li> </ul>
388/9281	Counter or back emf, CEMF	408/703	<ul> <li>Trepanning</li> </ul>
388/929	Fluid/granular material flow rate, pressure, or level	408/704	<ul> <li>Drilling small holes</li> </ul>
388/93	Load or torque	408/705	<ul> <li>Drilling deep holes</li> </ul>
388/931	Electric generator or magnet as auxiliary load	408/706	<ul> <li>Drilling brake lining</li> </ul>
388/932	with reverse torque, e.g. braking	408/707	• Drilling opening for bearing in connecting rod or
388/933	Radiant energy responsive device		piston
388/934	. Thermal condition	408/708	• Drilling opening for bearing in engine block
388/935	Specific application:	408/709	Reboring piston receiving cylinder
388/936	Food preparation equipment	408/71	. Safety device
388/937	Hand tool	408/711	Adapter for broken tool
200,727	· · · · · · · · · · · · · · · · · · ·	408/712	Drill press adapted to use portable hand drill  The state of the
<b>Typewriting</b>	machines	408/713	<ul> <li>Tool having detachable cutting edge</li> <li>Resilient tool or tool-support</li> </ul>
		408/714	Recilient tool or tool-clipport
400/00	Typogypiting machines	.00,71.	• Resilient tool of tool-support
<b>400/00</b>	Typewriting machines Chamical symbol character		
400/90	Chemical-symbol character	Gear cutting	, milling, or planing
400/90 400/901	<ul><li>Chemical-symbol character</li><li>Continuously rotating type-head</li></ul>	Gear cutting	g, milling, or planing  Gear cutting, milling, or planing
400/90 400/901 400/902	<ul><li>Chemical-symbol character</li><li>Continuously rotating type-head</li><li>Stepping-motor drive for web feed</li></ul>	Gear cutting 409/00 409/9001	Gear cutting, milling, or planing  Machine button or locator
400/90 400/901 400/902 400/903	<ul> <li>Chemical-symbol character</li> <li>Continuously rotating type-head</li> <li>Stepping-motor drive for web feed</li> <li>Stepping-motor drive for carriage feed</li> </ul>	Gear cutting 409/00 409/9001 409/9002	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp
400/90 400/901 400/902	<ul><li>Chemical-symbol character</li><li>Continuously rotating type-head</li><li>Stepping-motor drive for web feed</li></ul>	Gear cutting 409/00 409/9001 409/9002 409/901	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate
400/90 400/901 400/902 400/903 400/904	<ul> <li>Chemical-symbol character</li> <li>Continuously rotating type-head</li> <li>Stepping-motor drive for web feed</li> <li>Stepping-motor drive for carriage feed</li> </ul>	Gear cutting 409/00 409/9001 409/9002 409/901 409/902	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold
400/90 400/901 400/902 400/903 400/904 Coating imp	<ul> <li>Chemical-symbol character</li> <li>Continuously rotating type-head</li> <li>Stepping-motor drive for web feed</li> <li>Stepping-motor drive for carriage feed</li> <li>Subscript or superscript character</li> </ul>	Gear cutting 409/00 409/9001 409/9002 409/901 409/902 409/903	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder
400/90 400/901 400/902 400/903 400/904 Coating imp	<ul> <li>Chemical-symbol character</li> <li>Continuously rotating type-head</li> <li>Stepping-motor drive for web feed</li> <li>Stepping-motor drive for carriage feed</li> <li>Subscript or superscript character</li> </ul> lements with material supply Coating implements with material supply	Gear cutting 409/00 409/9001 409/9002 409/901 409/902	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01	<ul> <li>Chemical-symbol character</li> <li>Continuously rotating type-head</li> <li>Stepping-motor drive for web feed</li> <li>Stepping-motor drive for carriage feed</li> <li>Subscript or superscript character</li> </ul> Idements with material supply <ul> <li>Coating implements with material supply</li> <li>Readily detachable lipstick cartridges</li> </ul>	Gear cutting 409/00 409/9001 409/9002 409/901 409/902 409/903 409/904	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01 401/02	Chemical-symbol character Continuously rotating type-head Stepping-motor drive for web feed Stepping-motor drive for carriage feed Subscript or superscript character  Ilements with material supply Coating implements with material supply Readily detachable lipstick cartridges Remote recording of writing	Gear cutting 409/00 409/9001 409/9002 409/901 409/902 409/903 409/904 Expanded, tl	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01	<ul> <li>Chemical-symbol character</li> <li>Continuously rotating type-head</li> <li>Stepping-motor drive for web feed</li> <li>Stepping-motor drive for carriage feed</li> <li>Subscript or superscript character</li> </ul> Idements with material supply <ul> <li>Coating implements with material supply</li> <li>Readily detachable lipstick cartridges</li> </ul>	Gear cutting 409/00 409/9001 409/9002 409/901 409/902 409/903 409/904 Expanded, tl threaded fast	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing  hreaded, driven, headed, tool-deformed, or locked-tener
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01 401/02 401/03	Chemical-symbol character Continuously rotating type-head Stepping-motor drive for web feed Stepping-motor drive for carriage feed Subscript or superscript character  Ilements with material supply Coating implements with material supply Readily detachable lipstick cartridges Remote recording of writing	Gear cutting 409/00 409/9001 409/9002 409/901 409/902 409/903 409/904 Expanded, tl	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01 401/02 401/03 Binder device	Chemical-symbol character Continuously rotating type-head Stepping-motor drive for web feed Stepping-motor drive for carriage feed Subscript or superscript character  Coating implements with material supply Readily detachable lipstick cartridges Remote recording of writing Point shape	Gear cutting 409/00 409/9001 409/9002 409/901 409/902 409/903 409/904 Expanded, tl threaded fast	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing  hreaded, driven, headed, tool-deformed, or locked-tener  Expanded, threaded, driven, headed, tool-deformed, or locked-tener
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01 401/02 401/03	<ul> <li>Chemical-symbol character</li> <li>Continuously rotating type-head</li> <li>Stepping-motor drive for web feed</li> <li>Stepping-motor drive for carriage feed</li> <li>Subscript or superscript character</li> </ul> Ilements with material supply <ul> <li>Coating implements with material supply</li> <li>Readily detachable lipstick cartridges</li> <li>Remote recording of writing</li> <li>Point shape</li> </ul>	Gear cutting 409/00 409/9001 409/9002 409/901 409/902 409/903 409/904 Expanded, the threaded fast 411/00	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing  hreaded, driven, headed, tool-deformed, or locked-tener  Expanded, threaded, driven, headed, tool-deformed, or locked-tener  Thread forming, reforming, or cleaning
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01 401/02 401/03 Binder device	Chemical-symbol character Continuously rotating type-head Stepping-motor drive for web feed Stepping-motor drive for carriage feed Subscript or superscript character  Coating implements with material supply Readily detachable lipstick cartridges Remote recording of writing Point shape  The releasably engaging aperture or notch of sheet  Binder device releasably engaging aperture or notch of sheet	Gear cutting 409/00 409/9001 409/9002 409/901 409/902 409/903 409/904  Expanded, the threaded fast 411/00	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing  hreaded, driven, headed, tool-deformed, or locked-tener  Expanded, threaded, driven, headed, tool-deformed, or locked-tener
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01 401/02 401/03 Binder device 402/00	<ul> <li>Chemical-symbol character</li> <li>Continuously rotating type-head</li> <li>Stepping-motor drive for web feed</li> <li>Stepping-motor drive for carriage feed</li> <li>Subscript or superscript character</li> </ul> Coating implements with material supply <ul> <li>Readily detachable lipstick cartridges</li> <li>Remote recording of writing</li> <li>Point shape</li> </ul> The releasably engaging aperture or notch of sheet Binder device releasably engaging aperture or notch of sheet <ul> <li>Binder with tab or fastener for securing sheet</li> </ul>	Gear cutting 409/00 409/9001 409/9002 409/901 409/902 409/903 409/904  Expanded, tl threaded fast 411/00  411/01 411/02	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing  hreaded, driven, headed, tool-deformed, or locked-tener  Expanded, threaded, driven, headed, tool-deformed, or locked-tener  Thread forming, reforming, or cleaning  Temperature modification
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01 401/02 401/03 Binder device 402/00	Chemical-symbol character Continuously rotating type-head Stepping-motor drive for web feed Stepping-motor drive for carriage feed Subscript or superscript character  Coating implements with material supply Readily detachable lipstick cartridges Remote recording of writing Point shape  The releasably engaging aperture or notch of sheet  Binder device releasably engaging aperture or notch of sheet	Gear cutting 409/00 409/9001 409/9002 409/901 409/903 409/904  Expanded, tl threaded fast 411/00 411/01 411/02 411/03	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing  hreaded, driven, headed, tool-deformed, or locked-tener  Expanded, threaded, driven, headed, tool-deformed, or locked-tener  Thread forming, reforming, or cleaning Temperature modification  Utilizing fluid pressure
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01 401/02 401/03 Binder device 402/00	<ul> <li>Chemical-symbol character</li> <li>Continuously rotating type-head</li> <li>Stepping-motor drive for web feed</li> <li>Stepping-motor drive for carriage feed</li> <li>Subscript or superscript character</li> </ul> Coating implements with material supply <ul> <li>Readily detachable lipstick cartridges</li> <li>Remote recording of writing</li> <li>Point shape</li> </ul> Pereleasably engaging aperture or notch of sheet Binder device releasably engaging aperture or notch of sheet <ul> <li>Binder with tab or fastener for securing sheet</li> <li>Sheet retainer continuous with periphery of sheet</li> </ul>	Gear cutting 409/00 409/9001 409/9002 409/901 409/903 409/904  Expanded, tl threaded fast 411/00 411/01 411/02 411/03	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing  hreaded, driven, headed, tool-deformed, or locked-tener  Expanded, threaded, driven, headed, tool-deformed, or locked-tener  Thread forming, reforming, or cleaning  Temperature modification  Utilizing fluid pressure  Fastener or fastener element composed of plural
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01 401/02 401/03 Binder device 402/00 402/50 402/501	<ul> <li>Chemical-symbol character</li> <li>Continuously rotating type-head</li> <li>Stepping-motor drive for web feed</li> <li>Stepping-motor drive for carriage feed</li> <li>Subscript or superscript character</li> </ul> Coating implements with material supply <ul> <li>Readily detachable lipstick cartridges</li> <li>Remote recording of writing</li> <li>Point shape</li> </ul> De releasably engaging aperture or notch of sheet Binder device releasably engaging aperture or notch of sheet <ul> <li>Binder with tab or fastener for securing sheet</li> <li>Sheet retainer continuous with periphery of sheet notch</li> </ul>	Gear cutting 409/00 409/9001 409/9002 409/901 409/902 409/903 409/904  Expanded, tl threaded fast 411/00 411/01 411/02 411/03 411/90	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing  hreaded, driven, headed, tool-deformed, or locked-tener  Expanded, threaded, driven, headed, tool-deformed, or locked-tener  Thread forming, reforming, or cleaning  Temperature modification  Utilizing fluid pressure  Fastener or fastener element composed of plural different materials
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01 401/02 401/03 Binder device 402/00 402/50 402/501	<ul> <li>Chemical-symbol character</li> <li>Continuously rotating type-head</li> <li>Stepping-motor drive for web feed</li> <li>Stepping-motor drive for carriage feed</li> <li>Subscript or superscript character</li> </ul> Coating implements with material supply <ul> <li>Readily detachable lipstick cartridges</li> <li>Remote recording of writing</li> <li>Point shape</li> </ul> Pereleasably engaging aperture or notch of sheet Binder device releasably engaging aperture or notch of sheet <ul> <li>Binder with tab or fastener for securing sheet</li> <li>Sheet retainer continuous with periphery of sheet notch</li> <li>Container with sheet retainer</li> </ul>	Gear cutting 409/00 409/9001 409/9002 409/901 409/902 409/903 409/904  Expanded, tl threaded fast 411/00 411/01 411/02 411/03 411/90	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing  hreaded, driven, headed, tool-deformed, or locked-tener  Expanded, threaded, driven, headed, tool-deformed, or locked-tener  Thread forming, reforming, or cleaning  Temperature modification  Utilizing fluid pressure  Fastener or fastener element composed of plural different materials  Core and exterior of different materials
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01 401/02 401/03 Binder device 402/00 402/50 402/501 402/502 402/503	<ul> <li>Chemical-symbol character</li> <li>Continuously rotating type-head</li> <li>Stepping-motor drive for web feed</li> <li>Stepping-motor drive for carriage feed</li> <li>Subscript or superscript character</li> </ul> Coating implements with material supply <ul> <li>Readily detachable lipstick cartridges</li> <li>Remote recording of writing</li> <li>Point shape</li> </ul> The releasably engaging aperture or notch of sheet Binder device releasably engaging aperture or notch of sheet <ul> <li>Binder with tab or fastener for securing sheet</li> <li>Sheet retainer continuous with periphery of sheet notch</li> <li>Container with sheet retainer</li> <li>Binder device, sheet or depository including magnetic material</li> </ul>	Gear cutting 409/00 409/9001 409/9002 409/901 409/902 409/903 409/904  Expanded, the threaded fast 411/00 411/01 411/02 411/03 411/90 411/901 411/902	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing  hreaded, driven, headed, tool-deformed, or locked-tener  Expanded, threaded, driven, headed, tool-deformed, or locked-tener  Thread forming, reforming, or cleaning  Temperature modification  Utilizing fluid pressure  Fastener or fastener element composed of plural different materials  Core and exterior of different materials  Metal core
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01 401/02 401/03 Binder device 402/00 402/50 402/501	<ul> <li>Chemical-symbol character</li> <li>Continuously rotating type-head</li> <li>Stepping-motor drive for web feed</li> <li>Stepping-motor drive for carriage feed</li> <li>Subscript or superscript character</li> </ul> Coating implements with material supply <ul> <li>Readily detachable lipstick cartridges</li> <li>Remote recording of writing</li> <li>Point shape</li> </ul> The releasably engaging aperture or notch of sheet Binder device releasably engaging aperture or notch of sheet <ul> <li>Binder with tab or fastener for securing sheet</li> <li>Sheet retainer continuous with periphery of sheet notch</li> <li>Container with sheet retainer</li> <li>Binder device, sheet or depository including magnetic material</li> </ul>	Gear cutting 409/00 409/9001 409/9002 409/901 409/902 409/903 409/904  Expanded, tl threaded fast 411/00 411/01 411/02 411/03 411/90 411/901 411/902 411/903 411/904	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing  hreaded, driven, headed, tool-deformed, or locked-tener  Expanded, threaded, driven, headed, tool-deformed, or locked-tener  Thread forming, reforming, or cleaning  Temperature modification  Utilizing fluid pressure  Fastener or fastener element composed of plural different materials  Core and exterior of different materials  Metal core  Resinous exterior  Fastener or fastener element composed of nonmetallic material
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01 401/02 401/03 Binder device 402/00 402/50 402/501 402/502 402/503	<ul> <li>Chemical-symbol character</li> <li>Continuously rotating type-head</li> <li>Stepping-motor drive for web feed</li> <li>Stepping-motor drive for carriage feed</li> <li>Subscript or superscript character</li> </ul> Coating implements with material supply <ul> <li>Readily detachable lipstick cartridges</li> <li>Remote recording of writing</li> <li>Point shape</li> </ul> The releasably engaging aperture or notch of sheet Binder device releasably engaging aperture or notch of sheet <ul> <li>Binder with tab or fastener for securing sheet</li> <li>Sheet retainer continuous with periphery of sheet notch</li> <li>Container with sheet retainer</li> <li>Binder device, sheet or depository including magnetic material</li> </ul>	Gear cutting 409/00 409/9001 409/9002 409/901 409/902 409/903 409/904  Expanded, tl threaded fast 411/00 411/01 411/02 411/03 411/90 411/901 411/902 411/903 411/904 411/905	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing  hreaded, driven, headed, tool-deformed, or locked-tener  Expanded, threaded, driven, headed, tool-deformed, or locked-tener  Expanded, or locked-threaded fastener  Thread forming, reforming, or cleaning  Temperature modification  Utilizing fluid pressure  Fastener or fastener element composed of plural different materials  Core and exterior of different materials  Metal core  Resinous exterior  Fastener or fastener element composed of nonmetallic material  Paper or wood
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01 401/02 401/03 Binder device 402/00 402/50 402/501 402/502 402/503 Joints and co	<ul> <li>Chemical-symbol character</li> <li>Continuously rotating type-head</li> <li>Stepping-motor drive for web feed</li> <li>Stepping-motor drive for carriage feed</li> <li>Subscript or superscript character</li> </ul> Coating implements with material supply <ul> <li>Readily detachable lipstick cartridges</li> <li>Remote recording of writing</li> <li>Point shape</li> </ul> The releasably engaging aperture or notch of sheet Binder device releasably engaging aperture or notch of sheet <ul> <li>Binder with tab or fastener for securing sheet</li> <li>Sheet retainer continuous with periphery of sheet notch</li> <li>Container with sheet retainer</li> <li>Binder device, sheet or depository including magnetic material</li> </ul> Donnections Joints and connections Magnetic	Gear cutting 409/00 409/9001 409/9002 409/901 409/903 409/904  Expanded, tl threaded fast 411/00 411/01 411/02 411/03 411/90 411/901 411/902 411/903 411/904 411/905 411/906	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing  hreaded, driven, headed, tool-deformed, or locked-tener  Expanded, threaded, driven, headed, tool-deformed, or locked-tener  Expanded, threaded, driven, headed, tool-deformed, or locked-threaded fastener  Thread forming, reforming, or cleaning  Temperature modification  Utilizing fluid pressure  Fastener or fastener element composed of plural different materials  Core and exterior of different materials  Metal core  Resinous exterior  Fastener or fastener element composed of nonmetallic material  Paper or wood  Leather or fabric
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01 401/02 401/03 Binder device 402/50 402/501 402/502 402/503 Joints and coad 403/00 403/01 403/02	<ul> <li>Chemical-symbol character</li> <li>Continuously rotating type-head</li> <li>Stepping-motor drive for web feed</li> <li>Stepping-motor drive for carriage feed</li> <li>Subscript or superscript character</li> </ul> Coating implements with material supply <ul> <li>Readily detachable lipstick cartridges</li> <li>Remote recording of writing</li> <li>Point shape</li> </ul> Te releasably engaging aperture or notch of sheet Binder device releasably engaging aperture or notch of sheet <ul> <li>Binder with tab or fastener for securing sheet</li> <li>Sheet retainer continuous with periphery of sheet notch</li> <li>Container with sheet retainer</li> <li>Binder device, sheet or depository including magnetic material</li> </ul> Donnections <ul> <li>Joints and connections</li> <li>Magnetic</li> <li>Metal treatment</li> </ul>	Gear cutting 409/00 409/9001 409/9002 409/901 409/903 409/904  Expanded, tl threaded fast 411/00 411/01 411/02 411/03 411/90 411/901 411/902 411/903 411/904 411/905 411/906 411/907	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing  hreaded, driven, headed, tool-deformed, or locked-tener  Expanded, threaded, driven, headed, tool-deformed, or locked-tener  Thread forming, reforming, or cleaning  Temperature modification  Utilizing fluid pressure  Fastener or fastener element composed of plural different materials  Core and exterior of different materials  Metal core  Metal core  Resinous exterior  Fastener or fastener element composed of nonmetallic material  Paper or wood  Leather or fabric  Elastomeric
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01 401/02 401/03 Binder device 402/00 402/501 402/502 402/503 Joints and coad 403/00 403/01 403/02 403/03	<ul> <li>Chemical-symbol character</li> <li>Continuously rotating type-head</li> <li>Stepping-motor drive for web feed</li> <li>Stepping-motor drive for carriage feed</li> <li>Subscript or superscript character</li> </ul> Coating implements with material supply <ul> <li>Readily detachable lipstick cartridges</li> <li>Remote recording of writing</li> <li>Point shape</li> </ul> The releasably engaging aperture or notch of sheet Binder device releasably engaging aperture or notch of sheet <ul> <li>Binder with tab or fastener for securing sheet</li> <li>Sheet retainer continuous with periphery of sheet notch</li> <li>Container with sheet retainer</li> <li>Binder device, sheet or depository including magnetic material</li> </ul> Donnections <ul> <li>Joints and connections</li> <li>Magnetic</li> <li>Metal treatment</li> <li>Load-responsive release</li> </ul>	Gear cutting 409/00 409/9001 409/9002 409/901 409/902 409/903 409/904  Expanded, tl threaded fast 411/00 411/01 411/02 411/03 411/90 411/901 411/902 411/903 411/904 411/905 411/906 411/907 411/908	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing  hreaded, driven, headed, tool-deformed, or locked-tener  Expanded, threaded, driven, headed, tool-deformed, or locked-tener  Thread forming, reforming, or cleaning  Temperature modification  Utilizing fluid pressure  Fastener or fastener element composed of plural different materials  Core and exterior of different materials  Metal core  Metal core  Resinous exterior  Fastener or fastener element composed of nonmetallic material  Paper or wood  Leather or fabric  Elastomeric  Resinous material
400/90 400/901 400/902 400/903 400/904 Coating imp 401/00 401/01 401/02 401/03 Binder device 402/50 402/501 402/502 402/503 Joints and coad 403/00 403/01 403/02	<ul> <li>Chemical-symbol character</li> <li>Continuously rotating type-head</li> <li>Stepping-motor drive for web feed</li> <li>Stepping-motor drive for carriage feed</li> <li>Subscript or superscript character</li> </ul> Coating implements with material supply <ul> <li>Readily detachable lipstick cartridges</li> <li>Remote recording of writing</li> <li>Point shape</li> </ul> Te releasably engaging aperture or notch of sheet Binder device releasably engaging aperture or notch of sheet <ul> <li>Binder with tab or fastener for securing sheet</li> <li>Sheet retainer continuous with periphery of sheet notch</li> <li>Container with sheet retainer</li> <li>Binder device, sheet or depository including magnetic material</li> </ul> Donnections <ul> <li>Joints and connections</li> <li>Magnetic</li> <li>Metal treatment</li> </ul>	Gear cutting 409/00 409/9001 409/9002 409/901 409/903 409/904  Expanded, tl threaded fast 411/00 411/01 411/02 411/03 411/90 411/901 411/902 411/903 411/904 411/905 411/906 411/907	Gear cutting, milling, or planing  Machine button or locator  Machine tool carriage clamp  Stereotype printing plate  Tire mold  Work holder  with hydrostatic bearing  hreaded, driven, headed, tool-deformed, or locked-tener  Expanded, threaded, driven, headed, tool-deformed, or locked-tener  Thread forming, reforming, or cleaning  Temperature modification  Utilizing fluid pressure  Fastener or fastener element composed of plural different materials  Core and exterior of different materials  Metal core  Metal core  Resinous exterior  Fastener or fastener element composed of nonmetallic material  Paper or wood  Leather or fabric  Elastomeric

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411/91

. Antitamper means

411/911	One-way drive	411/963	Yielding interlocking washer
411/912	<ul> <li>Antisplitting fastener</li> </ul>	411/964	Detent
411/913	Self-expanding anchor	411/965	• • with retainer
411/914	. Coated bolt	411/966	Multiple, i.e. gang type
411/915	<ul> <li>Bolt having packing joint</li> </ul>	411/967	Deformable bolthead or nut
411/916	Bolt having tension feature	411/968	Deformable base member
411/917	<ul> <li>Nut having tension feature</li> </ul>	411/969	Deformable retainer
411/918	. Threadless nut	411/97	Resilient retainer
411/919	<ul> <li>Screw having driving contacts</li> </ul>	411/971	And side lock
411/92	. Staple	411/972	Distorted
411/921	<ul> <li>Multiple-pronged nail, spike or tack</li> </ul>	411/973	Gravity bolthead, nut or washer
411/922	<ul> <li>Nail, spike or tack having locking device</li> </ul>	411/974	Side lock
411/923	• Nail, spike or tack having specific head structure	411/975	Rotatable washer
411/924	. Coupled nut and bolt	411/976	Bent tongue-locked
411/9241	Deformed	411/977	Pawl-locked
411/925	Top stop	411/978	Pawl and ratchet
411/926	• Positive lock	411/979	Resilient
411/927	Side	411/98	Automatic
411/928	Thread gripper	411/981	Coiled washer
411/929	Thread lock	411/982	Spring-tongued washer plate
411/9291	Coil spring	411/983	Inelastic tongue
411/9292	Distorted washer	411/984	Longitudinal
411/93	• • • Flowing metal or settable material	411/985	Bolthead- or nut-held
411/931	Superposed nuts	411/986	Reversed bolthead or nut
411/932	Oppositely threaded	411/987	Side pin
411/933	Key or pawl locked	411/988	Spike-held locking plate
411/934	Side locked	411/989	Swinging
411/935	Cam or cone grip	411/99	Washer tongue-held
411/9351	Cam	411/991	Transversely sliding
411/936	Canted nut	411/992	Key, plate, or bar
411/937	Distorted nut	411/993	Bolthead- or nut-held
411/9371	Predistorted thread pitch or diameter	411/994	Sliding washer
411/9372	Post-distorted thread pitch or diameter	411/995	Transversely swinging
411/938	Distorted thread	411/996	. Transverse base-locking key
411/939	Longitudinal key	411/997	. Longitudinal fastener
411/94 411/941	Radial key or gib Side clutch	411/998 411/999	<ul><li>with positive bolt lock</li><li>with retainer, e.g. tether</li></ul>
411/941		411/999	• with retainer, e.g. tether
411/9411	Spring Roller	Bookbinding	g: process and apparatus
411/9412	Ball		
411/942	Tangential key	412/00	Bookbinding: process and apparatus
411/943	Flexible washer	412/90	Activating previously applied adhesive
411/944	Flexible key	412/901	. Pressure sensitive adhesive
411/945	· · Cross key	412/902	. Heating and pressing
411/946	Spring-seated	Material or	article handling
411/947	Elastic-gripping action	iviaterial of	_
411/948	Longitudinal key	414/00	Material or article handling
411/949	Rachet and bolt-carried pawl	414/10	<ul> <li>Associated with forming or dispersing groups of</li> </ul>
411/95	Rachet and nut-carried pawl		intersupporting articles, e.g. stacking patterns
411/951	Flexible	414/101	with article-supporting fluid cushion
411/952	Pivoted	414/102	including support for group
411/953	Washer-carried pawl	414/103	Vertically shiftable
411/954	Wedged slotted bolt	414/104	Shifted by change in weight thereon
411/955	Locked bolthead or nut	414/105	Shifted by article responsive means
411/956	Automatic base clutch	414/106	including means for supplying pallet or separator
411/957	Biting tooth	414/107	to group
411/958	Coiled washer	414/107	Recirculates emptied pallet or separator
411/959	Bolt- or nut-carried	414/108	including means for collecting emptied pallet or
411/96	· · · Friction	414/109	separator  Manual step utilized
411/961	Pawl and ratchet	414/109	Manual step utilized     Bricks
411/962	Bolthead or nut-carried pawl	414/11	Audio or video cassettes
-	¥	414/111	• • Audio of video cassettes

**Y10S** Material or article handling

414/112	Group formed or dispensed by reversible apparatus	Fluid reaction	on surfaces, i.e. impellers
414/113	Nonconforming article diverted	416/00	Fluid reaction surfaces, i.e. impellers
414/114	Adjust to handle articles or groups of different	416/01	. Stalker
717/117	sizes	416/02	<ul> <li>Formulas of curves</li> </ul>
414/115	including article counter	416/03	Sheet metal
414/116	including control for pattern of group	416/04	<ul> <li>Fluid current motor and generator</li> </ul>
414/117	<ul> <li>with means to apply adhesive to article</li> </ul>	416/05	<ul> <li>Variable camber or chord length</li> </ul>
414/118	having geneva drive for apparatus	416/06	<ul> <li>Supports for natural fluid current motors</li> </ul>
414/119	with article flap deflector	416/07	<ul> <li>Inlet and outlet</li> </ul>
414/12	including means pressing against top or end of	416/08	<ul> <li>Stack or chimney with fluid motor</li> </ul>
	group	416/09	• Savonius
414/121	Perforated article handling	416/50	<ul> <li>Vibration damping features</li> </ul>
414/122	Remote control handlers	416/501	<ul> <li>Fly brush type impeller</li> </ul>
414/123	Hollow cylinder handlers	_	
414/124	. Roll handlers	<u>Pumps</u>	
414/125	Combined or convertible implements	417/00	Pumps
414/126	Handlers with spring devices	417/01	Materials digest
414/127	Handling vehicles with overhead guard for operator	417/90	Slurry pumps, e.g. concrete
414/128	Handler-type toys	417/901	Cryogenic pumps
414/129	Shaft mucking machines	417/902	Hermetically sealed motor pump unit
414/13	<ul> <li>Handlers utilizing parallel links</li> </ul>	417/903	Treadle operated
414/131	. Transmission-line guide for a shiftable handler	417/904	. Well pump driven by fluid motor mounted above
414/132	. Vehicle-carried storage member, e.g. portable silo		ground
	and means for erecting member from attitude during		
	transport to position of intended use	Rotary expa	nsible chamber devices
414/133	Handling device on tractor unit	418/00	Rotary expansible chamber devices
414/134	<ul> <li>Handicapped person handling</li> </ul>	418/01	Non-working fluid separation
414/135	<ul> <li>Associated with semiconductor wafer handling</li> </ul>		8
414/136	<ul> <li>including wafer orienting means</li> </ul>	Alloys or me	etallic compositions
414/137	including means for charging or discharging	420/00	Allows or motallic compositions
	wafer cassette	420/00	Alloys or metallic compositions  . Hydrogen storage
414/138	Wafers positioned vertically within cassette	420/90	Superconductive
414/139	including wafer charging or discharging means	420/901	Superconductive

### Ro

414/14

414/141

for vacuum chamber

. . Wafer cassette transporting

. . includes means for gripping wafer

Rotary kinetic fluid motors or pumps		preserving, o	or sterilizing
415/00	Rotary kinetic fluid motors or pumps	422/00	Chemical apparatus and process disinfecting,
415/90 415/901 415/902 415/903 415/904 415/905 415/906 415/907 415/908 415/909 415/91	<ul> <li>Rotary blood pump</li> <li>Drilled well-type pump</li> <li>Rotary pump turbine publications</li> <li>Well bit drive turbine</li> <li>Tool drive turbine, e.g. dental drill</li> <li>Natural fluid current motor</li> <li>having specific features for water current</li> <li>Vertical runner axis</li> <li>Axial flow runner</li> <li>Air stack or shaft having natural fluid current motor</li> <li>Reversible between pump and motor use</li> </ul>	422/90 422/901 422/902 422/903 422/904 422/905 422/906 422/907	<ul> <li>deodorizing, preserving, or sterilizing</li> <li>Decreasing pollution or environmental impact</li> <li>Polymer dissolver</li> <li>Sodium chloride and potassium chloride dissolver</li> <li>Radioactive material apparatus</li> <li>Nitrogen fixation means</li> <li>Miscellaneous liquid sterilization means</li> <li>Plasma or ion generation means</li> <li>Corona or glow discharge means</li> <li>finorganic compounds</li> </ul>
415/911	Pump having reversible runner rotation and separate outlets for opposing directions of rotation	<b>423/00</b> 423/01	Chemistry of inorganic compounds  . Waste acid containing iron
415/912	Interchangeable parts to vary pumping capacity or size of pump	423/02 423/03	Sulfuric acid     Papermaking liquor
415/913 415/914 415/915 415/916	<ul> <li>Inlet and outlet with concentric portions</li> <li>Device to control boundary layer</li> <li>Pump or portion thereof by casting or molding</li> <li>Perpetual motion devices</li> </ul>	423/04 423/05 423/06 423/07 423/08 423/09	<ul> <li>Manganese marine modules</li> <li>Automatic, including computer, control</li> <li>Temperature control</li> <li>Isotope separation</li> <li>Corrosion or deposition inhibiting</li> <li>Reaction techniques</li> </ul>
		423/10	Plasma energized

. Superplastic

. Semiconductive

 $\underline{\textbf{Chemical apparatus and process disinfecting, deodorizing,}}$ 

420/902

420/903

423/11	High pressure	424/804	<ul> <li>involving IgG3, IgG4, IgA, or IgY</li> </ul>
423/12	Molten media	424/805	<ul> <li>involving IgE or IgD</li> </ul>
423/13	Catalyst contact	424/806	• involving IgM
423/14	Ion exchange; chelation or liquid/liquid ion	424/807	Monoclonal
	extraction	424/808	Human
423/15	Comminution	424/809	<ul> <li>involving immunoglobulin or antibody fragment,</li> </ul>
423/16	Fluidization		e.g. fab', fv, fc, heavy chain or light chain
423/17	Microbiological reactions	424/81	<ul> <li>involving autoimmunity, allergy, immediate</li> </ul>
423/18	<ul> <li>Treating trash or garbage</li> </ul>		hypersensitivity, delayed hypersensitivity,
423/19	<ul> <li>Geothermal steam purification</li> </ul>		immunosuppression, immunotolerance, or anergy
423/21	• Faujasite, e.g. X, Y, CZS-3, ECR-4, Z-14HS, VHP-	424/811	<ul> <li>involving sex selection or contraception</li> </ul>
	R	424/812	• Liposome comprising an antibody, antibody
423/22	• MFI, e.g. ZSM-5. silicalite, LZ-241		fragment, antigen, or other specific or nonspecific
423/23	• Ferrierite, e.g. SR-D ZSM-33	424/912	immunoeffector
423/24	• LTA, e.g. A, alpha, ZK-4, ZK-21, ZK-22	424/813	• Viral vaccine for bovine species, e.g. cattle
423/25	<ul> <li>Mordenite, e.g. NA-D, pttilolite, zeolon</li> </ul>	424/814	• Viral vaccine for ovine species, e.g. sheep
423/26	. Mazzite, e.g. ZSM-4, omega	424/815	• Viral vaccine for porcine species, e.g. swine
423/27	• Beta, e.g. NU-2	424/816	• Viral vaccine for avian species, e.g. poultry or other
423/28	. LTL, e.g. BA-G, L, AG-1, AG-2, AG-4, BA-6	424/817	birds  Viral vaccine for fish
423/29	• MEL, e.g. ZSM-11		
423/30	. Alpo and sapo	424/818	<ul> <li>Viral vaccine for canidae or mustelidae, e.g. dogs, foxes, minks</li> </ul>
423/31	. Rho, e.g. ECR-10, LZ-214	424/819	Viral vaccine for feline species, e.g. cats
423/32	. Sodalite, e.g. HS, ultramarine	424/819	<ul> <li>Viral vaccine for refine species, e.g. cars</li> <li>Viral vaccine for equine species, e.g. horses</li> </ul>
423/33	• MTW, e.g. ZSM-12, NU-13, CZH-5, TPZ-3	424/821	<ul> <li>involving temperature-sensitive mutant virus</li> </ul>
423/34	<ul> <li>Pentasils other than MFI and MEL, e.g. AZ-1,</li> </ul>	424/821	<ul> <li>involving temperature-sensitive mutant virus</li> <li>involving tk- virus</li> </ul>
	TZ-01, TZ-02, TRS, ZBM-10	424/822	Bacterial vaccine for bovine species, e.g. cattle
423/35	• TON, e.g. Theta-1, ISI-1, KZ-2, ZSM-22, NU-10	424/823	Bacterial vaccine for boome species, e.g. cattle     Bacterial vaccine for ovine species, e.g. sheep
423/36	• MTT, e.g. ZSM-23, ISI-1, KZ-1, EU-1, EU-4,	424/824	Bacterial vaccine for ovine species, e.g. sneep     Bacterial vaccine for porcine species, e.g. swine
400/05	EU-13	424/825	Bacterial vaccine for poicine species, e.g. swine     Bacterial vaccine for avian species, e.g. poultry or
423/37	LEV, e.g. levynik, ZMT-45, ZK-20, NU-3, LZ-132,	424/820	other birds
422/20	LZ-133	424/827	Bacterial vaccine for fish
423/38	Offretite, e.g. TMA offreite	424/828	Bacterial vaccine for ranidae or mustelidae, e.g.
423/39	• Fullerene, e.g. c60, c70 derivative and related	424/020	dogs, foxes, minks
422/40	process	424/829	Bacterial vaccine for equine species, e.g. horses
423/40	• Fullerene composition	424/83	• involving temperature-sensitive mutant bacterium
Drug, bio-af	fecting and body treating compositions	424/831	• involving capsular polysaccharide of bacterium, e.g.
			polyribosyl ribitol phosphate
	Drug, bio-affecting and body treating compositions	424/832	• involving bacterial toxin that has modified amino
424/01	Aerosol hair preparation		acid sequence
424/02	• Resin hair settings	424/90	. In vivo diagnostic or in vivo test agent which
424/03	. Hair bleach		contains an additional ingredient to reduce the
424/04	. Dandruff		toxicity or side effects of the active ingredient
424/05	. Stick	DI 41 41 1	
424/06	• Chelate	Plastic articl	le or earthenware shaping or treating: apparatus
424/07	Microporous membranes	425/00	Plastic article or earthenware shaping or treating:
424/08	Systemic pesticides		apparatus
424/09	• Fish posts	425/001	Accumulator
424/10	Insect repellent	425/002	. Air support
424/11	Termite treating	425/003	• Appendage
424/12	<ul> <li>Fertilization attaching inhibition</li> </ul>	425/004	Back pressure
424/13	Burn treatment	425/005	• Cammed
424/14	<ul> <li>Topical contraceptives and spermacides</li> </ul>	425/007	. Coil
424/15	• Suppositories	425/009	Cooling and color
424/16	Dendrimers and dendritic polymers	425/01	Core positioning
424/80	Antibody or fragment thereof whose amino acid	425/011	Dental injection
40.4/001	sequence is disclosed in whole or in part	425/012	Destructible mold and core
424/801	• involving antibody or fragment thereof produced by	425/013	. Electric heat
404/900	recombinant dna technology	425/014	Expansible and collapsible
424/802	<ul> <li>Antibody or antigen-binding fragment thereof that binds gram-positive bacteria</li> </ul>	425/015	• Explosive
121/902		425/016	Extrude and mold
424/803	<ul> <li>Antibody or antigen-binding fragment thereof that binds gram-negative bacteria</li> </ul>	425/017	Filament stretching apparatus
	omas gram negative bacteria		

425/019	Flexible fluid pressure	425/124 • Rubber matrix
425/02	Fluidized bed	425/125 . Sand mold
425/021	• Frictional drive	425/126 • Silo mold
425/022	• Friction heat	425/127 • Spring
425/023	. Glazing	425/128 • Swinging top press
425/024	. Gora	425/129 • Wedge
425/025	. Gutter	425/13 • Wire reinforce
425/026	. High pressure	425/131 • Yielding plunger
425/027	. Hot water bottle	425/132 • Portable
425/028	. Impact	425/20 • Molding plants
425/029	. Jigs and dies	425/201 . Diverse stations
425/03	Laminated mold	425/202 . Earthenwave type
425/032	. Lipstick	425/203 Control for blow molding apparatus
425/033	. Magnet	425/217 • Spinnerette forming conjugate, composite or hollow
425/034	. Morin	filaments
425/035	Opposed plunger	425/218 • Pipe machine: socket forming apparatus
425/036	• Patching	425/219 • with stick inserting means for edible product
425/037	. Perforate	425/221 • Injection mold closing and locking clamp, wedge or retention means
425/038	. Pre-form	
425/039	. Pre-heat	425/223 • Injection mold closing means utilizing variable closing pressure
425/04	Pulling wheel	425/224 • Injection mold nozzle valve
425/041	• Reshape	425/225 • Automatic control
425/042	Ring	425/226 • Actuated by contact with mold
425/043	Rocket fuel core	425/227 • Injection nozzle; positioned flush with mold or
425/044	Rubber mold	cavity
425/045	. Safety	425/228 • Injection plunger or ram: transfer molding type
425/046	. Scrap	425/229 • Injection mold runner valve
425/047	. Seal ring	425/23 • Hay wafering or pelletizing means
425/048	Sheet clamping	425/235 • Calendar
425/049	Spinnerette mixer	425/236 • Attenuating
425/05	Spray	425/237 • Varying density foam
425/051	• Sprue removal	425/238 • Boat hull mold
425/053	. Stretch	425/239 • Modular mold
425/054	Through travel mold	425/24 • Pre-fab mold
425/055	Polytetrafluoroethylene, i.e. PTFE  Telephone	425/241 . Wall panel mold
425/056 425/057	. Telephone	425/242 • Pipe joint seal mold
	Toy molding     Undercut	425/243 • Extrusion or injection molding
425/058 425/059	United parts	425/244 • Die and matrix
425/059	Vacuum	425/245 • Heat
425/061	Venetian blind	425/246 • Mold heating
425/101	Aggregate and pellet	425/247 • Multipart injection molds
425/101	Agregate and pener     Air ejection	425/248 • Uniting
425/105	Brace	425/249 . Character
425/106	. Chamber	425/801 • Button
425/107	. Connection	425/802 • Cable tube or rod splicing
425/108	. Conveyor	425/803 • Candle or crayon
425/109	Frangible connections	425/804 . Capsule making
425/11	Heated mold	425/805 . Comb or brush
425/111	Hollow block	425/806 • Flash removal
425/112	Inflatable form	425/807 • Lace tipping
425/113	Inner roll	425/808 • Lens mold
425/115	Lubricator	425/809 • Seal, bottle caps only
425/116	Mold cleaning	425/81 • Sound record
425/117	• Pallet	425/811 • Stencil
425/118	• Pallet feeder	425/812 • Venting
425/119	Perforated or porous	425/813 • Water bottle
425/12	Pottery appendage	425/814 . Zipper
425/121	Projection	. Chemically inert or reactive atmosphere
425/122	Reinforcing and aggregate	425/816 • Gas mask
425/123	. Repress	425/817 . Means molding pore formable material
		425/8175 Continuous

428/907

428/9077

428/908

428/9088

428/909

428/91

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428/9122

428/913

428/9133

. Resistant against plant or animal attack

. Resilient layer, e.g. printer's blanket

. Product with molecular orientation

pressure, e.g. blushed

. Wear-resistant layer

. Penetration resistant layer

. Puncture healing layer

light, moisture

e.g. plaque

record

. Mirror

. Layer or article rendered light-transmissive by

. Impression retention layer, e.g. print matrix, sound

. Material designed to be responsive to temperature,

. Decorative article for viewing from one side only,

i iastic article	or carmenware snaping or treating, apparatus		1105
425/818	. Belt	428/914	Transfer or decalcomania
		428/915	Fraud or tamper detecting
Food or edib	le material: processes, compositions, and products	428/916	Fraud or tamper detecting
426/00	Food or edible material: processes, compositions,	428/917	. Electroluminescent
420/00	and products	428/918	Material abnormally transparent
426/80	Geriatric	428/919	Camouflaged article
426/801	Pediatric	428/92	Fire or heat protection feature
426/802	Simulated animal flesh	428/921	Fire or flameproofing
426/803	Simulated fruit or vegetable	428/922	Static electricity metal bleed-off metallic stock
426/804	Low calorie, low sodium or hypoallergic	428/923	Physical dimension
426/805	• Pet food for dog, cat, bird, or fish	428/924	Composite
426/806	Salt or mineral substitute	428/925	Relative dimension specified
426/807	Poultry or ruminant feed	428/926	Thickness of individual layer specified
426/808	Starch base snack product	428/9265	Special properties
426/809	<ul> <li>including harvesting or planting or other numerous</li> </ul>	428/927	Decorative informative
420/007	miscellaneous processing steps	428/928	Magnetic property
426/81	• Energy rations, e.g. emergency rations, survival	428/929	Electrical contact feature
120/01	rations	428/93	Electric superconducting
426/811	Utilizing surface parting, antistick or release agent	428/931	Components of differing electric conductivity
.20/011	v cumbing surrace parting, analytical of foreuse agent	428/932	Abrasive or cutting feature
Coating proc	cesses	428/933	Sacrificial component
		428/9335	Product by special process
427/00	Coating processes	428/934	Electrical process
427/10	• Chemical vapor infiltration, i.e. CVI	428/935	Electroplating
427/101	Liquid Source Chemical Deposition, i.e. LSCVD or	428/936	Chemical deposition, e.g. electroless plating
407/100	Aerosol Chemical Vapor Deposition, i.e. ACVD	428/937	Sprayed metal
427/102	• Fullerene type base or coating	428/938	Vapor deposition or gas diffusion
427/103	Diamond-like carbon coating, i.e. DLC	428/939	Molten or fused coating
427/104	. Utilizing low energy electromagnetic radiation,	428/94	Pressure bonding, e.g. explosive
	e.g. microwave, radio wave, IR, UV, visible, actinic laser	428/941	Solid state alloying, e.g. diffusion, to
427/105		420/941	disappearance of an original layer
427/105	Utilizing ion plating or ion implantation		disappearance of an original rayer
427/106	Utilizing plasma, e.g. corona, glow discharge, cold plasma	Chemistry: e process	electrical current producing apparatus, product, and
Stock materi	ial or miscellaneous articles	429/00	Chemistry: electrical current producing
428/00	Stock material or miscellaneous articles	427/00	apparatus, product, and process
428/90		429/90	• Fuel cell including means for power conditioning,
428/901	Magnetic feature     Printed circuit	>/> 0	e.g. Conversion to ac
		429/901	• Fuel cell including means for utilization of heat for
428/902	High modulus filament or fiber		unrelated application, e.g. heating a building
428/903	Microfiber, less than 100 micron diameter  Parvaled materials		
428/9033	Recycled materials	Radiation im	nagery chemistry: process, composition, or product
428/904	Artificial leather	<u>thereof</u>	
428/9044	• Wall and shelf covering	430/00	Radiation imagery chemistry: process,
428/905	Odor releasing material	750/00	composition, or product thereof
428/906	. Roll or coil	430/001	Electric or magnetic imagery, e.g., xerography,
428/9066	• Embroidery	750/001	electrography, magnetography, etc. Process.

Radiation im	nagery chemistry: process, composition, or product
430/00	Radiation imagery chemistry: process,
	composition, or product thereof
430/001	<ul> <li>Electric or magnetic imagery, e.g., xerography,</li> </ul>
	electrography, magnetography, etc. Process,
	composition, or product
430/10	Donor-acceptor complex photoconductor
430/101	• • Photoconductive powder
430/102	• • Electrically charging radiation-conductive surface
430/103	Radiation sensitive composition or product
	containing specified antioxidant
430/104	One component toner
430/105	Polymer in developer
430/1053	<ul> <li>Imaging affecting physical property or radiation sensitive material, or producing nonplanar or printing surface - process, composition, or product: radiation sensitive composition or product or process of making binder containing</li> </ul>
430/1055	Radiation sensitive composition or product or process of making

420/106	Dinden containine	420/162	Dediction charming commound
430/106	Binder containing	430/163	Radiation-chromic compound
430/107	Polyamide or polyurethane	430/164	Rapid access processing
430/108	Polyolefin or halogen containing	430/165	Thermal imaging composition
430/109	Polyester	430/166	Toner containing
430/11	Vinyl alcohol polymer or derivative	430/167	. X-ray
430/111	Polymer of unsaturated acid or ester	430/168	X-ray exposure process
430/112	Cellulosic	Uooting	
430/113	with plasticizer	<b>Heating</b>	
430/114	Initiator containing	432/00	Heating
430/115	Cationic or anionic	432/50	Tobacco barns
430/116	Redox or dye sensitizer		
430/117	Free radical	Chemistry: n	nolecular biology and microbiology
430/118	with inhibitor or stabilizer	435/00	Chemistry: molecular biology and microbiology
430/119		435/80	Elimination or reduction of contamination by
430/12	Nitrogen compound containing	105/001	undersired ferments, e.g. aseptic cultivation
430/121	Nitrogen in heterocyclic ring	435/801	Anerobic cultivation
430/122	Sulfur compound containing	435/802	Logarithmic growth phase
430/123	Sulfur in heterocyclic ring	435/803	• Physical recovery methods, e.g. chromatography,
430/124	Carbonyl compound containing	105/004	grinding
430/125	Carbonyl in heterocyclic compound	435/804	. Single cell protein
430/126	Halogen compound containing	435/805	. Test papers
430/127	Spectral sensitizer containing	435/806	Fertility tests
430/128	Radiation-activated cross-linking agent	435/807	. Gas detection apparatus
130/120	containing	435/808	<ul> <li>Optical sensing apparatus</li> </ul>
430/129	Aerial films or processes specifically adapted for	435/809	. Incubators or racks or holders for culture plates or
	aerial radiaion imagery		containers
430/13	Antibronze agent or process	435/81	Packaged device or kit
430/131	Anticurl layer	435/811	. Interferon
430/132	Anti-ultraviolet fading	435/812	Foam control
430/133	Binder-free emulsion	435/813	. Continuous fermentation
430/134	Brightener containing	435/814	<ul> <li>Enzyme separation or purification</li> </ul>
430/135	• Cine film	435/815	by sorption
430/136	Coating process making radiation sensitive element	435/816	• • by solubility
430/137	Cobalt complex containing	435/817	Enzyme or microbe electrode
430/138	Corona discharge process	435/818	<ul> <li>Aeration or oxygen transfer technique</li> </ul>
430/139	Defect coating	435/819	<ul> <li>Fermentation vessels in series</li> </ul>
430/14	Dimensionally stable material	435/82	<ul> <li>Subcellular parts of microorganisms</li> </ul>
430/141	Direct positive material	435/821	<ul> <li>Microorganisms used in the destruction of</li> </ul>
430/142	Dye mordant		hazardous or toxic waste
430/143	Electron beam	435/8215	. Microorganisms
430/144	Hydrogen peroxide treatment	435/822	using bacteria or actinomycetales
430/145	Infrared	435/823	Acetobacter
430/146	Laser beam	435/824	Achromobacter
430/147	Lenticular	435/825	Actinomadura
430/148	Light sensitive titanium compound containing	435/826	Actinomyces
430/148	Light sensitive training compound containing     Lippmann	435/827	Actinoplanes
430/147	Lithographic emulsion	435/828	Aerobacter
430/151	Matting or other surface reflectivity altering	435/829	Alcaligenes
430/131	material	435/83	Arthrobacter
430/152	Making camera copy, e.g. mechanical negative	435/831	Azotobacter
430/152	<ul> <li>Making camera copy, e.g. mechanical negative</li> <li>Multiple image producing on single receiver</li> </ul>	435/832	Bacillus
430/133	Neutron beam	435/833	Bacillus brevis
430/154	<ul> <li>Neutron beam</li> <li>Nonresinous additive to promote interlayer adhesion</li> </ul>	435/834	Bacillus cereus
430/133	in element	435/835	Bacillus circulans
430/156	Precursor compound	435/836	Bacillus licheniformis
430/156	interlayer correction coupler, ICC	435/837	Bacillus megaterium
430/157	Development inhibitor releaser, DIR	435/838	Bacillus polymyxa
430/158	Development dye releaser, DDR	435/839	Bacillus subtilis
430/159	Blocked developers	435/84	Brevibacterium
		435/841	Chainia
430/161	Blocked restrainers  Protective or entirely soion lever	435/842	Clostridium
430/162	Protective or antiabrasion layer		

435/843	Corynebacterium	435/904 Streptomyces rimosus
435/844	Corynebacterium diphtheriae	435/905 Streptomyces sparogenes
435/845	Corynebacterium poinsettiae	435/906 Streptomyces venezuelae
435/846	Corynebacterium pyogenes	435/907 Streptosporangium
435/847	Erwinia	435/908 Streptovirticillium
435/848	Escherichia	435/909 Vibrio
435/849	Escherichia coli	435/91 Xanthomonas
435/85	Flavobacterium	435/911 using fungi
435/851	Haemophilus	435/912 Absidia
435/852	Klebsiella	435/913 Aspergillus
435/853	Lactobacillus	435/914 Aspergillus awamori
435/854	Lactobacillus acidophilus	435/915 Aspergillus flavus
435/855	Lactobacillus brevis	435/916 Aspergillus fumigatus
435/856	Lactobacillus casei	435/917 Aspergillus niger
435/857	Lactobacillus plantarum	435/918 Aspergillus oryzae
435/858	Methylomonas	435/919 Aspergillus ustus
435/859	Micrococcus	435/92 Aspergillus wenti
435/86	Micrococcus flavus	435/921 Candida
435/861	Micrococcus glutamicus	435/922 Candida albicans
435/862	Micrococcus lysodeikticus	435/923 Candida lipolytica
435/863	Mycobacterium	435/924 Candida tropicalis
435/864	Mycobacterium avium	435/925 Cephalosporium
435/865	Mycobacterium fortuitum	435/926 Cephalosporium acremonium
435/866	Mycobacterium smegmatis	435/927 Cephalosporium caerulens
435/867	Micromonospora	435/928 Cephalosporium crotocinigenium
435/868	Micromonospora chalcea	435/929 Fusarium
435/869	Micromonospora purpurea	435/93 Hansenula
435/87	Mycoplasma	435/931 Mucor
435/871	Neisseria	435/932 Paecilomyces
435/872	Nocardia	435/933 Penicillium
435/873	Proteus	435/934 Penicillium brevi
435/874	Pseudomonas	435/935 Penicillium chrysogenum
435/875	Pseudomonas aeruginosa	435/936 Penicillium notatium
435/876	Pseudomonas fluorescens	435/937 Penicillium patulum
435/877	Pseudomonas putida	435/938 Pichia
435/878	Rhizobium	435/939 Rhizopus
435/879	Salmonella	435/94 Saccharomyces
435/88	Serratia	435/941 Saccharomyces carlsbergensis
435/881	Serratia marcescens	435/942 Saccharomyces cerevisiae
435/882	Staphylococcus	435/943 Saccharomyces lactis
435/883	Staphylococcus aureus	435/944 Torulopsis
		•
435/884	Staphylococcus epidermidis	
435/885	Streptococcus	435/946 . using algae
435/886	Streptomyces	435/947 • using protozoa
435/887	Streptomyces albus	435/948 . using viruses or cell lines
435/888	Streptomyces antibioticus	• including a step of forming, releasing, or exposing
435/889	Streptomyces aureofaciens	the antigen or forming the hapten-immunogenic carrier complex or the antigen per se
435/89	Streptomyces aureus	435/962 • Prevention or removal of interfering materials or
435/891	Streptomyces bikiniensia	reactants or other treatment to enhance results, e.g.
435/892	Streptomyces candidus	determining or preventing nonspecific binding
435/893	Streptomyces chartreusis	435/963 • Methods of stopping an enzyme reaction or
435/894	Streptomyces diastatochromogenes	stabilizing the test materials
435/895	Streptomyces filipinensis	435/964 • including enzyme-ligand conjugate production, e.g.
435/896	Streptomyces fradiae	reducing rate of nonproductive linkage
435/897	Streptomyces griseus	435/965 • involving idiotype or anti-idiotype antibody
435/898	Streptomyces hygroscopicus	435/966 • involving an enzyme system with high turnover rate
435/899	Streptomyces lavendulae	or complement magnified assay, e.g. multi-enzyme
435/90	Streptomyces lincolnensis	systems
435/901	Streptomyces noursei	435/967 • Standards, controls, materials, e.g. validation
435/902	Streptomyces olivaceus	studies, buffer systems
435/903	Streptomyces platensis	•

435/968	• High energy substrates, e.g. fluorescent,	438/90	Bulk effect device making
105/050	chemiluminescent, radioactive	438/901	Capacitive junction
435/969	Multiple layering of reactants	438/902	. Capping layer
435/97	• Test strip or test slide	438/903	Catalyst aided deposition
435/971	. Capture of complex after antigen-antibody reaction	438/904	Charge carrier lifetime control
435/972	Modified antibody, e.g. hybrid, bifunctional	438/905	. Cleaning of reaction chamber
435/973	Simultaneous determination of more than one	438/906	. Cleaning of wafer as interim step
425/074	analyte	438/907	Continuous processing
435/974	• Aids related test	438/908	Utilizing cluster apparatus
435/975	. Kit	438/909	• Controlled atmosphere
Chemistry: a	analytical and immunological testing	438/91	<ul> <li>Controlling charging state at semiconductor- insulator interface</li> </ul>
436/00	Chemistry: analytical and immunological testing	438/911	Differential oxidation and etching
436/80	• Fluorescent dyes, e.g. rhodamine	438/912	Displacing pn junction
436/801	• Electron dense compounds, e.g. ferritin	438/913	<ul> <li>Diverse treatments performed in unitary chamber</li> </ul>
436/802	Protein-bacteriophage conjugates	438/914	• Doping
436/803	Stabe free radicals, e.g. spin immunoassay	438/915	Amphoteric doping
436/804	Radioisotope, e.g. radioimmunoassay	438/916	Autodoping control or utilization
436/805	Optical property	438/917	. Deep level dopants, e.g. gold, chromium, iron or
436/806	Electrical property or magnetic property		nickel
436/807	Apparatus included in process claim, e.g. physical	438/918	Special or nonstandard dopant
120/007	support structures	438/919	Compensation doping
436/808	Automated or kit	438/92	Controlling diffusion profile by oxidation
436/809	Multifield plates or multicontainer arrays	438/921	Nonselective diffusion
436/81	. Tube, bottle, or dipstick	438/922	<ul> <li>Diffusion along grain boundaries</li> </ul>
436/811	Test for named disease, body condition or organ	438/923	Diffusion through a layer
	function	438/924	To facilitate selective etching
436/812	Infectious mononucleosis	438/925	Fluid growth doping control, e.g. delta doping
436/813	Cancer	438/926	Dummy metallization
436/814	Pregnancy	438/927	Electromigration resistant metallization
436/815	Test for named compound or class of compounds	438/928	<ul> <li>Front and rear surface processing</li> </ul>
436/816	Alkaloids, amphetamines, and barbiturates	438/929	Eutectic semiconductor
436/817	Steroids or hormones	438/93	. Ternary or quaternary semiconductor comprised of
436/818	Human chorionic gonadotropin		elements from three different groups, e.g. I-III-V
436/819	Multifunctional antigen or antibody	438/931	Silicon carbide semiconductor
436/82	Hepatitis associated antigens and antibodies	438/932	Boron nitride semiconductor
436/821	involving complement factors or complement	438/933	<ul> <li>Germanium or silicon or Ge-Si on III-V</li> </ul>
	systems	438/934	<ul> <li>Sheet resistance, i.e. dopant parameters</li> </ul>
436/822	Identified hapten	438/935	. Gas flow control
436/823	. Immunogenic carrier or carrier per se	438/936	<ul> <li>Graded energy gap</li> </ul>
436/824	<ul> <li>Immunological separation techniques</li> </ul>	438/937	<ul> <li>Hillock prevention</li> </ul>
436/825	<ul> <li>Pretreatment for removal of interfering factors from</li> </ul>	438/938	<ul> <li>Lattice strain control or utilization</li> </ul>
	sample	438/939	<ul> <li>Langmuir-blodgett film utilization</li> </ul>
436/826	<ul> <li>Additives, e.g. buffers, diluents, preservatives</li> </ul>	438/94	<ul> <li>Laser ablative material removal</li> </ul>
436/827	. Lectins	438/941	<ul> <li>Loading effect mitigation</li> </ul>
436/828	• Protein A	438/942	• Masking
436/829	<ul> <li>Liposomes, e.g. encapsulation</li> </ul>	438/943	Movable
436/90	• Breath testing	438/944	Shadow
436/901	<ul> <li>Drugs of abuse, e.g. narcotics, amphetamine</li> </ul>	438/945	Special, e.g. metal
436/902	. Dosimeter	438/946	Step and repeat
436/903	<ul> <li>Diazo reactions</li> </ul>	438/947	<ul> <li>Subphotolithographic processing</li> </ul>
436/904	<ul> <li>Oxidation - reduction indicators</li> </ul>	438/948	Radiation resist
436/905	<ul> <li>Photochemical activation of reactions</li> </ul>	438/949	• • • Energy beam treating radiation resist on
436/906	• Fertility tests		semiconductor
436/907	Fetal lung maturity	438/95	Multilayer mask including nonradiation
436/908	Gravimetric analysis		sensitive layer
436/909	• Nephelometry	438/951	Lift-off
436/91	<ul> <li>Iron-binding capacity of blood</li> </ul>	438/952	Utilizing antireflective layer
<u>.</u> .		438/953	Making radiation resistant device
Semiconduct	tor device manufacturing: process	438/954	Making oxide-nitride-oxide device
438/00	Semiconductor device manufacturing: process	438/955 438/956	<ul><li>Melt-back</li><li>Making multiple wavelength emissive device</li></ul>

438/957	Making metal-insulator-metal device	439/922	Telephone switchboard protector
438/958	Passivation layer	439/923	Separation or disconnection aid
438/959	Mechanical polishing of wafer	439/9241	Contacts arranged for sequential connection
438/96	Porous semiconductor	439/9242	with contact preventer to require joining in a
438/961	. Ion beam source and generation	420/025	given sequence
438/962	• Quantum dots and lines	439/925 439/926	<ul> <li>Floor mounted, e.g. under carpet</li> <li>within machine casing or motor housing, connector</li> </ul>
438/963	• Removing process residues from vertical substrate	439/920	within casing wall
438/964	surfaces Roughened surface	439/927	Conductive gasket
438/965	Shaped junction formation	439/928	<ul> <li>Modular electrically interengaging parts, e.g.</li> </ul>
438/966	Selective oxidation of ion-amorphousized layer	437/720	stove with replaceable heating elements formed on
438/967	Semiconductor on specified insulator		coupling parts
438/968	Semiconductor-metal-semiconductor	439/9281	Plug-in carrier or adapter for removable
438/969	Simultaneous formation of monocrystalline and		component, e.g. "hard drive" for computer
130/707	polycrystalline regions	439/929	<ul> <li>Connecting base plate or shelf type holder</li> </ul>
438/97	Specified etch stop material	439/93	<ul> <li>Coupling part wherein contact is comprised of a</li> </ul>
438/971	Stoichiometric control of host substrate composition		wire or brush
438/972	Stored charge erasure	439/931	<ul> <li>Conductive coating</li> </ul>
438/973	Substrate orientation	439/932	. Heat shrink material
438/974	Substrate surface preparation	439/933	Special insulation
438/975	Substrate or mask aligning feature	439/934	• High voltage barrier, e.g. surface arcing or corona
438/976	Temporary protective layer	120/025	preventing insulator
438/977	<ul> <li>Thinning or removal of substrate</li> </ul>	439/935	. Glass or ceramic contact pin holder
438/978	<ul> <li>forming tapered edges on substrate or adjacent layers</li> </ul>	439/936	• Potting material or coating, e.g. grease, insulative coating, sealant or, adhesive
438/979	Tunnel diodes	439/937	Plural insulators in strip form
438/98	Utilizing process equivalents or options	439/9381	• Cathodic protection of structure, e.g. ship hull
438/981	Utilizing varying dielectric thickness	439/939	<ul> <li>with grounding to metal mounting panel</li> </ul>
438/982	• Varying orientation of devices in array	439/94	• including provision for mechanical lifting or
438/983	. Zener diodes	420/041	manipulation, e.g. for vacuum lifting
		439/941	• Crosstalk suppression
Electrical co	nnectors	439/942 439/943	. Comblike retainer for conductor
439/00	Electrical connectors	439/943	<ul> <li>including provision for pressing contact into pcb hole</li> </ul>
	Electrical connectors		
439/901		439/944	
	Connector hood or shell	439/944	. Coaxial connector having circuit-interrupting
439/901		439/944	
439/901 439/902	<ul><li>Connector hood or shell</li><li>Angularly disposed contact and conductor</li></ul>	439/944 439/945	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead"</li> </ul>
439/901 439/902 439/903	<ul><li>Connector hood or shell</li><li>Angularly disposed contact and conductor</li><li>Special latch for insert</li></ul>		<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> </ul>
439/901 439/902 439/903 439/904	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> </ul>	439/945	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> </ul>
439/901 439/902 439/903 439/904 439/905	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> </ul>	439/945 439/946	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> </ul>
439/901 439/902 439/903 439/904 439/905 439/906	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> </ul>	439/945 439/946 439/947	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type</li> </ul>
439/901 439/902 439/903 439/904 439/905 439/906	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical</li> </ul>	439/945 439/946 439/947 439/948 439/949	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> </ul>
439/901 439/902 439/903 439/904 439/905 439/906 439/907	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical connection on opposite sides of insulative body</li> </ul>	439/945 439/946 439/947 439/948	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> <li>Electrical connector adapted to transmit electricity</li> </ul>
439/901 439/902 439/903 439/904 439/905 439/906 439/907 439/908	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical connection on opposite sides of insulative body</li> <li>Medical use or attached to human body</li> </ul>	439/945 439/946 439/947 439/948 439/949	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> <li>Electrical connector adapted to transmit electricity to mating connector without physical contact, e.g.</li> </ul>
439/901 439/902 439/903 439/904 439/905 439/906 439/907	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical connection on opposite sides of insulative body</li> <li>Medical use or attached to human body</li> <li>Observation aide, e.g. transparent material, window</li> </ul>	439/945 439/946 439/947 439/948 439/949	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> <li>Electrical connector adapted to transmit electricity to mating connector without physical contact, e.g. by induction, magnetism, or electrostatic field</li> </ul>
439/901 439/902 439/903 439/904 439/905 439/906 439/907 439/908 439/909 439/91	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical connection on opposite sides of insulative body</li> <li>Medical use or attached to human body</li> <li>Observation aide, e.g. transparent material, window in housing</li> </ul>	439/945 439/946 439/947 439/948 439/949 439/95	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> <li>Electrical connector adapted to transmit electricity to mating connector without physical contact, e.g. by induction, magnetism, or electrostatic field</li> <li>PCB having detailed leading edge</li> </ul>
439/901 439/902 439/903 439/904 439/905 439/906 439/907 439/908	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical connection on opposite sides of insulative body</li> <li>Medical use or attached to human body</li> <li>Observation aide, e.g. transparent material, window in housing</li> <li>Safety, e.g. electrical disconnection required before</li> </ul>	439/945 439/946 439/947 439/948 439/949 439/95 439/951 439/952	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> <li>Electrical connector adapted to transmit electricity to mating connector without physical contact, e.g. by induction, magnetism, or electrostatic field</li> <li>PCB having detailed leading edge</li> <li>Jumper for use with specific apparatus</li> </ul>
439/901 439/902 439/903 439/904 439/905 439/906 439/907 439/908 439/909 439/91	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical connection on opposite sides of insulative body</li> <li>Medical use or attached to human body</li> <li>Observation aide, e.g. transparent material, window in housing</li> <li>Safety, e.g. electrical disconnection required before opening housing</li> </ul>	439/945 439/946 439/947 439/948 439/949 439/95	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> <li>Electrical connector adapted to transmit electricity to mating connector without physical contact, e.g. by induction, magnetism, or electrostatic field</li> <li>PCB having detailed leading edge</li> <li>Jumper for use with specific apparatus</li> <li>with latch rod to be retainingly received by opening</li> </ul>
439/901 439/902 439/903 439/904 439/905 439/906 439/907 439/908 439/909 439/911 439/911	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical connection on opposite sides of insulative body</li> <li>Medical use or attached to human body</li> <li>Observation aide, e.g. transparent material, window in housing</li> <li>Safety, e.g. electrical disconnection required before opening housing</li> <li>with testing means</li> </ul>	439/945 439/946 439/947 439/948 439/949 439/95 439/951 439/952 439/953	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> <li>Electrical connector adapted to transmit electricity to mating connector without physical contact, e.g. by induction, magnetism, or electrostatic field</li> <li>PCB having detailed leading edge</li> <li>Jumper for use with specific apparatus</li> <li>with latch rod to be retainingly received by opening of mating connector</li> </ul>
439/901 439/902 439/903 439/904 439/905 439/906 439/907 439/908 439/909 439/91	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical connection on opposite sides of insulative body</li> <li>Medical use or attached to human body</li> <li>Observation aide, e.g. transparent material, window in housing</li> <li>Safety, e.g. electrical disconnection required before opening housing</li> <li>with testing means</li> <li>Condition determining device, e.g. oxygen sensor,</li> </ul>	439/945 439/946 439/947 439/948 439/949 439/95 439/951 439/952 439/953	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> <li>Electrical connector adapted to transmit electricity to mating connector without physical contact, e.g. by induction, magnetism, or electrostatic field</li> <li>PCB having detailed leading edge</li> <li>Jumper for use with specific apparatus</li> <li>with latch rod to be retainingly received by opening of mating connector</li> <li>Special orientation of electrical connector</li> </ul>
439/901 439/902 439/903 439/904 439/905 439/906 439/907 439/908 439/909 439/911 439/911	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical connection on opposite sides of insulative body</li> <li>Medical use or attached to human body</li> <li>Observation aide, e.g. transparent material, window in housing</li> <li>Safety, e.g. electrical disconnection required before opening housing</li> <li>with testing means</li> <li>Condition determining device, e.g. oxygen sensor, accelerometer, ionizer chamber, thermocouple</li> </ul>	439/945 439/946 439/947 439/948 439/949 439/95 439/951 439/952 439/953 439/954 439/955	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> <li>Electrical connector adapted to transmit electricity to mating connector without physical contact, e.g. by induction, magnetism, or electrostatic field</li> <li>PCB having detailed leading edge</li> <li>Jumper for use with specific apparatus</li> <li>with latch rod to be retainingly received by opening of mating connector</li> <li>Special orientation of electrical connector</li> <li>including electronic identifier or coding means</li> </ul>
439/901 439/902 439/903 439/904 439/905 439/906 439/907 439/908 439/909 439/911 439/911 439/913	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical connection on opposite sides of insulative body</li> <li>Medical use or attached to human body</li> <li>Observation aide, e.g. transparent material, window in housing</li> <li>Safety, e.g. electrical disconnection required before opening housing</li> <li>with testing means</li> <li>Condition determining device, e.g. oxygen sensor, accelerometer, ionizer chamber, thermocouple</li> <li>for flashbulb or camera, including flash cube</li> </ul>	439/945 439/946 439/947 439/948 439/949 439/95 439/951 439/952 439/953	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> <li>Electrical connector adapted to transmit electricity to mating connector without physical contact, e.g. by induction, magnetism, or electrostatic field</li> <li>PCB having detailed leading edge</li> <li>Jumper for use with specific apparatus</li> <li>with latch rod to be retainingly received by opening of mating connector</li> <li>Special orientation of electrical connector</li> </ul>
439/901 439/902 439/903 439/904 439/905 439/906 439/907 439/908 439/909 439/91 439/911 439/913 439/913	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical connection on opposite sides of insulative body</li> <li>Medical use or attached to human body</li> <li>Observation aide, e.g. transparent material, window in housing</li> <li>Safety, e.g. electrical disconnection required before opening housing</li> <li>with testing means</li> <li>Condition determining device, e.g. oxygen sensor, accelerometer, ionizer chamber, thermocouple</li> </ul>	439/945 439/946 439/947 439/948 439/949 439/95 439/951 439/952 439/953 439/954 439/955	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> <li>Electrical connector adapted to transmit electricity to mating connector without physical contact, e.g. by induction, magnetism, or electrostatic field</li> <li>PCB having detailed leading edge</li> <li>Jumper for use with specific apparatus</li> <li>with latch rod to be retainingly received by opening of mating connector</li> <li>Special orientation of electrical connector</li> <li>including electronic identifier or coding means</li> <li>with means to allow selection of diverse voltage or</li> </ul>
439/901 439/902 439/903 439/904 439/905 439/906 439/907 439/908 439/909 439/911 439/911 439/913 439/914 439/915	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical connection on opposite sides of insulative body</li> <li>Medical use or attached to human body</li> <li>Observation aide, e.g. transparent material, window in housing</li> <li>Safety, e.g. electrical disconnection required before opening housing</li> <li>with testing means</li> <li>Condition determining device, e.g. oxygen sensor, accelerometer, ionizer chamber, thermocouple</li> <li>for flashbulb or camera, including flash cube</li> <li>Auxiliary device for existing plug</li> </ul>	439/945 439/946 439/947 439/948 439/949 439/95 439/951 439/952 439/953 439/955 439/956 439/957	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> <li>Electrical connector adapted to transmit electricity to mating connector without physical contact, e.g. by induction, magnetism, or electrostatic field</li> <li>PCB having detailed leading edge</li> <li>Jumper for use with specific apparatus</li> <li>with latch rod to be retainingly received by opening of mating connector</li> <li>Special orientation of electrical connector</li> <li>including electronic identifier or coding means</li> <li>with means to allow selection of diverse voltage or polarity</li> <li>Auxiliary contact part for circuit adaptation</li> </ul>
439/901 439/902 439/903 439/904 439/905 439/906 439/907 439/908 439/909 439/911 439/911 439/913 439/915 439/916	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical connection on opposite sides of insulative body</li> <li>Medical use or attached to human body</li> <li>Observation aide, e.g. transparent material, window in housing</li> <li>Safety, e.g. electrical disconnection required before opening housing</li> <li>with testing means</li> <li>Condition determining device, e.g. oxygen sensor, accelerometer, ionizer chamber, thermocouple</li> <li>for flashbulb or camera, including flash cube</li> <li>Auxiliary device for existing plug</li> <li>Antenna</li> <li>Alarm circuit, e.g. window affixed foil</li> <li>Multilamp vehicle panel</li> </ul>	439/945 439/946 439/947 439/948 439/949 439/95 439/951 439/952 439/953 439/955 439/956	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> <li>Electrical connector adapted to transmit electricity to mating connector without physical contact, e.g. by induction, magnetism, or electrostatic field</li> <li>PCB having detailed leading edge</li> <li>Jumper for use with specific apparatus</li> <li>with latch rod to be retainingly received by opening of mating connector</li> <li>Special orientation of electrical connector</li> <li>including electronic identifier or coding means</li> <li>with means to allow selection of diverse voltage or polarity</li> <li>Auxiliary contact part for circuit adaptation</li> </ul>
439/901 439/902 439/903 439/904 439/905 439/906 439/907 439/908 439/909 439/911 439/911 439/912 439/913 439/914 439/915 439/916 439/917	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical connection on opposite sides of insulative body</li> <li>Medical use or attached to human body</li> <li>Observation aide, e.g. transparent material, window in housing</li> <li>Safety, e.g. electrical disconnection required before opening housing</li> <li>with testing means</li> <li>Condition determining device, e.g. oxygen sensor, accelerometer, ionizer chamber, thermocouple</li> <li>for flashbulb or camera, including flash cube</li> <li>Auxiliary device for existing plug</li> <li>Antenna</li> <li>Alarm circuit, e.g. window affixed foil</li> <li>Multilamp vehicle panel</li> <li>for treatment by electrical current, e.g. magnet or</li> </ul>	439/945 439/946 439/947 439/948 439/949 439/95 439/951 439/952 439/953 439/955 439/956 439/957	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> <li>Electrical connector adapted to transmit electricity to mating connector without physical contact, e.g. by induction, magnetism, or electrostatic field</li> <li>PCB having detailed leading edge</li> <li>Jumper for use with specific apparatus</li> <li>with latch rod to be retainingly received by opening of mating connector</li> <li>Special orientation of electrical connector</li> <li>including electronic identifier or coding means</li> <li>with means to allow selection of diverse voltage or polarity</li> <li>Auxiliary contact part for circuit adaptation</li> </ul>
439/901 439/902 439/903 439/904 439/905 439/906 439/907 439/908 439/911 439/911 439/912 439/913 439/914 439/915 439/916 439/917 439/918 439/919	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical connection on opposite sides of insulative body</li> <li>Medical use or attached to human body</li> <li>Observation aide, e.g. transparent material, window in housing</li> <li>Safety, e.g. electrical disconnection required before opening housing</li> <li>with testing means</li> <li>Condition determining device, e.g. oxygen sensor, accelerometer, ionizer chamber, thermocouple</li> <li>for flashbulb or camera, including flash cube</li> <li>Auxiliary device for existing plug</li> <li>Antenna</li> <li>Alarm circuit, e.g. window affixed foil</li> <li>Multilamp vehicle panel</li> <li>for treatment by electrical current, e.g. magnet or battery charger, heater or welder</li> </ul>	439/945 439/946 439/947 439/948 439/949 439/95 439/951 439/953 439/953 439/955 439/956 439/957 <b>Amusement</b>	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> <li>Electrical connector adapted to transmit electricity to mating connector without physical contact, e.g. by induction, magnetism, or electrostatic field</li> <li>PCB having detailed leading edge</li> <li>Jumper for use with specific apparatus</li> <li>with latch rod to be retainingly received by opening of mating connector</li> <li>Special orientation of electrical connector</li> <li>including electronic identifier or coding means</li> <li>with means to allow selection of diverse voltage or polarity</li> <li>Auxiliary contact part for circuit adaptation</li> </ul> devices: toys Amusement devices: toys
439/901 439/902 439/903 439/904 439/905 439/906 439/907 439/908 439/909 439/911 439/911 439/913 439/914 439/915 439/916 439/917 439/918	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical connection on opposite sides of insulative body</li> <li>Medical use or attached to human body</li> <li>Observation aide, e.g. transparent material, window in housing</li> <li>Safety, e.g. electrical disconnection required before opening housing</li> <li>with testing means</li> <li>Condition determining device, e.g. oxygen sensor, accelerometer, ionizer chamber, thermocouple</li> <li>for flashbulb or camera, including flash cube</li> <li>Auxiliary device for existing plug</li> <li>Antenna</li> <li>Alarm circuit, e.g. window affixed foil</li> <li>Multilamp vehicle panel</li> <li>for treatment by electrical current, e.g. magnet or battery charger, heater or welder</li> <li>for interconnecting rigid pipelike bodies, e.g. wave</li> </ul>	439/945 439/946 439/947 439/948 439/949 439/95 439/951 439/953 439/953 439/955 439/956 439/957 <b>Amusement</b>	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> <li>Electrical connector adapted to transmit electricity to mating connector without physical contact, e.g. by induction, magnetism, or electrostatic field</li> <li>PCB having detailed leading edge</li> <li>Jumper for use with specific apparatus</li> <li>with latch rod to be retainingly received by opening of mating connector</li> <li>Special orientation of electrical connector</li> <li>including electronic identifier or coding means</li> <li>with means to allow selection of diverse voltage or polarity</li> <li>Auxiliary contact part for circuit adaptation</li> </ul>
439/901 439/902 439/903 439/904 439/905 439/906 439/907 439/908 439/909 439/911 439/911 439/913 439/914 439/915 439/916 439/917 439/918 439/919	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical connection on opposite sides of insulative body</li> <li>Medical use or attached to human body</li> <li>Observation aide, e.g. transparent material, window in housing</li> <li>Safety, e.g. electrical disconnection required before opening housing</li> <li>with testing means</li> <li>Condition determining device, e.g. oxygen sensor, accelerometer, ionizer chamber, thermocouple</li> <li>for flashbulb or camera, including flash cube</li> <li>Auxiliary device for existing plug</li> <li>Antenna</li> <li>Alarm circuit, e.g. window affixed foil</li> <li>Multilamp vehicle panel</li> <li>for treatment by electrical current, e.g. magnet or battery charger, heater or welder</li> <li>for interconnecting rigid pipelike bodies, e.g. wave guides</li> </ul>	439/945 439/946 439/947 439/948 439/949 439/95 439/951 439/953 439/953 439/955 439/956 439/957 <b>Amusement</b>	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> <li>Electrical connector adapted to transmit electricity to mating connector without physical contact, e.g. by induction, magnetism, or electrostatic field</li> <li>PCB having detailed leading edge</li> <li>Jumper for use with specific apparatus</li> <li>with latch rod to be retainingly received by opening of mating connector</li> <li>Special orientation of electrical connector</li> <li>including electronic identifier or coding means</li> <li>with means to allow selection of diverse voltage or polarity</li> <li>Auxiliary contact part for circuit adaptation</li> </ul> devices: toys Amusement devices: toys
439/901 439/902 439/903 439/904 439/905 439/906 439/907 439/908 439/911 439/911 439/912 439/913 439/914 439/915 439/916 439/917 439/918 439/919	<ul> <li>Connector hood or shell</li> <li>Angularly disposed contact and conductor</li> <li>Special latch for insert</li> <li>Multipart shell</li> <li>Axially joined sections</li> <li>Longitudinally divided</li> <li>Contact having three contact surfaces, including diverse surface</li> <li>Contact having two contact surfaces for electrical connection on opposite sides of insulative body</li> <li>Medical use or attached to human body</li> <li>Observation aide, e.g. transparent material, window in housing</li> <li>Safety, e.g. electrical disconnection required before opening housing</li> <li>with testing means</li> <li>Condition determining device, e.g. oxygen sensor, accelerometer, ionizer chamber, thermocouple</li> <li>for flashbulb or camera, including flash cube</li> <li>Auxiliary device for existing plug</li> <li>Antenna</li> <li>Alarm circuit, e.g. window affixed foil</li> <li>Multilamp vehicle panel</li> <li>for treatment by electrical current, e.g. magnet or battery charger, heater or welder</li> <li>for interconnecting rigid pipelike bodies, e.g. wave</li> </ul>	439/945 439/946 439/947 439/948 439/949 439/95  439/951 439/952 439/953  439/954 439/955 439/956 439/957  Amusement (446/00) 446/901	<ul> <li>Coaxial connector having circuit-interrupting provision effected by mating or having "dead" contact activated after mating</li> <li>Adapter for pcb or cartridge</li> <li>Memory card cartridge</li> <li>PCB mounted connector with ground terminal</li> <li>Contact or connector with insertion depth limiter</li> <li>Junction box with busbar for plug-socket type interconnection with receptacle</li> <li>Electrical connector adapted to transmit electricity to mating connector without physical contact, e.g. by induction, magnetism, or electrostatic field</li> <li>PCB having detailed leading edge</li> <li>Jumper for use with specific apparatus</li> <li>with latch rod to be retainingly received by opening of mating connector</li> <li>Special orientation of electrical connector</li> <li>including electronic identifier or coding means</li> <li>with means to allow selection of diverse voltage or polarity</li> <li>Auxiliary contact part for circuit adaptation</li> </ul> devices: toys Amusement devices: toys

Y10S Abrading

Tieruumg			1100
451/90	. Gear abrader	464/904	Homokinetic coupling
451/901	• Super finish	464/905	Torque transmitted via radially extending pin
451/902	Brake abrading	464/906	Torque transmitted via radially spaced balls
451/903	• Egg cleaning		· · · · · · · · · · · · · · · · · · ·
451/904	Flexible abrasive storage reel	Threaded, h	eaded fastener, or washer making: process and
451/905	• Metal lap	<u>apparatus</u>	
451/906	Machine element or unit	470/00	Threaded, headed fastener, or washer making:
451/907	Strip feeding	470/00	process and apparatus
451/908	• Electrical abrading	470/90	• Floating workholder
451/909	• Wire polishing	470/901	Pipe or rod workholder
451/91	• Ultrasonic	470/902	. Workholder index
451/911	Tool mounting point	470/903	Yieldable spindle
451/912	Shoe abrading	470/904	Turret
451/913	Contour abrading	470/905	Wire coil insert
451/914	Supporting, positioning, or feeding work	470/906	Nylon plug lock
451/915	Abrading wheel speed control	470/907	Clinch nut feeder
451/916	Abrading of brush bristle	470/201	• Clineii nut recuei
451/917	• Abrading of scalloped cutting edge, e.g. bread knife	Endless belt	power transmission systems or components
451/918	sharpening	474/00	Endless belt power transmission systems or
451/918	<ul> <li>Adjustable work support, e.g. by sine bar</li> <li>Wankel</li> </ul>		components
		474/90	<ul> <li>Phase variator</li> </ul>
451/92 451/921	Tire "rounding"	474/901	• Pulley or guide roll for track of endless track vehicle
431/921	• Pad for lens shaping tool	474/902	<ul> <li>Particular connection between rim and hub</li> </ul>
Ventilation		474/903	Particular connection between hub and shaft
454/00	Ventilation	Planetary go	ear transmission systems or components
454/90	<ul> <li>Ventilator using solar power</li> </ul>	475/00	Planetary gear transmission systems or
454/901	Fog dispeller	2.2,00	components
454/902	<ul> <li>Air raid shelter ventilation</li> </ul>	475/90	Brake for input or output shaft
454/903	<ul> <li>Flexible ducts used for carrying air</li> </ul>	475/901	Particular material
454/904	<ul> <li>Magnetic means to hold a damper closed</li> </ul>	475/902	Nonmetallic
454/905	Black out means	475/903	Stacked planetary gearing
454/906	<ul> <li>Noise inhibiting means</li> </ul>	475/904	Particular mathematical equation
454/907	. Seat		1
454/908	<ul> <li>having rotary retarder</li> </ul>	Friction gea	<u>r transmission systems or components</u>
454/909	Radon prevention	476/00	Friction gear transmission systems or components
Crop threshi	ing or separating	476/90	Overload release
460/00	Crop threshing or separating	Interrelated	power delivery controls, including engine control
460/901	Material distributor		
460/902	Grain cleaner	477/00	Interrelated power delivery controls, including
460/903	Grain saver	455/00	engine control
460/904	Potato digger	477/90	• Control signal is vehicle weight
460/905	Straw or chaff stacker	477/901	• Control signal is slope
Books, strips	s, and leaves for manifolding	477/902	<ul> <li>Control signal is engine parameter other than manifold pressure or fuel control</li> </ul>
_	·	477/903	<ul> <li>Control signal is steering</li> </ul>
462/00	Books, strips, and leaves for manifolding	477/904	<ul> <li>Control signal is acceleration</li> </ul>
462/90	. Adhesive	477/905	Acceleration of throttle signal
462/901	Pressure sensitive	477/906	<ul> <li>Means detecting or ameliorating the effects of</li> </ul>
462/902	Camouflage or nontransfer		malfunction or potential malfunction
462/903	• Security	477/907	Redundant
Dotory choft	s, gudgeons, housings, and flexible couplings for	477/908	In series transmission
rotary shafts		Exercise dev	<u>vices</u>
464/00	Rotary shafts, gudgeons, housings, and flexible	482/00	Exercise devices
464/00	couplings for rotary shafts	482/90	Ergometer with feedback to load or with feedback
464/90 464/901	Electrically insulative member  Panid attachment or release.	400/001	comparison
464/901	Rapid attachment or release     Particular material	482/901	having computer circuitry
464/902 464/903	Nonmetal	482/902	Employing specific graphic or video display  Living a last an arm of force and interest.
404/903	• • Nonnetar	482/903	. Utilizing electromagnetic force resistance

CPC - 2024.05 51 Exercise devices Y10S

Removably attached to wheelchair, home furnishing, or home structure	with window
482/905   Arm wrestling	with window
482/906   Utilizing opponent supplied resistance   493/944   Aperture card or display device of the supplied resistance   493/945   Coin holder   482/909   Mechanical indicator   493/946   Phonograph record jacket   482/909   Mechanical indicator   493/947   File folder   193/947   File folder   193/948   Electrical insulation   493/949   Electrical insulation   193/949   Electrical insulation   193/949   Electrical insulation   193/955   Lamp shade   193/955   Lamp shade   193/955   Electrical insulation   1	
A82/907   Stretching	
A82/908	ant, e.g. christmas
Mechanical indicator   493/947   File folder	ant, e.g. christmas
Portable exercise device with carrying handle, case, or cabinet	ant, e.g. christmas
Tool changing	ant, e.g. christmas
Asy	ant, e.g. christmas
Again	ant, e.g. christmas
483/90 Tool changing 493/952 . Photo corner mount 483/90 . Gripping portion engages tool simultanous with tool rotating in spindle 493/953 . Stencil or outline guide 483/901 . Robot end effectors 493/955 . Decoration article tree  Manufacturing container or tube from paper; or other manufacturing from a sheet or web 493/958 . Garland 493/00	ant, e.g. christmas
483/90 . Gripping portion engages tool simultanous with tool rotating in spindle 483/901 . Robot end effectors 483/902 . Tool grippers 483/902 . Tool grippers 483/903 . Look end effectors 493/955 . Decoration article 493/956 . having appearance of living plutree  Manufacturing container or tube from paper; or other manufacturing from a sheet or web 493/958 . Garland 493/960 Manufacturing from a sheet or web 493/961 . Rigid container 493/901 . Rigid container 493/902 . Dished 493/902 . Dished 493/903 . Insulated thermally 493/903 . Insulated thermally 493/904 . Cushioned 493/905 . having window 493/906 . having multilayer wall 493/906 . having multilayer wall 493/907 Lined 493/908 Covered 493/909 . having handle or suspension means 493/909 . having internal partition 493/911 Flip-top 493/912 . having internal partition 493/913 Egg container 493/914 . Eyeglass container 493/915 . Match container 493/916 . Pliable container 493/917 . Envelope 493/918 Expandable 493/919 . having window 493/919 . having window 493/919 . having window 493/919 . having internal partition 493/919 . having internal partition 493/919 . having internal partition 493/910 . Envelope 493/910 . Compositions: ceramic 501/90 . Optical glass, e.g. silent on refract ABBE number	ant, e.g. christmas
rotating in spindle  483/901	ant, e.g. christmas
Robot end effectors	ant, e.g. christmas
Manufacturing container or tube from paper; or other manufacturing from a sheet or web   493/958   . Festoon	ant, e.g. christmas
treeManufacturing container or tube from paper; or other manufacturing from a sheet or web493/957. Festoon493/00Manufacturing container or tube from paper; or other manufacturing from a sheet or web493/959. Toy or amusement article493/901. Rigid container493/96. Toilet article493/902. Dished493/962. Closure, e.g. tie string, valve493/903. Insulated thermally493/963. Opener, e.g. tear strip493/904. Cushioned493/964. Pallet493/905. having window493/966. Honeycomb structure493/906. having multilayer wall493/966. Honeycomb structure493/907 Lined493/967. Dunnage, wadding, stuffing, or fr493/908 Covered493/968. Structural shape493/911 Flip-top494/00Imperforate bowl: centrifugal separators493/912. having internal partition494/90. involving mixture containing one493/913 Egg container494/90. involving mixture containing one493/914	ant, e.g. christmas
Manufacturing container or tube from paper; or other manufacturing from a sheet or web       493/958       . Garland         493/00       Manufacturing container or tube from paper; or other manufacturing from a sheet or web       493/959       . Toy or amusement article         493/901       Rigid container       493/96       . Toilet article         493/902       . Dished       493/961       . Tag, marker, or label         493/903       . Insulated thermally       493/963       . Opener, e.g. tie string, valve         493/904       . Cushioned       493/964       . Pallet         493/905       . having window       493/965       . Flat or "boat", e.g. for candy, or lays and the partition       493/966       . Honeycomb structure         493/907       . Lined       493/966       . Honeycomb structure       493/968       . Structural shape         493/909       . having handle or suspension means       Imperforate bowl: centrifugal separators         493/911       . Flip-top       494/00       Imperforate bowl: centrifugal separators         493/912       . having internal partition       494/90       involving mixture containing one approximate to a partition         493/915       . Match container       Compositions: ceramic         493/916       . Pliable container       Compositions: ceramic <tr< td=""><td></td></tr<>	
manufacturing from a sheet or web493/958. Garland493/00Manufacturing container or tube from paper; or other manufacturing from a sheet or web493/96. Toy or amusement article493/901. Rigid container493/961. Tag, marker, or label493/902. Dished493/962. Closure, e.g. tie string, valve493/903. Insulated thermally493/963. Opener, e.g. tear strip493/904. Cushioned493/964. Pallet493/905. having window493/965. Flat or "boat", e.g. for candy, e.g. for can	
493/00 Manufacturing container or tube from paper; or other manufacturing from a sheet or web  493/901 Rigid container  493/902 Dished  493/903 Dished  493/903 Depen; e.g. tie string, valve  493/904 Cushioned  493/905 Pallet  493/906 Pallet  493/906 Depen; e.g. for candy, or allet  493/907 Depen; e.g. for candy, or allet  493/908 Covered  493/908 Depen; e.g. for candy, or allet  493/909 Pallet  493/909 Depen; e.g. for candy, or allet  493/909 Depen; e.g. for candy, or allet  493/906 Depen; e.g. for candy, or allet  493/907 Depen; e.g. for candy, or allet  493/908 Depen; e.g. for candy, or allet  493/968 Depen; e.g. tie string, valve  493/968 Depen; e.g.	
other manufacturing from a sheet or web  493/901	
493/901 Rigid container 493/902 Dished 493/903 Dished 493/903 Dished 493/904 Dished 493/905 Dished 493/905 Dependent of the string window 493/906 Dependent of the string window 493/907 Dependent of the string window 493/908 Dependent of the string wind	
493/902 . Dished 493/903 . Insulated thermally 493/904 . Cushioned 493/905 . having window 493/906 . having multilayer wall 493/907 . Lined 493/908 . Covered 493/908 . Covered 493/909 . having handle or suspension means 493/91 . Flip-top 493/91 . Flip-top 493/91 . Flip-top 493/91 . Egg container 493/91 . Eyeglass container 493/91 . Dunnage, wadding, stuffing, or find the submitted bowl: centrifugal separators  Imperforate bowl: centrifugal separators  Imperforate bowl: centrifugal separators  Imperforate bowl: centrifugal separators  Imperforate bowl: centrifugal separators  Compositions: ceramic  Compositions: ceramic  Envelope  493/910 . Optical glass, e.g. silent on refract ABBE number	
493/903 . Insulated thermally 493/904 . Cushioned 493/905 . having window 493/906 . having multilayer wall 493/906 . having multilayer wall 493/907 . Lined 493/908 . Covered 493/909 . having handle or suspension means 493/91 . Cigarette container 493/91 . Flip-top 493/912 . having internal partition 493/913 . Egg container 493/914 . Eyeglass container 493/915 . Match container 493/916 . Pallet 493/968 . Flat or "boat", e.g. for candy, or deposition, e.g. for candy, or deposition in the structure 493/968 . Structural shape 493/968 . Structural shape 493/910 . involving mixture containing one 493/911 . Flip-top 494/90 . involving mixture containing one 493/913 . Egg container 494/901 . involving mixture containing oil 493/915 . Match container 493/916 . Pliable container 493/917 . Envelope 493/918 . Expandable 493/919 . having window 493/910 . Optical glass, e.g. silent on refract 493/919 . having window  493/910 . Optical glass, e.g. silent on refract ABBE number	
493/904 . Cushioned 493/964 . Pallet 493/905 . having window 493/965 . Flat or "boat", e.g. for candy, or 493/906 . having multilayer wall 493/966 . Honeycomb structure 493/907 Lined 493/967 . Dunnage, wadding, stuffing, or for 493/908 Covered 493/968 . Structural shape 493/909 . having handle or suspension means 493/91 Cigarette container 493/911 Flip-top 494/00 Imperforate bowl: centrifugal separators 493/912 . having internal partition 494/90 . involving mixture containing one 493/913 Egg container 494/901 . involving mixture containing oil 493/914 . Eyeglass container 494/902 . involving the use of mercury 493/915 . Match container 493/916 . Pliable container 493/917 . Envelope 501/00 Compositions: ceramic 493/918 Expandable 501/90 . Optical glass, e.g. silent on refract ABBE number	
493/905 . having window 493/906 . having multilayer wall 493/907 Lined 493/908 Covered 493/909 . having handle or suspension means 493/91 Cigarette container 493/91 Flip-top 493/91 Flip-top 493/91 Egg container 493/913 Egg container 493/914 Eyeglass container 493/915 . Match container 493/916 . Pliable container 493/917 . Envelope 493/918 Expandable 493/919 having window 493/919 having window 493/919 Expandable 493/919 having window 493/919 Expandable 493/919 having window 493/919 having window 493/919 Expandable 493/919 having window	
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493/907 Lined 493/908 Covered 493/909 having handle or suspension means 493/91 Cigarette container 493/91 Flip-top 493/91 Flip-top 493/91 Egg container 493/913 Egg container 493/914 Eyeglass container 493/915 Match container 493/916 . Pliable container 493/917 Envelope 493/918 Expandable 493/919 having window 493/919 having window 493/919 Expandable 493/919 Lined 493/967 . Dunnage, wadding, stuffing, or find the stuffing of the state of find the stuffing of the state of find the stuffing of the state of find the state	Tackers
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493/909 . having handle or suspension means 493/91 . Cigarette container 493/911 Flip-top 493/912 . having internal partition 493/913 Egg container 493/914 . Eyeglass container 493/915 . Match container 493/916 . Pliable container 493/917 . Envelope 493/918 Expandable 493/919 having window  493/919 having window  493/919 having window  494/90 . involving mixture containing one 494/901 . involving mixture containing oil 494/902 . involving the use of mercury 494/905 . involving the use of mercury 493/916	ining exectsion
493/91 . Cigarette container  493/911 . Flip-top  494/00 Imperforate bowl: centrifugal separators  493/912 . having internal partition  494/90 . involving mixture containing one 493/913 . Egg container  494/901 . involving mixture containing oil 493/914 . Eyeglass container  494/902 . involving the use of mercury  493/915 . Match container  493/916 . Pliable container  493/917 . Envelope  493/918 . Expandable  493/919 . having window  501/00 Compositions: ceramic  501/90 . Optical glass, e.g. silent on refract ABBE number	
493/911 Flip-top 493/912 having internal partition 493/913 Egg container 493/914 Eyeglass container 493/915 Match container 493/916 . Pliable container 493/917 Envelope 493/918 Expandable 493/919 having window 493/919 having window  494/00 . involving mixture containing oil 494/902 . involving the use of mercury 493/915 . Compositions: ceramic  Compositions: ceramic 501/00 Compositions: ceramic 501/90 . Optical glass, e.g. silent on refract ABBE number	
493/912 . having internal partition 493/913 Egg container 493/914 . Eyeglass container 493/915 . Match container 493/916 . Pliable container 493/917 . Envelope 493/918 Expandable 493/919 having window  494/901 . involving mixture containing one 494/902 . involving the use of mercury  Compositions: ceramic  501/00 Compositions: ceramic  501/90 . Optical glass, e.g. silent on refract ABBE number	nomotoma
493/913 Egg container 494/901 . involving mixture containing oil 493/914 Eyeglass container 493/915 Match container 493/916 . Pliable container 493/917 Envelope 493/918 Expandable 493/919 having window  493/919 having window  494/901 . involving mixture containing oil 494/902 . involving the use of mercury  Compositions: ceramic 501/00 Compositions: ceramic 501/90 . Optical glass, e.g. silent on refract ABBE number	
493/914 . Eyeglass container 493/915 . Match container 493/916 . Pliable container  493/917 . Envelope 493/918 Expandable 493/919 having window  493/919 having window  493/92 . involving the use of mercury  Compositions: ceramic  501/00 Compositions: ceramic  501/90 . Optical glass, e.g. silent on refract ABBE number	of more gases
493/915 . Match container 493/916 . Pliable container 493/917 . Envelope 493/918 Expandable 493/919 having window  493/919 having window  493/919 having window  493/919 having window  493/919	
493/916 . Pliable container  493/917 . Envelope  493/918 Expandable  493/919 having window  493/919 having window  493/92 having window  493/92 having window  493/92	
493/917 . Envelope  493/918 . Expandable 493/919 . having window  501/00 Compositions: ceramic 501/90 . Optical glass, e.g. silent on refract ABBE number	
493/918 Expandable 501/90	
493/919 having window  ABBE number	1 1/
ADDE IMINOCI	tive index and/or
493/92 having plural compartments 501/901 having R.I. at least 1.8	
493/921 having integrally formed insert 501/902 having ABBE number at least	70
493/922 having liner 501/903 having refractive index less that	
493/923 with opening means, e.g. tear strip, valve number less than 70	in 1.0 und / IDDL
493/924 Requiring external support during filling 501/904 Infrared transmitting or absorb	oing
493/925 having mesh or window opening 501/905 Ultraviolet transmitting or absorption	
493/926 having handle or suspension means 501/906 Thorium oxide containing	
493/927 Reclosable	
493/928 with draw string <u>Catalyst, solid sorbent, or support therefor: pro</u>	duct or process of
493/929 with valve <u>making</u>	
493/93 having tear strip 502/00 Catalyst, solid sorbent, or suppor	t therefor:
493/931 having plural compartments product or process of making	
493/932 having plural openings 502/50 . Stabilized	
493/933 having multilayer wall 502/501 for multi-regenerability	
493/934 Parallelepiped or tetrahedron shape 502/502 Cystallinity	
493/935 Covering bag, e.g. garment protector 502/503 Crush strength	
493/936 Square bottom 502/504 Abrasion resistance	
493/937 • Textile 502/506 • Method of making inorganic con	
493/938 Apparel organic compound, except formic	iposition utilizing
493/939 • Apparel support acid or salt thereof	
493/94 • Bellows	

502/507	Synthetic resin, natural resin, polysaccaride, or  nolymostide	505/701	Coated or thin film device, i.e. active or passive
502/509	polypeptide  • Sulfur containing organic compound	505/702	Josephson junction present
502/508		505/703	Microelectronic device with superconducting conduction line
502/509 502/51	<ul> <li>Nitrogen containing organic compound</li> <li>Also containing hydroxyl bonded to carbon,</li> </ul>	505/704	. Wire, fiber, or cable
302/31	e.g. carboxylic acid	505/705	Magnetic coil
502/511	Two or more nitrogen atoms bonded to	505/706	•
302/311	different carbon atoms		. Contact pads or leads bonded to superconductor
502/512	Carboxylic acid or salt thereof other than formic,	505/725	<ul> <li>Process of making or treating high tc, above 30 k, superconducting shaped material, article, or device</li> </ul>
302/312	acetic, or oxalic acid	505/726	
502/513	Alcohol, phenol, or ether or metallate thereof	505/727	Measuring or testing of superconducting property
502/514	Process applicable either to preparing or to		• using magnetic field
302/314	regenerating or to rehabilitating catalyst or sorbent	505/728	• Etching
502/515	Specific contaminant removal	505/729	Growing single crystal, e.g. epitaxy, bulk
502/516	Metal contaminant removal	505/73	• • Vacuum treating or coating
502/517	Sulfur or sulfur compound removal	505/731	Sputter coating
502/518	Carbonaceous contaminant	505/732	Evaporative coating with superconducting material
502/519	Reagent grade, e.g. ultra pure	505/733	Rapid solidification, e.g. quenching, gas-
502/52	Suppressed side reactions	303/733	atomizing, melt-spinning, roller-quenching
502/521	Metal contaminant passivation	505/734	From organometallic precursors, e.g.
502/522	Radiant or wave energy activated	303/734	acetylacetonates
502/523	Miscellaneous specific techniques of general	505/735	by sol-gel process
302/323	applicability	505/736	From free metal precursors
502/524	• Spinel	505/737	From inorganic salt precursors, e.g. nitrates
502/525	Perovskite	505/738	by precipitating
502/526	Sorbent for fluid storage, other than an alloy for	505/739	Molding, coating, shaping, or casting of
202/220	hydrogen storage	303/137	superconducting material
502/52711	• Monolith of peculiar structure or physical form,	505/74	To form wire or fiber
	with specified heat exchange capability	505/741	Coating or casting onto a substrate, e.g. screen
502/52712	Plural layers on a support, each layer having a	303//11	printing, tape casting
	distinct function	505/742	Annealing
502/52713	More than two overlapping layers	505/775	• High tc, above 30 k, superconducting material
502/52714	. Specified support particles of peculiar structure or	505/776	Containing transition metal oxide with rare earth
	physical form, e.g. whiskers, fiber pieces		or alkaline earth
502/52715	. Layered deposition on support particle, i.e. on a	505/777	Lanthanum, e.g. La <sub>2</sub> CuO <sub>4</sub>
	carrier particle	505/778	Alkaline earth, i.e. Ca, Sr, Ba, Ra
502/52716	Specified shape of support particle, e.g. hollow-	505/779	Other rare earth, i.e.
	carrier particle		Sc,Y,Ce,Pr,Nd,Pm,Sm,Eu,Gd,Tb,Dy,Ho,Er,Tm,Yb,Lu
502/52717	Specified cross-section shape or area of elongated		and alkaline earth, i.e. Ca,Sr,Ba,Ra
	support particles, e.g. tape, with area of cross	505/78	• • • Yttrium and barium-, e.g. YBa2Cu307
500/50510	section stated	505/781	Noble metal, i.e. Ag, Au, Os, Ir, Pt, Ru,
502/52/18	Monolith with specified gas flow patterns, e.g. turbulent flow monolith		Rh, Pd or chromium, manganese, iron,
500/50710			cobalt or nickel
502/52/19	. Monolith with specified shape or dimension of cell	505/782	Bismuth-, e.g. BiCaSrCuO
502/5272	opening, e.g. honeycomb, rings  • Cell opening shape and dimensions are	505/783	Thallium-, e.g. Tl2CaBaCu308
302/3212	determined by the intersection of the woof and	505/784	Bismuth-, e.g. BaKBiO
	the warp of a woven structure, e.g. of a fabric or	505/785	Composition containing superconducting material
	gauze		and diverse nonsuperconducting material
502/52721	Cell openings are quadrilateral or triangular, e.g.	505/786	Manufacturing system or apparatus for making high
	pie shaped		temperature, i.e. tc greater than 30 k superconductor
502/52722	Cell openings are spiral or corrugated		product, device, article or stock, i.e. which system or apparatus does not itself contain a
	Specified external or internal shape or configuration		superconducting component
	of catalyst reactor or of sorbent converter	505/80	Material per se process of making same
502/52724	· Peculiar structure or physical form, e.g. foam,	505/801	Composition
	sponge, foil, sack, bag, fiber in a matrix, monolith,	505/801	Organic
	microstructure, microcracking, or microaggregates	505/802	Magnetic
g ·		505/804	Amorphous alloy
Superconduc	tor technology: apparatus, material, process	505/805	Alloy or metallic
505/00	Superconductor technology: apparatus, material,	505/805	Niobium base, Nb
	process	505/807	Powder
505/70	• High TC, above 30 k, superconducting device,	505/807	Liquid crystal
	article, or structured stock	505/808	Ceramic
		505/007	· · · Ceranic

54

505/81	Compound	505/861 with josephson junction
505/811	Organic	505/862 with thin film device
505/812	Stock	505/863 Stable state circuit for signal shaping,
505/813	Wire, tape, or film	converting, or generating
505/814	Treated metal	505/864 with josephson junction
505/815	Process of making per se	505/865 with josephson junction
505/816	Sputtering, including coating, forming, or	505/866 Wave transmission line, network, waveguide, or
	etching	microwave storage device
505/817	forming josephson element	505/867 . Electric power conversion system
505/818	Coating	505/868 Current conversion
505/819	Vapor deposition	505/869 • Power supply, regulation, or energy storage
505/82	And etching	system
505/821	Wire	505/87 including transformer or inductor
505/822	Shaping	505/871 Magnetic lens
505/823	Powder metallurgy	505/872 Magnetic field shield
505/824	Battery, thermo or photo-electric	505/873 . Active solid-state device
505/825	• Apparatus <u>per se</u> , device <u>per se</u> , or process of	505/874 with josephson junction, e.g. squid
303/023	making or operating same	505/875 Combined with housing and cryogenic fluid
505/826	Coating	cooling
505/827	Code converter	505/876 Electrical generator or motor structure
505/828	Modulator, demodulator, or detector	505/877 Rotary dynamoelectric type
505/829	Electrical computer or data processing system	505/878 with cooling
505/83	Electrical computer of data processing system     Electrical pulse counter, pulse divider, or shift	505/879 Magnet or electromagnet
303/83	register	505/88 . Inductor
505/831	Static information storage system or device	505/881 . Resistance device responsive to magnetic field
505/832		505/882 • Circuit maker or breaker
	Josephson junction type	505/883 • Housing and mounting assembly with plural
505/833	Thin film type	diverse electrical components
505/834	Plural, e.g. memory matrix	505/884 Conductor
505/835	Content addressed, i.e. associative memory	505/885 Cooling, or feeding, circulating, or distributing
E05/926	type	fluid; in superconductive apparatus
505/836	Location addressed, i.e. word organized	505/886 Cable
505/027	memory type	505/887 Conductor structure
505/837	Random access, i.e. bit organized memory	
E0E/929	type	5
505/838	Plural, e.g. memory matrix	505/889 Utilizing rare earth material
505/839	Content addressed, i.e. associative memory	505/89 Heat pipe device
505/84	type Location addressed, i.e. word organized	505/891 Magnetic or electrical effect cooling
303/64	memory type	505/892 Magnetic device cooling
505/841		505/893 Spectrometer
303/641	Random access, i.e. bit organized memory type	505/894 Cyclic cryogenic system, e.g. sterling, gifford-
505/842	Measuring and testing	mcmahon
505/843	Electrical	505/895 with regenerative heat exchanger
505/844	Nuclear magnetic resonance, NMR, system	505/896 Special refrigerant compound
303/644	or device	505/897 Cryogenic media transfer
505/845	Magnetometer	505/898 Cryogenic envelope
505/846	using superconductive quantum	505/899 Method of cooling
303/840	interference device, i.e. squid	505/90 Heat exchange
505/847	Thermal	505/901 Heat pipe
505/848	Radiant energy application	505/902 . Railway, e.g. rapid transit
505/849	Infrared responsive electric signaling	505/903 Suspension, e.g. magnetic, electrodynamic
505/85	Protective circuit	505/904 Guidance means, i.e. in addition to the track
		505/905 Motor structure
505/851	Control circuit for electromagnetic device  Electric meter central	505/906 Switching device, i.e. electrical not railway
505/852	. Electric motor control	stock diverting
505/853	. Oscillator	505/907 Support structure
505/854	• • with solid-state active element	505/908 Method of operation
505/855	Amplifier	505/909 Power plant
505/856	. Electrical transmission or interconnection system	505/91 Pump
505/857	Nonlinear solid-state device system or circuit	505/911 Fluid reaction surface, i.e. impeller
505/858	Digital logic	505/912 Metal founding
505/859	• • • • Function of and, or, nand, nor or not	505/913 Casting process
505/86	Gating, i.e. switching circuit	505/914 using magnetic or electric field

505/015	Marie de la companya del companya de la companya del companya de la companya de l	516/01	W 1 'C ' 1' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
505/915	Making composite product	516/01	• Wetting, emulsifying, dispersing, or stabilizing
505/916	Continuous casting	516/00	agents
505/917	Mechanically manufacturing superconductor	516/02	. Organic and inorganic agents containing, except
505/918	with metallurgical heat treating	F1C/02	water
505/919	Reactive formation of superconducting	516/03	Organic sulfoxy compound containing
-0 (0- <b>0</b>	intermetallic compound	516/04	• • Protein or carboxylic compound containing
505/92	Utilizing diffusion barrier	516/05	Organic amine, amide, or n-base containing
505/921	Metal working prior to treating	516/06	. Protein or carboxylic compound containing
505/922	Making josephson junction device	516/07	Organic amine, amide, or n-base containing
505/923	Making device having semiconductive	516/90	• Liquid crystal material of, or for, colloid system,
	component, e.g. integrated circuit	F1 < 1001	e.g. g phase
505/924	Making superconductive magnet or coil	516/901	• Substantially pure carbon, e.g. graphite, lamp black,
505/925	Making superconductive joint	516/000	carbon black, fullerenes
505/926	Mechanically joining superconductive	516/902	Gelled emulsion
505/027	members	516/903	Two or more gellants
505/927	Metallurgically bonding superconductive	516/904	• Fermentation foam breaking or inhibiting
505/020	members	516/905	<ul> <li>Agent composition <u>per se</u> for colloid system making or stabilizing, e.g. foaming, emulsifying, dispersing,</li> </ul>
505/928	Metal deforming		or gelling
505/929 505/93	by extruding	516/906	The agent contains organic compound containing
	by drawing	310/700	silicon
505/931	<ul> <li>Classifying, separating, and assorting solids using magnetism</li> </ul>	516/907	The agent contains organic compound containing
505/932	Separating diverse particulates	213/207	phosphorus, e.g. lecithin
505/933	in liquid slurry	516/908	The compound contains repeating -OCnH2n-,
303/933	III liquid stuffy		i.e. repeating unsubstituted oxyalkylene
Earth boring	g, well treating, and oil field chemistry	516/909	The agent contains organic compound containing
			sulfoxy*
507/00	Earth boring, well treating, and oil field chemistry	516/91	The compound contains nitrogen, except if
507/901	Organically modified inorganic solid		present solely as NH4+
507/902	Controlled release agent	516/911	• • • The compound contains -S[O2]NHH where
507/903	Crosslinked resin or polymer		substitution may be made for the hydrogen
507/904	Process of making fluids or additives therefor	516/912	The compound contains -C[=O]NHH where
507/905	Nontoxic composition		substitution may be made for the hydrogen
507/906	Solid inorganic additive in defined physical form	516/913	The compound contains -C[=O]OH or salt
507/907	• Indicating means, e.g. dye, fluorescing agent		thereof
507/91	Earth boring fluid devoid of discrete aqueous phase	516/914	. The agent contains organic compound containing
507/92	. Biocidal	516/015	nitrogen, except if present solely as NH4+
507/921	• Specified breaker component for emulsion or gel	516/915	The compound contains -C[=O]NHH where
507/922	• Fracture fluid	516/916	substitution may be made for the hydrogen The compound contains repeating -OCnH2n-,
507/923	Fracture acidizing	310/910	i.e. repeating unsubstituted oxyalkylene
507/924	• • with specified propping feature	516/917	The agent contains organic compound containing
507/925	Completion or workover fluid	310/717	oxygen
507/926	• Packer fluid	516/918	The compound contains carboxylic acid ester
507/927	• Well cleaning fluid	310/310	group
507/928	Spacing slug or preflush fluid	516/919	The compound contains -C[=O]OH or salt
507/929	Cleaning organic contaminant		thereof
507/93	Organic contaminant is asphaltic	516/92	The compound contains repeating unsubstituted
507/931	Organic contaminant is paraffinic		oxyalkylene
507/932	. Cleaning sulfur deposits	516/921	<ul> <li>Colloid systems having specified high purity, e.g.</li> </ul>
507/933	Acidizing or formation destroying		ultra-pure silica
507/934	• with inhibitor	516/922	<ul> <li>Colloid systems having specified particle size,</li> </ul>
507/935	. Enhanced oil recovery		range, or distribution, e.g. bimodal particle
507/936	• • Flooding the formation		distribution
507/937	• • with emulsion	516/923	Emulsion
507/938	• • • with microemulsion	516/924	Significant dispersive or manipulative operation or
507/939	• Corrosion inhibitor	<b>.</b>	step in making or stabilizing colloid system
507/94	Freeing stuck object from wellbore	516/925	Phase inversion
Colloid systo	ms and wetting agents; subcombinations thereof;	516/926	. Phase change, e.g. melting
processes of	mo and retuing agents, subcombinations thereof,	516/927	• in situ formation of a colloid system making or
-		E1 < /030	stabilizing agent which chemical reaction
516/00	Colloid systems and wetting agents;	516/928	. Mixing combined with non-mixing operation or
	subcombinations thereof; processes of		step, successively or simultaneously, e.g. heating,
			cooling, ph change, ageing, milling

516/929	Specified combination of agitation steps, e.g.	522/914	Wavelength of 200 nanometers or less
	mixing to make subcombination composition	522/915	• involving inert gas, steam, nitrogen gas, or carbon
	followed by homogenization		dioxide
516/93	Low shear followed by high shear	Cromthatia wa	sing on notional mulhous mout of the class 520 service
516/931	High shear followed by low shear	Synthetic res	sins or natural rubbers part of the class 520 series
Synthetic res	sins or natural rubbers part of the class 520 series	524/00	Synthetic resins or natural rubbers part of the class 520 series
521/00	Synthetic resins or natural rubbers part of the	524/90	<ul> <li>Antigen-antibody</li> </ul>
	class 520 series	524/901	<ul> <li>Electrodepositable compositions</li> </ul>
521/901	Cellular polymer containing a carbodiimide	524/902	Electrostatic spray
521/002	structure	524/903	<ul> <li>Aerosol compositions</li> </ul>
521/902	Cellular polymer containing an isocyanurate structure	524/904	<ul> <li>Powder coating compositions</li> </ul>
521/903	Cellular polymer having reduced smoke or gas	524/905	Etch masking compositions
321/303	generation	524/906	. Multipackage compositions
521/904	Polyurethane cellular product having high resiliency	524/907	<ul> <li>Additive of specified shape other than fiber, particle, or powder</li> </ul>
	or cold cure property	524/908	• Composition having specified shape, e.g. rod, stick,
521/905	Hydrophilic or hydrophobic cellular product	324/700	or ball, and other than sheet, film, or fiber
521/906	Polyurethane cellular product containing unreacted	524/909	• Reverse osmosis membrane compositions, e.g.
	flame-retardant material		desalinization
521/907	Nonurethane flameproofed cellular product	524/91	Antistatic compositions
521/908	Nucleating agent for cellular product	524/911	Composition to apply to a substrate to be
521/909	Blowing-agent moderator, e.g. kickers		destaticized
521/91	. Plural blowing agents for producing	524/912	Contains metal, boron, phosphorus, or silicon
521/911	nonpolyurethane cellular products	524/913	Contains nitrogen nonreactant material
321/911	Surfactant for other than polyurethane cellular product	524/914	Floor covering compositions
521/912	Separated reactive materials utilized in preparing	524/915	Carpet backing adhesives
321/712	cellular product	524/916	Hydrogel compositions
521/913	Cell forming in absence of external heat	524/917	Oil spill recovery compositions
521/914	Polyurethane cellular product formed from a polyol	524/918	Wood patching composition     Match patching composition as a hadrocalder.
	which has been derived from at least two 1,2	524/919 524/92	<ul> <li>Metal patching composition, e.g. body solder</li> <li>Coilable pipe compositions</li> </ul>
	epoxides as reactants	524/92 524/921	Elastic memory or heat shrinkable compositions
521/915	. Utilizing electrical or wave energy during cell	524/921	Flocculating, clarifying, or fining compositions
<b>70</b> 1/01	forming process	524/923	Treating or preparing a nonaqueous dispersion
521/916	Cellular product having enhanced degradability	32 1/723	or emulsion of a solid polymer or specified
521/917	Specialized mixing apparatus utilized in cell forming process.		intermediate condensation product
521/918	forming process  Physical aftertreatment of a cellular product	524/924	Treating or preparing a nonaqueous solution
521/919	. Sintered product		of a solid polymer or specified intermediate
521/92	Cellular product containing a dye or pigment		condensation product
521/921	Preparing a nonpolyurethane cellular particle from a	524/925	Natural rubber compositions having nonreactive
	nonparticulate material		materials, i.e. NRM, other than: carbon, silicon
	•		dioxide, glass titanium dioxide, water, hydrocarbon or halohydrocarbon
Synthetic res	sins or natural rubbers part of the class 520 series	524/926	• • with water as NRM, exemplified
522/00	Synthetic resins or natural rubbers part of the	524/929	Natural rubber broadly disclosed, nonclaimed
	class 520 series		•
522/901	Dark storage stabilizer	Synthetic re	sins or natural rubbers part of the class 520 series
522/902	Air inhibition	525/00	Synthetic resins or natural rubbers part of the
522/903	. Removal of residual monomer	223/00	class 520 series
522/904	<ul> <li>Monomer or polymer contains initiating group</li> </ul>	525/901	Radial block
522/905	Benzophenone group	525/902	. Core-shell
522/906	<ul> <li>Preparing shrinkable material</li> </ul>	525/903	Interpenetrating network
522/907	<ul> <li>involving precursor of an ultraviolet absorber, e.g. monobenzoate</li> </ul>	525/904	<ul> <li>Activation of preformed polymer in absence or monomer, for subsequent polymerization thereon,</li> </ul>
522/908	• Dental utility		e.g. trapped radicals
522/909	. Solventless ink	525/905	Polyphenylene oxide
522/91	Treatment through an external filter or mask,	525/906	• Polysulfone
E00/011	nonphotograghic process	525/907	<ul> <li>Polycarbodiimide</li> </ul>
522/911	Specified treatment involving megarad or less  Polymore desired from attacked an arrangement and a second sec	525/908	<ul> <li>Polymer containing a hydantoin group</li> </ul>
522/912 522/913	Polymer derived from ethylenic monomers only  Numerically analised distinct your leasth	525/909	• Polymer having a heterocyclic ring with at least
37.7/913	<ul> <li>Numerically specified distinct wavelength</li> </ul>		three different elements within the ring

526/00

class 520 series

525/91	<ul> <li>Polymer from ethylenic monomers only, having terminal unsaturation</li> </ul>	526/901	• Monomer polymerized in vapor state in presence of transition metal containing catalyst
525/911	<ul> <li>Polymer from ethylenic monomers only, having terminal functional group other than unsaturation</li> </ul>	526/902	<ul> <li>Monomer polymerized in bulk in presence of transition metal containing catalyst</li> </ul>
525/912	Polymer from nonethylenic monomers only, having pendant unsaturated group	526/903	Monomer polymerized in presence of transition metal containing catalyst and hydrocarbon additive
525/913	Polymer from monomers only having pendant		affecting polymer properties of catalyst activity
	glycidyl group	526/904	• Monomer polymerized in presence of transition
525/914	<ul> <li>Polymer from conjugated diene hydrocarbon or halohydrocarbons having more than 50 per cent 1,2- microstructure</li> </ul>		metal containing catalyst at least part of which is supported on a polymer, e.g. prepolymerized catalysts
525/915	<ul> <li>Polymer from monoethylenic cyclic hydrocarbon</li> </ul>	526/905	Polymerization in presence of transition metal
525/916	• Polymer from ethylenic monomers only, having	526/006	containing catalyst in presence of hydrogen
505/015	cationic group	526/906	• Comminution of transition metal containing catalyst
525/917	<ul> <li>Polymer from at least one nonethylenic monomer having cationic group</li> </ul>	526/907	<ul> <li>Specified means of reacting components of transition metal catalyst</li> </ul>
525/918	Polymer prepared by cationic polymerization	526/908	Containing catalyst of specified particle size
525/918	Forymer prepared by Catholic porymerization     Ionomer resins, carboxylate salt-containing	526/909	Polymerization characterized by particle size of
	copolymers		product
525/92	Polyurethane having terminal ethylenic unsaturation	526/91	Suspending agents
525/921	Polyester having terminal ethylenic unsaturation	526/911	Emulsifying agents
525/022	other than polyesterurethanes	526/912	Reaction medium purification
525/922	<ul> <li>Polyepoxide polymer having been reacted to yield terminal ethylenic unsaturation</li> </ul>	526/913	• Vapor phase polymerization in absence of transition metal containing catalyst
525/923	<ul> <li>Aminoplast having terminal ethylenic unsaturation</li> </ul>	526/914	Polymer degradation
525/924	<ul> <li>Phenoplast having terminal ethylenic unsaturation</li> </ul>	526/915	• Redox catalyst
525/925	Polymer from at least one nonethylenic monomer	526/916	Interpolymer from at least three ethylenically
	having terminal ethylenic unsaturation other		unsaturated monoolefinic hydrocarbon monomers
	than polyurethanes, polyesters, polyepoxides, aminoplasts, and phenoplasts	526/917	<ul> <li>Manipulative processes involving a sulfur- containing treating agent</li> </ul>
525/926	<ul> <li>Polyamide containing a plurality of oxyalkylene groups</li> </ul>	526/918	<ul> <li>Polymerization reactors for addition polymer preparation</li> </ul>
525/927	<ul> <li>Polyamide admixed with oxyalkylene-containing polymer</li> </ul>	526/919	<ul> <li>Catalyst injection technique in addition polymerization processes</li> </ul>
525/928	<ul> <li>Polyimide or polyamide-acid formed by</li> </ul>	526/92	Apparatus for use in addition polymerization
	condensation of a polyamine with a polycarboxylic		processes
	acid having at least three carboxyl groups or derivatives thereof	526/921	<ul> <li>Time cycle used in addition polymerization process control</li> </ul>
525/929	<ul> <li>Polyimide formed by addition of polyamine to an unsaturated bis-imide</li> </ul>	526/922	<ul> <li>Polymerization process of ethylenic monomers using manipulative technique</li> </ul>
525/93	<ul> <li>Reaction product of a polyhydric phenol and</li> </ul>	526/923	Ethylenic monomers containing at least one salt
	epichlorohydrin or diepoxide, having a molecular		group
	weight of over 5,000, e.g. phenoxy resins	526/93	Water swellable or hydrophilic
525/931	Blend of stated incompatibility	526/931	<ul> <li>Pressure sensitive adhesive</li> </ul>
525/932	<ul> <li>Blend of matched optical properties</li> </ul>	526/932	Thickener or dispersant for aqueous system
525/933	Blend of limited gas permeability	526/933	<ul> <li>Detergent property or lubricant additive</li> </ul>
525/934	<ul> <li>Powdered coating composition</li> </ul>	526/934	• Electrodeposit, e.g. electrophoretic, xerographic
525/935	Matrix admixed with synthetic fiber	526/935	Hot melt adhesive
525/936	Encapsulated chemical agent	526/936	<ul> <li>Physiological use, e.g. pharmaceutical, veterinary,</li> </ul>
525/937	• Utility as body contact e.g. implant, contact lens or I.U.D.	526/937	dental  Optical clarity
525/938	Polymer degradation	526/938	• Rubbery property
525/939	<ul> <li>Multipackage system</li> </ul>	526/939	Mositure proof or hydrophobic
525/94	<ul> <li>Hydrogenation of a polymer</li> </ul>	526/94	• High softening temperature, e.g. exposure to boiling
525/941	<ul> <li>Polymer mixture containing block copolymer is mixed or reacted with chemical treating agent</li> </ul>		water, boilable
525/942	Polymer derived from nitrile, conjugated diene and	526/941	having the transition metal bonded directly to
323,772	aromatic co-monomers	526/942	carbon  Polymerization in the presence of a liquid co2
Synthetic re	sins or natural rubbers part of the class 520 series	526/943	diluent  Polymerization with metallocene catalysts
<b>53</b> (100			

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Synthetic resins or natural rubbers -- part of the

. Proteins from mammals or birds

530/827

Synthetic re	sins or natural rubbers part of the class 520 series	530/828	Cancer
528/00	Complete assists on notional multiple and of the	530/829	Blood
528/00	Synthetic resins or natural rubbers part of the class 520 series	530/83	Plasma; serum
529/001		530/831	Cohn fractions
528/901	Room temperature curable silicon-containing polymer	530/832	Milk; colostrum
528/902	Particulate material prepared from an isocyanate	530/833	Whey; cheese
		530/834	Urine; urinary system
528/903	<ul> <li>Polymerizing or processing an isocyanate under substantially anhydrous conditions</li> </ul>	530/835	Kidney
528/904	Isocyanate polymer having stated hydrophilic or	530/836	Mucus; mucous glands; bursa; arthral fluid; spinal
320/304	hydrophobic property		fluid
528/905	Polymer prepared from isocyanate reactant has	530/837	Lymph; lymph-glands; thymus
320/703	adhesive property	530/838	Marrow; spleen
528/906	Fiber or elastomer prepared from an isocyanate	530/839	Nerves; brain
220,700	reactant	530/84	Bones; tendons; teeth; cartilage
528/92	• Polymers useful for replacing hard animal tissues,	530/841	Muscles; heart
	e.g. dentures, bones	530/842	Skin; hair; nails; sebaceous glands; cerumen
528/93	Guayule rubber	530/843	Digestive system
528/931	Physical treatment of natural rubber or natural	530/844	Stomach; intestine
	rubber containing material or chemical treatment of	530/845	Pancreas
	non-rubber portion thereof, e.g. extraction of rubber	530/846	Liver
	from milk weed	530/847	Bile
528/932	Protein removal or conversion	530/848	Lungs
528/933	Resin removal or conversion	530/849	Eyes; vessels; umbilical cord
528/934	Latex	530/85	Reproductive organs or embryos
528/935	Preserving or stabilizing	530/851	Placenta; amniotic fluid
528/936	Coagulating	530/852	Sperm
528/937	Concentrating, e.g. creaming	530/853	Ovary; eggs; embryos
		530/854	Glands
	natural resins or derivatives; peptides or proteins;	530/855	<ul> <li>Proteins from animals other than mammals or birds</li> </ul>
lignins or re	action products thereof	530/856	Snakes; venom
530/00	Chemistry: natural resins or derivatives; peptides	530/857	Fish; fish eggs; shell fish; crustacea
	or proteins; lignins or reaction products thereof	530/858	insects; venom
530/80	Antihypertensive peptides	530/859	• Waste, waste material, refuse or sludge, e.g.
530/801	Peptide sweetners		effluents, fecal matter
530/802	Chromogenic or luminescent peptides	530/86	Renin inhibitors
530/806	Antigenic peptides or proteins	530/861	<ul> <li>involving IgG3, IgG4, IgA, or IgY</li> </ul>
530/807	<ul> <li>Hapten conjugated with peptide or protein</li> </ul>	530/862	• involving IgE or IgD
530/808	Materials and products related to genetic	530/863	• involving IgM
	engineering or hybrid or fused cell technology, e.g.	530/864	Monoclonal
	hybridoma, monoclonal products	530/865	Human
530/809	• • Fused cells, e.g. hybridoma	530/866	<ul> <li>involving immunoglobulin or antibody fragment,</li> </ul>
530/81	<ul> <li>Carrier - bound or immobilized peptides or proteins</li> </ul>		e.g. fab', fab, fv, fc, heavy chain or light chain
	and the preparation thereof, e.g. biological cell or	530/867	. involving immunoglobulin or antibody produced via
	cell fragment as carrier		recombinant dna technology
530/811	• Peptides or proteins is immobilized on, or in, an	530/868	<ul> <li>involving autoimmunity, allergy, immediate</li> </ul>
	inorganic carrier		hypersensitivity, delayed hypersensitivity,
530/812	Peptides or proteins is immobilized on, or in, an		immunosuppression, or immunotolerance
500/010	organic carrier		
530/813	Carrier is a saccharide	Organic con	npounds part of the class 532-570 series
530/814	Cellulose or derivatives thereof	534/00	Organic compounds part of the class 532-570
530/815	Carrier is a synthetic polymer		series
530/816	Attached to the carrier via a bridging agent	534/01	<ul> <li>Mixtures of azo compounds</li> </ul>
530/817	• • • Entrapped within the carrier, e.g. gel, hollow fibre	534/02	<ul> <li>Azo compounds containing chains of eight or more carbon atoms not provided for elsewhere in this</li> </ul>
530/82	Proteins from microorganisms		class
530/821	Separation of nucleic acid	534/03	. Polymeric azo compounds or azo compounds
530/822	Protozoa		containing polymeric moieties
530/823	Lower fungi, e.g. mold	534/04	<ul> <li>Azo compounds which are lakes</li> </ul>
530/824	Yeasts	534/05	. Azo compounds having utility other than as dyes
530/825	Bacteria	534/06	. Azo compounds containing -N[O]-N=, -N=S, or -
530/826	Viruses		SO <sub>2</sub> N <sub>3</sub> groups
530/827	<ul> <li>Proteins from mammals or birds</li> </ul>		

	product as the coupling component	588/00 Hazardous or toxic waste destruction or
534/10	groups  Azo compounds containing formaldehyde reaction	Hazardous or toxic waste destruction or containment
534/09	Azo compounds containing ternary sulfonium	procedures in alicyclic synthesis and purification
	compounds	585/956 Condition-responsive control and related
534/08	<ul> <li>Elimination of groups during the preparation of azo</li> </ul>	585/955 Specified mixing procedure
534/07	• Automatic and/or continuous temperature control in the preparation of azo compounds	<ul><li>585/953 . Pulsed, sonic, or plasma process</li><li>585/954 . Exploiting mass-action phenomenon</li></ul>

### <u>C</u>

585/951

585/952

deposits

. . Reaction start-up procedure

. . Reaction stopping or retarding

	product as the coupling component	588/00	Hazardous or toxic waste destruction or
Chemistry of	f hydrocarbon compounds		containment
<b>-0-400</b>		588/90	<ul> <li>Apparatus</li> </ul>
585/00	Chemistry of hydrocarbon compounds	588/901	<ul> <li>Compositions</li> </ul>
585/8995	Catalyst and recycle considerations	G	
585/90	Rehabilitation of H acceptor	<u>Surgery</u>	
585/901	• with recycle, rehabilitation, or preservation of	600/00	Surgery
	solvent, diluent, or mass action agent	600/92	Method of making endoscopes
585/902	Recycle of solvent and catalyst	600/921	Manipulating image characteristics
585/903	with hydrocarbon recycle to control synthesis		
<b>505</b> (004	reaction, e.g. by cooling, quenching	Surgery: kir	<u>nesitherapy</u>
585/904	Catalyst rehabilitation by reversion from different	<b>CO1/OO</b>	C
505/005	compound	601/00	Surgery: kinesitherapy
585/905	by-product conversion to feed	601/01	• with thermal application
585/906	• Catalyst preservation or manufacture, e.g.	601/02	• with fluid supply
505/000	activation before use	601/03	with electrical application
585/909	. Heat considerations	601/04	with magnetic application
585/91	• Exploiting or conserving heat of quenching,	601/05	• with light application
E0E/011	reaction, or regeneration	601/06	• Artificial respiration conforming to shape of torso
585/911	<ul> <li>introducing, maintaining, or removing heat by atypical procedure</li> </ul>	601/07	Inflatable
E9E/012	Molten material	601/08	Artificial respiration with computer control
585/912	Electric	601/09	including biological sensors
585/913		601/10	Artificial respiration combined with non-artificial
585/914	• • Phase change, e.g. evaporation		respiration therapy
585/919	• Apparatus considerations	601/11	<ul> <li>Artificial respiration using vibration frequency</li> </ul>
585/92	using apparatus of recited composition	601/12	Vibrator with computer control
585/921	using recited apparatus structure	601/13	<ul> <li>including biological sensor</li> </ul>
585/922	Reactor fluid manipulating device	601/14	<ul> <li>Vibrator applied to specific external body area</li> </ul>
585/923	At reactor inlet	601/15	Head, face, neck, scalp
585/924	Reactor shape or disposition	601/16	Genital area
585/925	Dimension or proportion	601/17	Foot
585/926	Plurality or verticality	601/18	<ul> <li>Device with appplicator having specific movement</li> </ul>
585/929	Special chemical considerations		controlled by computer
585/93	• Process including synthesis of nonhydrocarbon	601/19	<ul> <li>including biological sensor</li> </ul>
	intermediate	601/20	<ul> <li>Flexible membrane caused to be moved</li> </ul>
585/931	Metal-, Si-, B-, or P-containing, e.g. Grignard	601/21	<ul> <li>Kinesitherapy with computer control</li> </ul>
585/932	Carboxyl-containing, e.g. acid	601/22	<ul> <li>Applicator having computer motion control</li> </ul>
585/933	N-containing	601/23	<ul> <li>including biological sensors</li> </ul>
585/934	Chalcogen-containing		
585/935	Halogen-containing	Surgery: spl	<u>lint, brace, or bandage</u>
585/94	Opening of hydrocarbon ring	602/00	Surgery: splint, brace, or bandage
585/941	Isotope exchange process	602/90	Method of making bandage structure
585/942	Production of carbonium ion or hydrocarbon free-	602/901	Tubular bandage applicators
	radical	602/902	Antisnoring or mouth closing devices
585/943	Synthesis from methane or inorganic carbon	602/903	• Surgical tape
	source, e.g. coal	602/904	Film-forming bandage material
585/944	. Radiation-resistant composition		
585/945	. Product is drying oil	Surgery	
585/946	Product is waxy polymer		Commence
585/947	Terpene manufacture or recovery	604/00	Surgery
585/949	Miscellaneous considerations	604/90	Telltale showing entry of blood into body inserted and vit
585/95	<ul> <li>Prevention or removal of corrosion or solid</li> </ul>		conduit

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604/901

604/902

604/903

. Injection device with thermometer

. Medical container with material agitation means

. Suction wands

Surgery Y10S

Burgery			1105
604/904	. Tampons	623/92	Method or apparatus for preparing or treating
604/905	<ul> <li>Aseptic connectors or couplings, e.g. frangible,</li> </ul>	023/92	prosthetic
004/703	piercable	623/921	Blood vessel
604/906	Artificial insemination	623/922	Heart
		623/923	Bone
<b>Surgery</b>		623/924	Material characteristic
606/00	Company	623/925	. Natural
606/90	Surgery  Lumbar stabilizer	623/926	Synthetic
606/901	Thoracic stabilizer		
606/901	Cortical plate specifically adapted for a particular	Data proces	sing: generic control systems or specific applications
000/902	bone	700/00	Data processing: generic control systems or
606/903	Cranial and facial plate	700/00	specific applications
606/904	Jaw plate	700/90	Special robot structural element
606/905	Rib or sternum plate	, 00, 70	v special recoveration element
606/906	Small bone plate	Data proces	sing: financial, business practice, management, or
606/907	Composed of particular material or coated	cost/price de	<u>etermination</u>
606/908	Bioabsorbable material	705/00	Data processing: financial, business practice,
606/909	Bone	705/00	management, or cost/price determination
606/91	Polymer	705/901	• Digital rights management
606/911	Memory material	705/902	Licensing digital content
606/912	Radiolucent material	705/903	Adding plural layer of rights or limitations by
606/913	Monolithic		other than the original producer
606/914	Toolkit for installing or removing spinal positioner	705/904	Usage protection of distributed files
	or stabilizer	705/905	Hardware usage protection
606/915	<ul> <li>Toolkit for installing or removing cortical plate</li> </ul>	705/906	Requiring a supplemental attachment or input,
606/916	<ul> <li>Tool for installing or removing orthopedic fastener</li> </ul>		e.g. Dongle, to open
a		705/907	Specific computer id, e.g. serial number,
Surgery: lig	ht, thermal, and electrical application		configuration
607/00	Surgery: light, thermal, and electrical application	705/908	Software or content usage protection
607/90	Substance abuse therapy	705/909	Usage charge determination
607/901	Cancer detection	705/91	including third party for collecting or
607/902	Fetal monitoring other than heart rate	505/011	distributing payment, e.g. Clearing house
		705/911	Copy protection or prevention
	e. artificial body members, parts thereof, or aids and	705/912	having origin or program id
accessories t	<u>cherefor</u>	Data proces	sing: artificial intelligence
623/00	Prosthesis, i.e. artificial body members, parts	706/00	Data processings artificial intelligence
	thereof, or aids and accessories therefor	70 <b>6</b> /90	Data processing: artificial intelligence  Fuzzy logic
623/90	Stent for heart valve	706/902	<ul> <li>Application using ai with detail of the ai system</li> </ul>
623/901	Method of manufacturing prosthetic device	706/902	Application using at with detail of the at system     Control
623/902	Method of implanting	706/903	Manufacturing or machine, e.g. agricultural
623/903	Blood vessel	700/704	machinery, machine tool
623/904	Heart	706/905	Vehicle or aerospace
623/905	Eye	706/906	Process plant
623/906	Corneal	706/907	Power plant
623/907	Method of manipulating parts of intraocular	706/908	Electronic or computer, internal or network,
623/908	lens structure for implantation  . Bone		circuit
623/908	<ul> <li>Method or apparatus for assembling prosthetic</li> </ul>	706/909	Communication
623/91	Heart	706/91	Elevator
623/911	. Bone	706/911	Nonmedical diagnostics
623/912	Method or apparatus for measuring or testing	706/912	Manufacturing or machine, e.g. agricultural
023/712	prosthetic		machinery, machine tool
623/913	Heart	706/913	Vehicle or aerospace
623/914	. Bone	706/914	Process plant
623/915	Method or apparatus for preparing biological	706/915	Power plant
3_2,710	material	706/916	Electronic or computer, internal or network,
623/916	Blood vessel		circuit
623/917	Collagen	706/917	Communication
623/918	. Heart	706/918	Elevator

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623/918

623/919

. . Heart

. . Bone

706/919

706/92

. . . Simulation

. . Designing, planning, programming, CAD, CASE

707/953

• Organization of data

706/921	Layout, e.g. circuit, construction	707/954	Relational
706/922	Computer program preparation	707/955	Object-oriented
706/923	Construction	707/956	Hierarchical
706/924	Medical	707/957	Multidimensional
706/925	Business	707/958	Data cubes
706/926	Time management	707/959	Network
706/927	Education or instruction	707/96	Object-relational
706/928	Earth science	707/961	Associative
706/929	Geological, e.g. seismology	707/962	Entity-attribute-value
706/93	Environment	707/963	Hybrid
706/931	Weather	707/964	Database arrangement
706/932	Mathematics, science, or engineering	707/965	Standalone
706/933	Law, law enforcement, or government	707/966	Distributed
706/934	Information retrieval or Information management	707/967	Peer-to-peer
		707/968	Partitioning
Data process	sing: database and file management or data	707/969	Horizontal partitioning
<u>structures</u>		707/97	Vertical partitioning
707/00	Data processing: database and file management or	707/971	Federated
. 0., 00	data structures	707/972	Partitioning
707/912	Applications of a database	707/973	Horizontal partitioning
707/913	Multimedia	707/974	Vertical partitioning
707/914	Video	707/975	Portable database architecture
707/915	Image	707/99931	Database or file accessing
707/916	Audio	707/99932	Access augmentation or optimizing
707/917	Text	707/99933	
707/918	Location	707/99934	Query formulation, input preparation, or
707/919	Geographic		translation
707/92	Navigation	707/99935	Query augmenting and refining, e.g. inexact
707/921	Spatial		access
707/922	Communications	707/99936	Pattern matching access
707/923	Intellectual property	707/99937	Sorting
707/924	Patent procedure	707/99938	Concurrency, e.g. lock management in shared
707/925	Drafting an application		database
707/926	Drafting drawing or figures	707/99939	E
707/927	Validation	707/9994	Distributed or remote access
707/928	Electronic submission	707/99941	<ul> <li>Database schema or data structure</li> </ul>
707/929	Docketing	707/99942	Manipulating data structure, e.g. compression,
707/93	intellectual property analysis		compaction, compilation
707/931	Patent comparison	707/99943	Generating database or data structure, e.g. via
707/932	Infringement detection	707/00044	user interface
707/933	Citation analysis	707/99944	Object-oriented database structure
707/934	Analyzing patent activity	707/99945	Object-oriented database structure processing
707/935	Company or stock valuation	707/99946	Object-oriented database structure network
707/936	for use in research and development	707/99947	• Object-oriented database structure reference
707/937	intellectual property searching	707/99948	. Application of database or data structure, e.g.
707/938	intellectual property markets	707/00051	distributed, multimedia, or image  • File or database maintenance
707/939	Idea solicitation	707/99951	
707/94	Infrastructure	707/99952	Coherency, e.g. same view to multiple users  Page years bility
707/941	Human sciences		Recoverability
707/942	Legal/academic		• • • Version management
707/943	News		Archiving or backup     File allocation
707/944	Business related		
707/945	Contract negotiation	101/99931	Garbage collection
707/946	Real estate	Data processi	ing: presentation processing of document, operator
707/947	Human resources		cessing, and screen saver display processing
707/948	Product or catalog	-	
707/949	Inventory	715/00	Data processing: presentation processing of
707/95	. Financial		document, operator interface processing, and
707/951	Calendar or scheduling	715/061	screen saver display processing
707/952	Malicious software	715/961	Operator interface with visual structure or function dictated by intended use
707/953	Organization of data	715/062	dictated by intended use

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715/962

. . Operator interface for marketing or sales

Data processing: presentation processing of document, operator interface processing, and screen saver display processing

display proces	ssing		
715/963	Calendar or scheduling	901/36	Actuating means
715/964	CAD or CAM, e.g. interactive design tools	901/37	Fluid motor
715/965	for process control and configuration	901/38	Electric motor
715/966	Computer process, e.g. operation of computer	901/39	Jaw structure
715/967	Visual or iconic programming	901/40	Vacuum or mangetic
715/968	interface for database querying and retrieval	901/41	Tool
715/969	Network layout and operation interface	901/42	Welding
715/97	Instrumentation and component modelling, e.g.	901/43	Spray painting or coating
	interactive control panel	901/44	· · inspection
715/9701	Amusement or marital aid interface	901/45	Compliance
715/971	. Cooperative decision support systems for group of	901/46	Sensing device
	users	901/47	Optical
715/972	<ul> <li>Inserted real-time video in operator interface</li> </ul>	901/48	• Counterbalance
715/973	<ul> <li>Scroll tool, e.g. window scroll bar</li> </ul>	901/49	Protective device
715/974	<ul> <li>Slider control as on-screen object in operator</li> </ul>	901/50	Miscellaneous
	interface		
715/975	<ul> <li>Pop-up dialog box for entry</li> </ul>	Electronic f	unds transfer
715/976	• 3-D Icon	002/00	Electronic funds transfer
715/977	<ul> <li>Dynamic icon, e.g. animated or live action</li> </ul>	902/00	Electronic funds transfer
715/978	<ul> <li>Audio interaction as part of an operator interface</li> </ul>	902/01	• with electronic means providing security
Robots		902/02	<ul> <li>Protects transmitted data, e.g. encryption or decryption</li> </ul>
		902/03	<ul> <li>Evaluates biometrics</li> </ul>
901/00	Robots	902/04	<ul> <li>Means to read data stored on identifier*</li> </ul>
901/01	. Mobile robot	902/05	<ul> <li>And to verify identity of user*</li> </ul>
901/02	Arm motion controller	902/06	Image processor, e.g. video camera
901/03	Teaching system	902/07	Means to identify counterfeit money
901/04	Manual lead through	902/08	<ul> <li>Terminal* with means permitting deposit or</li> </ul>
901/05	• • • Machine driven lead through		withdrawal, e.g. ATM
901/06	Communication with another machine	902/09	• with secure receptacle, e.g. safe, depository
901/07	Conveyor	902/10	Remote from terminal
901/08	Robot	902/11	And value discriminator
901/09	Closed loop, sensor feedback controls arm movement	902/12	• • • Serving as both depository and source for, e.g. note dispencing recycling
901/10	Sensor physically contacts and follows work	902/13	Dispensing, e.g. money cassette
	contour	902/14	with cash dispenser
901/11	<ul> <li>Mechanically actuated present limit</li> </ul>	902/15	including currency feeder
901/12	Cam	902/16	Sensitive to erroneous passage of plural bills
901/13	Limit switch	902/17	with particular feeder or counter feature
901/14	Arm movement, spatial	902/18	• • with printer
901/15	Jointed arm	902/19	And page turner
901/16	Cartesian, three degrees of freedom	902/20	• with specific data input means, e.g. keyboard
901/17	Cylindrical	902/21	with specific data output means or indicator
901/18	Spherical	902/22	• Terminal* registers transaction*, e.g. point of sale
901/19	Drive system for arm		terminal*
901/20	• • with provision for altering speed of driven	902/23	. for entertainment, amusement, or gambling
	element	902/24	• for use with general purpose terminal*, e.g. home
901/21	Flaccid drive element		banking
901/22	Fluid motor	902/25	<ul> <li>Specific identifier*, e.g. bank card</li> </ul>
901/23	Electric motor	902/26	including semiconductor chip, e.g. smart card
901/24	Stepper motor	902/27	Magnetically encoded
901/25	Gearing	902/28	Designed to resist counterfeiting
901/26	including bevel gear	902/29	Specific process of manufacture
901/27	. Arm part	902/30	• Support or enclosure, e.g. kiosk
901/28	Joint	902/31	Selectively prevents access to terminal*
901/29	Wrist	902/32	• • for plurality of terminals*
901/30	End effector	902/33	for drive-in installation
901/31	Gripping jaw	902/34	. Collapsible
901/32	Servo-actuated	902/35	Accommodates user, i.e. walk-in enclosure
901/33	Tactile sensor	902/36	Paper supply, e.g. receipt
901/34	force feedback	902/37	System*
901/35	· · · · Proximity	902/38	Error or fault recovery
, 01, 00		702/30	• • Dirot of function of y

Electronic funds transfer Y10S

902/39	Particular communication feature	930/12	Growth hormone, growth factor other than t-
902/40	Transaction* processing	750/12	cell or b-cell growth factor, and growth hormone
902/41	Miscellaneous		releasing factor; related peptides
, o <u>=</u> , .1		930/13	. Luteinizing hormone-releasing hormone; related
Hybrid elect	tric vehicles, HEVS		peptides
903/00	Hybrid electric vehicles, HEVS	930/14	Lymphokine; related peptides
903/00	Prime movers comprising electrical and internal	930/141	Interleukin
903/902	combustion motors	930/142	Interferon
903/903	<ul> <li>having energy storing means, e.g. battery,</li> </ul>	930/143	Lymphotoxin
703/703	capacitor	930/144	Tumor necrosis factor
903/904	Component specially adapted for hev	930/145	Colony stimulating factor
903/905	Combustion engine	930/15	Oxytocin or vasopressin; related peptides
903/906	Motor or generator	930/16	Somatostatin; related peptides
903/907	Electricity storage, e.g. battery, capacitor	930/17	Vasoactive intestinal peptides; related peptides
903/908	Fuel cell	930/18	Thymus derived hormone or factor; related
903/909	Gearing	00040	peptides
903/91	Orbital, e.g. planetary gears	930/19	. Antibiotic
903/911	with two or more gear sets	930/20	Bacterial peptide or bacterial protein
903/912	Drive line clutch	930/21	Parasitic peptide or parasitic protein
903/913	One way	930/22	Viral peptide or viral protein
903/914	Actuated, e.g. engaged or disengaged by electrical, hydraulic or mechanical means	930/221	Retrovirus related, or human immunodeficiency virus related, or simian immunodeficiency virus related
903/915	• • • Specific drive or transmission adapted for hev	930/222	Foot and mouth disease related
903/916	with plurality of drive axles	930/223	Hepatitis related
903/917	with transmission for changing gear ratio	930/224	Herpes related
903/918	Continuously variable	930/23	Multicellular plant peptide or multicellular plant protein
903/919	Stepped shift	930/24	. Enzyme or isoenzyme
903/93	Conjoint control of different elements	930/25	. Enzyme inhibitor
903/944	Characterized by control of fuel cell	930/26	Containing cys-cys disulfide bridge between
903/945	<ul> <li>Characterized by control of gearing, e.g. control of transmission ratio</li> </ul>		nonadjacent cysteine residues
903/946	Characterized by control of driveline clutch	930/27	. Cyclic peptide or cyclic protein
903/947	Characterized by control of braking, e.g.	930/28	<ul> <li>Bound to a nonpeptide drug, nonpeptide label, nonpeptide carrier, or a nonpeptide resin</li> </ul>
	blending of regeneration, friction braking	930/29	Polyamino acid or polypeptide with an
903/951	Assembly or relative location of components	930/29	uninterrupted series of peptide repeating units
903/952	Housing details	930/30	Signal or leader sequence
903/96	having chargeable mechanical accumulator	930/31	. Linker sequence
D41.3		930/32	Modification to prevent enzymatic degradation
<u>reptide or p</u>	rotein sequence		r j8

# Peptide or protein sequence

930/00	Peptide or protein sequence	<b>Nanotechno</b>	logy
930/01 930/02 930/021 930/022 930/023 930/024 930/025 930/03	<ul> <li>Peptide or protein sequence</li> <li>Containing modified or unusual amino acid</li> <li>Containing D-amino acid</li> <li>Containing radioactive atom</li> <li>Containing halogen</li> <li>Containing sulfur</li> <li>Containing heavy metal or salt thereof</li> <li>Linear peptide or protein containing a nonpeptide</li> </ul>	977/00 977/70 977/701 977/702 977/703 977/704 977/705	Nanotechnology  Nanostructure  Integrated with dissimilar structures on a common substrate  having biological material component  Cellular  Nucleic acids, e.g. DNA or RNA  Protein or peptide
930/031 930/04 930/05 930/06 930/07 930/08 930/09 930/10 930/11	or abnormal peptide link  Retro-inverted  Angiotensin; related peptides  Atrial or brain natriuretic peptide; related peptides  Calcitonin; related peptides  Corticotropin; related peptides  Endorphin or enkephalin; related peptides  Erythropoietin; related peptides  Factor VIII, AHF; related peptides  Gonadotropin; related peptides	977/706 977/707 977/708 977/709 977/71 977/711 977/712 977/713 977/714 977/715	<ul> <li>Carbohydrate</li> <li>having different types of nanoscale structures or devices on a common substrate</li> <li>with distinct switching device</li> <li>including molecular switching device</li> <li>Biological switching</li> <li>Nucleic acid switching</li> <li>formed from plural layers of nanosized material, e.g. stacked structures</li> <li>including lipid layer</li> <li>Containing protein</li> <li>On an organic substrate</li> </ul>

Nanotechnology Y10S

9777746 Biological cell surface 977785 Mono-atomic layer on define-doped sheet 9777781 Carbohydrate substrate 977776 Nakelice acid utstrate 977776 Nakelice acid utstrate 977776 Nakelice acid utstrate 977776 On an electrically combucting, semi-ordatering, or semi-insularing substrate 977761 On a metal substrate 977761 On a silicous substrate 977761 On an electrically insulating substrate 977762 Nanomaturiansoactuator 977762 Nanomaturiansoactuator 977762 Nanomaturiansoactuator 977762 Nanomaturiansoactuator 977762 Nanomaturiansoactuator 977762 Nanomaturiansoactuator 977763 Nanomaturiansoactuator 977762 Nanomaturiansoactuator 977762 Nanomaturiansoactuator 977763 Nanomaturiansoactuator 977764 Nanomaturiansoactuator 977764 Nanomaturiansoactuator 977765 Nanomaturiansoactuator 977765 Nanomaturiansoactuator 977766 Nanomaturiansoactuator 977776 Nanomaturiansoactuator 977766 Nanomaturiansoactuator 97776 Nanomaturiansoactuator 97776 Nanomaturiansoactuator 97776 Nanomaturiansoactuator 97776 Nanomaturiansoactuator 97776 Nanomaturiansoactuator 97776 Nanomaturiansoactuator 97777 Nanomaturiansoactuator 977778 Nanomaturiansoactuator 977778 Nanomaturiansoactuator 977778 Nanomaturian				
977/78	977/716	Biological cell surface	977/758	Mono-atomic layer on delta-doped sheet
977/79 No. Nucleic acid substrate conducting, or smi insulating substrate prize conducting, smi insulating substrate prize conducting substrate prize conducting substrate prize conducting substrate prize conducting smi insulating substrate prize conducting substrate prize conducting substrate p	977/717	Lipid substrate	977/759	Quantum well dimensioned for intersubband
977/22 — On an electrically conducting, semi- omalicating, or semi-insulating substrate 977/721 — On a sulcon substrate 977/722 — On a needat obstrate 977/723 — On an electrically insubstrate 977/724 — Devices having fletchile or movable element 977/725 — Sunomotoriomancemant 977/726 — sung chemical reaction biological energy, e.g. AIP 977/727 — Orner of from biological untertal 977/728 — Nucleica caids, e.g. DNA or RNA 977/729 — From protein or unt thereof, e.g. enzyme or carboxyl groups 977/73 — In freed from a single atom, molecule, or cluster 977/731 — In formed from a single atom, molecule, or cluster 977/732 — Nanomotoriomatic 977/733 — Nanomotoriomatic 977/734 — From protein or unt thereof, e.g. enzyme or carboxyl groups 977/735 — Nanomotoriomatic 977/736 — In freed from a single atom, molecule, or cluster 977/737 — Nanomotoriomatic 977/738 — Nanomotoriomatic 977/739 — From protein or unt thereof, e.g. enzyme or carboxyl groups 977/734 — Nanomotoriomatic 977/735 — Nanomotoriomatic 977/736 — Sundphargam 977/737 — Nanomotoriomatic 977/737 — Nanomotoriomatic 977/737 — Nanomotoriomatic 977/737 — Nanomotoriomatic 977/738 — Carbon buckyball 977/739 — Nanomotoriomatic 977/730 — Nanomotoriomatic 977/731 — Nanomotoriomatic 977/730 — Nanomotoriomatic 977/731 — Nanomotoriomatic 977/731 — Nanomotoriomatic 977/732 — Nanomotoriomatic 977/733 — Nanomotoriomatic 977/734 — Nanomotoriomatic 977/734 — Nanomotoriomatic 977/734 — Nanomotoriomatic 977/74 — Modified with an enzyme 977/74 — Modified with dissimilar atom or molecule 977/74 — Modified with dissimilar atom or molecule 977/74 — Nanomotoriomatic 977/74 — Nan	977/718	Carbohydrate substrate		
conducting, or semi-insulating substrate 977722 On a metal substrate 977723 On a metal substrate 977724 Devices having flexible or movable element 977725 Namomotor hanoxutuator 977726 Namomotor hanoxutuator 977727 Some of control biological mergy, 977727 Commel from biological material 977728 Nalocalical reaction/biological mergy, 977729 Commel from biological material 977729 Commel from biological material 977720 Namomotor hanoxutuator 977721 Some of the biological material 977721 Commel from biological material 977722 Commel from biological material 977723 Namodiffer or unit thereof, e.g. enzyme or carboxyl group 977733 On of electrical purposes 977733 Namodiaphragm 977734 Philarene, i.e. graphene-based structures, such as manchors, nanocucous, nanoscrolls or fullerene-like structures, e.g. Wo in Mos's chalcogenide nanorabes, planar Cyk, etc. 977763 (Arbon backylahal) 977773 Naving atomis interior to the carbon cage 977773 Naving atomis interior to the carbon cage 977774 Nodified with a merxyme 977774 Nodified with dissimilar atom or molecule substituted for carbon amorated in the surface 977774 Nodified with dissimilar atom or molecule substituted for carbon atoms of the backybul, e.g. impairly dapling or corpositional substitution or molecules substituted for carbon atoms 107774 Nodified with a neuryme 977774 Nodified with a neuryme 977774 Nodified with dissimilar atom or molecule substituted with dissimilar atom or molecule substituted for carbon atoms of the backybul, e.g. impairly dapling or corpositional substitution 977775 Nodified with dissimilar atom or molecules substituted for carbon atoms of the backybul, e.g. impairly dapling or corpositional substitution 977774 Nodified with a neuryme 977775 Nodified with dissimilar atom or molecules substituted for carbon atoms of the surface 977775 Nodified with dissimilar atom or molecules substituted for carbon atoms of the surface 977775 Nodified with dissimilar atom or molecules substituted for carbon atoms of the surface 977778 Nodified with dissimilar at	977/719	Nucleic acid substrate		-
977/721 — On a silicon substrate 977/722 — On a nelectrically insulating substrate 977/723 — On an electrically insulating substrate 977/724 — Devices having [lexible or movable element 977/725 — Sung chemical reaction biological energy. 977/726 — susing chemical reaction biological energy. 977/727 — formed from biological material 977/728 — From protein or unit thereof, e.g. enzyme or carboxyl group 977/738 — Nucleic acids, e.g. DNA or RNA 977/729 — From protein or unit thereof, e.g. enzyme or carboxyl group 977/731 — formed from a single atom, molecule, or cluster 977/732 — Nanocantilever 977/733 — Nanocantilever 977/734 — Pullerenes, i.e. graphene-based structures, such a mandors, nanococoons, nanococoons, annococoons, annocococoons, annocococoons, annocococoons, annocococoons, annocococoons, annocococoons, an	977/72	On an electrically conducting, semi-		-
977/722 On a metal substrate 977/723 On an electrically insularing substrate 977/724 On an electrically insularing substrate 977/725 On an electrically insularing substrate 977/726 Devices having fleshibe or movable element 977/727 Nanomotor/nanocatator 977/727 Nanomotor/nanocatator 977/728 Nalecia acids, e.g. DNA or RNA 977/728 Nalecia acids, e.g. DNA or RNA 977/728 Nalecia acids, e.g. DNA or RNA 977/738 Nanocation or unit thereof, e.g. enzyme or carboxyl group 977/731 formed from a single atom, molecule, or cluster 977/732 Nanomotor or unit thereof, e.g. enzyme or carboxyl group 977/733 Nanocatiphragm 977/734 Fallerene, i.e. graphene-based structures, such as nanohorns, nanoencones, nanoserolls or fullerene like structures e.g. WS or MoSchallerene like structures, e.g. with specified packing density 977/735 Nanosacified surface 977/736 having anomatified surface 977/737 having atoms interior to the carbon cage 977/739 Modified with a inological, organic, or hydrocarbon material 977/74 Modified with a enzyme 977/74 Carbon backyball e.g. impority doping or compositional substitution 977/74 Abdified with a long surface in one carbon cage substituted for carbon atoms of the buckyball, e.g. impority doping or compositions interior to the carbon cage substituted for carbon atoms of the buckyball, e.g. impority doping or compositions interior to the carbon cage substituted for carbon atoms of the buckyball, e.g. impority doping or compositions interior to the carbon cage substituted for carbon atoms of the buckyball, e.g. impority doping or compositions interior to the carbon cage substituted for carbon atoms of the buckyball, e.g. impority doping or compositions interior to the carbon cage substituted for carbon atoms of the carbon cage on molecules substituted for carbon atoms of the carbon atoms o		conducting, or semi-insulating substrate	977/76	
977773 On an electrically insulating substrate 977724 Devices having flexible or movable element 977725 Devices having flexible or movable element 977726 . using chemical reaction Biological energy. 977727	977/721	On a silicon substrate		
9777724 Devices having flexible or movable element 9777725 Nanomotor/nanoactuator 9777726 using chemical reaction/biological energy, e.g., ATP 977727 (c. using chemical reaction/biological material 977728 Nalceic acids, e.g. DNA or RNA 9777728 Nalceic acids, e.g. DNA or RNA 977773 (c. using chemical purposes 9777731 (c. using chemical purposes 9777731 (c. using chemical purposes 9777731 (c. using chemical purposes 9777732 (c. using chemical purposes 9777733 (c. using chemical purposes 9777733 (c. using chemical purposes 9777734 (c. using chemical purposes 9777734 (c. using chemical purposes 9777735 (c. using chemical purposes 9777736 (c. using chemical purposes 9777736 (c. using chemical purposes 9777737 (c. using chemical purposes 9777736 (c. using chemical purposes 9777736 (c. using chemical purposes 9777736 (c. using chemical purposes 977773 (c. using chemical purposes 977774 (c. using chemical purposes 977775 (c. using chemical purposes 977776 (c. using chemical purposes 977777 (c. using chemical purposes 977778 (c. using chemical purposes 977779	977/722	On a metal substrate	977/761	
977/725 - Nanomotorhanoactuator or movatee entent or 1977/765 - vising chemical reaction/biological energy. 977/726 - vising chemical reaction/biological energy. 977/727 - formed from biological material 977/728 - formed from biological material 977/729 - From protein or unit thereof, e.g. enzyme or carboxyl group 977/73 - formed from a single atom, molecule, or cluster 977/742 - Nanocamtilever 977/73 - formed from a single atom, molecule, or cluster 977/763 - with specified packing density 977/742 - Nanocamtilever 977/763 - with specified packing density 977/764 - fullerenes, i.e. graphene-based structure, such as mandorms, nanoscooms, nanoscools or fullerenes, i.e. graphene-based structure sundorms analyses at material 977/765 - with specified cross-sectional profile, e.g. belt-shaped shandorms, nanoscooms, nanoscools or fullerenes, i.e. graphene-based structures, e.g. WS or MoS 977/768 - fullerenes, i.e. graphene-based structures, e.g. WS or MoS 977/768 - fullerenes, i.e. graphene-based structures, e.g. WS or MoS 977/769 - fullerenes, i.e. graphene-based structures, e.g. WS or MoS 977/769 - fullerenes, i.e. graphene-based structure, e.g. of the carbon cage 977/77 - fullerenes i.g. graphene-based structure, e.g. of the carbon cage 977/77 - fullerene with sundiffed surface 977/78 - fullerene with sundiffed surface 977/78 - fullerene with sundiffed sur	977/723	On an electrically insulating substrate		
977/725 Nanomotoranoactuator v. c.g. ATP 977/726 Lousing chemical reaction/biological energy. c.g. ATP 977/727 No. Nucleic acids, e.g. DNA or RNA 977/728 Nucleic acids, e.g. DNA or RNA 977/729   Prom protein or unit thereof, e.g. enzyme or carboxyl group 977/731   Formed from a single atom, molecule, or cluster 977/732   Nanoantilever 977/733   Nanodiaphragm 977/734   Fullerenes, i.e. graphene-based structures, such as anahorza, nanoecoors, nanoscrolis or fullerene-like structures, e.g. WS or MoS: 977/734   Fullerenes, i.e. graphene-based structures, such as anahorza, nanoecoors, nanoscrolis or fullerene-like structures, e.g. WS or MoS: 977/735   Carbon buckyball   977/766   Bent wire, i.e. having anoliner longitudinal axis anahorza, nanoetoes, plant Chia, ecc. 977/736   Nanodiaphragm 977/737   Nanoanottes, plant Chia, ecc. 977/737   Nanoing modified surface 977/738   Nanofined with an enzyme 977/74   Modified with dissimilar atom or molecules bonded to the surface compositional substitution 977/74   Modified with dissimilar atom or molecules bonded to the surface 977/74   Nanoing modified surface substituted for carbon atoms of the curbon cage hydrocarbon material 977/74   Modified with dissimilar atom or molecules bonded to the surface compositional substitution 977/74   Modified with dissimilar atom or molecules bonded to the surface compositional substitution 977/74   Modified with dissimilar atom or molecules bonded to the surface compositional substitution 977/74   Nanoing modified surface substituted for carbon atoms of the curbon cage hydrocarbon material produced with polyman or compositional substitution 977/74   Nanoing modified surface substituted for carbon atoms or molecules bonded to the surface consecuency of the curbon cage hydrocarbon material end end of the curbon cage hydrocarbon material end end of the curbon cage hyd	977/724	Devices having flexible or movable element		
1977/25   using chemical traction/biological energy, e.g., AIP   1977/72   formed from biological material   977/72   Nanowine or quantum wire, i.e. axially colongued structure or carboxyl group   977/73   formed from biological material   977/74   Manowine or quantum wire, i.e. axially colongued structure having two dimensions of 100 mm or less   977/74   formed from a single atom, molecule, or cluster   977/76   formed along or from crystallographic terraces or ridges   977/77   Manoming the dimensions of 100 mm or less   977/76   Machine   977/77   Machine   977/77   Machine   977/77   Machine   977/76   Machine   977/77   .	977/725	Nanomotor/nanoactuator		
e.g. ATP 9777728 Nucleis acids, e.g. DNA or RNA 977779 - From protein or unit thereof, e.g. enzyme or carboxyl group carboxyl group 977763 (formed from a single atom, molecule, or cluster 977764) - From protein or unit thereof, e.g. enzyme or carboxyl group 977763 (formed from a single atom, molecule, or cluster 977764) - Nanocantilever 977765 (with specified packing density 977764) - Nanocantilever 977765 (with specified packing density 977765 (with specified packing density 9777764) - Pullerenes, i.e. graphene-based structures, such as nanohorns, nanococoons, nanoscrolls or fullerene-like structures, e.g. WSy or MoS <sub>2</sub> 977766 (allerene-like structures, e.g. WSy or MoS <sub>2</sub> 977766 (beart with a structure) (beart with experiment with polyamide polymers 977773 (beart with a structure) (beart with experiment with polyamide polymers 977773 (beart with a nearyme 977773 (beart with a nearyme 977774 (beart with a nearyme 977774 (beart with a structure, e.g. close-ended shell or open-ended tube 1977779 (beart with such size of the surface 1977779 (beart with dissimilar atoms or molecules bonded to the surface 1977781 (beart with dissimilar atoms or molecules bonded to the surface 197779 (beart with dissimilar atoms or molecules bonded to the surface 197779 (beart with dissimilar atoms or molecules bonded to the surface 197779 (beart with dissimilar atoms or molecules bonded to the surface 197779 (beart with dissimilar atoms or molecules bonded to the surface 197779 (beart with dissimilar atoms or molecules bonded to the surface 1977781 (beart with dissimilar atoms or molecules b	977/726	using chemical reaction/biological energy,		
977772		e.g. ATP		
977/728 — Nucleic acids, e.g. DNA or RNA 977/729 — From protein or unit thereof, e.g. enzyme or carboxyl group 977/731 — For entertical purposes 977/732 — Nanocantilever 977/732 — Nanocantilever 977/733 — Nanocantilever 977/733 — Nanocantilever 977/734 — Pullerenes, i.e. graphene-based structures, such as nanohors, nanocacons, nanoscrolls or fullerene-like structures, e.g. WS; or MoS; chalcogenide annotubes, planus (CN), etc. 977/735 — Acabon buckyball 977/735 — Laving a modified surface 977/737 — having a modified surface 977/738 — Modified with hiological, organic, or hybrocarbon material 977/741 — Modified with a enzyme 977/742 — Carbon nanothes, CNTs 977/743 — having a modified surface 977/744 — Modified with a toms or molecule substituted for carbon atoms of the buckyball, e.g. impurity doping or compositional substitution 977/745 — having a modified surface 977/746 — Modified with a toms or molecule substituted for carbon atoms of the buckyball, e.g. impurity doping or compositional substitution 977/745 — having a modified surface 977/745 — having a modified with a consorted to the surface 977/745 — having a modified with a consorted to the surface 977/745 — having a modified with a consorted to the surface 977/746 — Modified with a toms or molecules bonded to the surface 977/747 — Modified with a consorted to the carbon cage 977/748 — having a modified surface 977/749 — having a modified surface 977/740 — Modified with a toms or molecules bonded to the surface 977/741 — Modified with a consorted to the carbon cage 977/742 — Modified with a toms or molecules bonded to the surface 977/745 — having a modified surface 977/746 — having a modified surface 977/747 — Modified with dissimilar atoms or molecules bonded to the surface 977/748 — Modified with a consorted to the carbon cage 977/749 — Modified with dissimilar atoms or molecules bonded to the surface 977/749 — Modified with dissimilar atoms or molecules bonded to the surface 977/749 — Modified with dissimilar atoms or molecules bonded to the surface 97	977/727	formed from biological material	977/762	
977772 Prime protein or unit thereof, e.g. enzyme or carboxyl group poses 977773	977/728	Nucleic acids, e.g. DNA or RNA	<i>5111102</i>	
977/73	977/729	From protein or unit thereof, e.g. enzyme or		
977/73 for electrical purposes 977/73		carboxyl group	977/763	• • • formed along or from crystallographic terraces
977/732 Nanocantilever 977/733 Nanodiaphram 977/734 Fullerenes, i.e. graphene-based structures, such as nanohorms, nanoococons, nanoscrolls or fullerene-like structures, e.g. WS; or MoS; chalcogenide nanotubes, planar C <sub>3</sub> N <sub>6</sub> , etc. 977/735 Carbon buckyball 977/736 Helical wire chalcogenide nanotubes, planar C <sub>3</sub> N <sub>6</sub> , etc. 977/737 Nanying a modified surface 977/771 Nanoring 977/737 Nanying a modified with diological, organic, or hydrocarbon material 977/73 Nanying a modified with an enzyme 977/74 Nanoffied with dissimilar atoms or molecules bonded to the surface 977/74 Nodified with dissimilar atoms or molecule substituted for carbon atoms of the buckyball e.g. impurity doping or compositional substitution 977/74 Nanoffied with an enzyme 977/74 Nanoffied with a enzyme 977/74 Nodified with a enzyme 977/74 Nanosized powder or flake 977/75 Nanosized powder or flake 977/74 Nanosized powder or flake 977/78 Nanosized	977/73	for electrical purposes		
977/732 · Nanocantilever 977/734 Nanocantilever 977/735   Fullerenes, i.e. graphene-based structures, such as nanohorns, nanococoons, nanoscrolls or fullerene-like structures, e.g. whis option of the carbon cage 977/768   Helical wire chalcogenide nanotubes, planar C.N.q. etc. 977/768   Helical wire formed with nucleic acid 977/776   Formed with nucleic acid 977/776   Formed with nucleic acid 977/773   Nanoring 977/773   Nanoring 977/774   Nanoring 977/774   Nanoring 977/775   Nanoparticle, i.e. structure having three dimensions of 100 mon or less 977/774   Modified with atoms or molecule substituted for carbon atoms of the buckyball, e.g. impurity doping or compositional substitution 977/774   Nanoring 977/744   Nanoring 977/745   Nanoring 977/745   Nanoring 977/745   Nanoring 977/745   Nanoring 977/746   Nanoring 977/746   Nanoring 977/746   Nanoring 977/747   Nanoring 977/746   Nanoring 977/747   Nanoring 977/747   Nanoring 977/747   Nanoring 977/747   Nanoring 977/747   Nanoring 977/748   Nanoring 977/749   Nanoring 977/749   Nanoring 977/749   Nanoring 977/749   Nanoring 977/740   Nano	977/731	formed from a single atom, molecule, or cluster	977/764	with specified packing density
Fullerenes, i.e. graphene-based structures, such as ananohors, nanoscocons, nanoscrollor or fullerene-like structures, e.g. WS <sub>2</sub> or MoS <sub>2</sub> 977/68 977/68   Helical wire chalcogenide nanotubes, planar C <sub>3</sub> N <sub>4</sub> etc. 977/68   Helical wire chalcogenide nanotubes, planar C <sub>3</sub> N <sub>4</sub> etc. 977/76   Metalogenide nanotubes, planar C <sub>3</sub> N <sub>4</sub> etc. 977/76   Metalogenide nanotubes, planar C <sub>3</sub> N <sub>4</sub> etc. 977/76   Metalogenide nanotubes, planar C <sub>3</sub> N <sub>4</sub> etc. 977/76   Metalogenide nanotubes, planar C <sub>3</sub> N <sub>4</sub> etc. 977/77   Metalogenide nanotubes, planar C <sub>3</sub> N <sub>4</sub> etc. 977/77   Metalogenide nanotubes, planar C <sub>3</sub> N <sub>4</sub> etc. 977/77   Metalogenide nanotubes, planar C <sub>3</sub> N <sub>4</sub> etc. 977/77   Metalogenide nanotubes, planar C <sub>3</sub> N <sub>4</sub> etc. 977/77   Metalogenide nanotubes, planar C <sub>3</sub> N <sub>4</sub> etc. 977/77   Metalogenide nanotubes, planar C <sub>3</sub> N <sub>4</sub> etc. 977/77   Modified with biological, organic, or buckplal, e.g. impurity doping or compositional substitution of compositional substitution or decompositional substitution or decompositional substitution or decompositional substitution or hydrocarbon material etc. 977/77   Metalogenide nanotubes, Chris 977/78   Modified with a enzyme 977/74   Modified with a enzyme 977/74   Nodified with a enzyme 977/74   Nodified with a menzyme 977/74   Modified with a menzyme 977/74   Modified with a menzyme 977/78   Modified with a menzyme 97	977/732	Nanocantilever	977/765	
as nanohoms, nanoecocons, nanoscrolls or fullerene-like structures, e.g. WS2 or MoS2 chalcogenide nanotubes, planar C3Na, etc. 977768 Helical wire chalcogenide nanotubes, planar C3Na, etc. 9777769   formed with nucleic acid 977773	977/733	Nanodiaphragm		
as anohoms, nanococoons, nanoscrolls or fullerene. Hiek structure, e.g., ehalcogenide nanotubes, planar $C_3N_4$ , etc. 977/768 7977/735 7977/735 7977/736 7977/737 7977/737 7977/737 7977/737 7977/738 7977/738 7977/739 7977/739 7977/739 7977/739 7977/740 7977/741 7977/741 7977/741 7977/742 7977/742 7977/742 7977/742 7977/743 7977/743 7977/744 7977/744 7977/745 $7977/745$ $79777/745$ $79777/745$ $79777/745$ $79777745$	977/734	Fullerenes, i.e. graphene-based structures, such	977/766	Bent wire, i.e. having nonliner longitudinal axis
chalcogenide nanotubes, planar C <sub>3</sub> N <sub>4</sub> , etc. 977/735 Carbon buckyball 977/736 having atoms interior to the carbon cage 977/737 977/738 Modified with disological, organic, or hydrocarbon material 977/741 Modified with dissimilar atom or molecule substituted for carbon atoms of the buckyball, e.g. impurity doping or compositional substitution 977/743 Carbon buckyball, e.g. impurity doping or close-ended shell or open-ended tube 977/744 Nanoparitic flow or arbon atoms of mydrocarbon material 977/745 Modified with an enzyme 977/746 977/747 Modified with according or compositional substitution 977/747 Private the first or the carbon cage 977/749 977/749 977/749 977/749 Modified with an enzyme 977/750 977/750 977/751 Single-walled 977/752 Multi-walled 977/753 With polymeric or organic binder 977/754 Polarization of the carbon atoms of the buckyball, e.g. impurity doping or compositional substitution 977/755 Nanosheet or quantum barrier/well, i.e. layer structure having protein 977/756 Lipid layer 977/757 Lave containing mortein 977/750 Lipid layer 977/750		as nanohorns, nanococoons, nanoscrolls or	977/767	
977/735 . Carbon buckyball 977/736 . having atoms interior to the carbon cage 977/717 1 Nanoring 977/736 . having a modified surface 977/738 . Modified with biological, organic, or hydrocarbon material 977/739 . Modified with an enzyme 977/74 . Modified with dissimilar atom or molecule substituted for carbon atoms of the buckyball, e.g. impurity doping or compositional substitution 977/74 . Laving atoms interior to the carbon cage 977/74 . having a modified surface 977/74 . Abaving a modified surface 977/74 . Abaving specified tube end structure, e.g. close-ended shell or open-ended tube 977/74 . having atoms interior to the carbon cage 977/74 . Modified with biological, organic, or hydrocarbon material 977/74 . Modified with management of the surface 977/74 . Modified with an enzyme 977/74 . Modified with an enzyme 977/74 . Modified with an enzyme 977/75 . Single-walled 977/75 . Single-walled 977/75 . Single-walled 977/75 . With specified chirality and/or electrical conductivity 977/75 . Multi-walled 977/75 . Manosheet or organic binder 977/78 . Molecular array 977/79 . Molecular array 97			977/768	Helical wire
977/736 having atoms interior to the carbon cage 977/737 having a modified surface 977/737 having a modified with an enzyme 977/74 hodified with indissimilar atom or molecule substituted for carbon atoms of the buckyball, e.g. impurity doping or compositional substitution 977/74 carbon nanotubes, CNTs 977/74 having a modified surface 977/74 having atoms interior to the carbon cage 977/74 having a modified surface 977/74 having atoms interior to the carbon cage 977/74 having a modified surface 977/74 having atoms interior to the carbon cage 977/75 having a modified with atoms or molecules bonded to the surface 977/74 having atoms interior to the carbon cage 977/75 having a modified with a enzyme 977/78 having atoms interior to the carbon cage 977/78 having a modified with a enzyme 977/78 having a modified with a company to the carbon cage 977/78 having a modified or carbon atoms of the content carbon atoms of the cnt, e.g. impurity doping or compositional substitution 977/78 having atoms or molecules bonded to the surface 977/78 having atoms interior to the carbon atoms of the cnt, e.g. impurity doping or compositional substitution 977/78 having atoms or molecules bonded to the surface 977/78 having atoms or molecules substituted for carbon atoms of the cnt, e.g. impurity doping or compositional substitution 977/78 having atoms or molecules are substituted for carbon atoms of the cnt, e.g. impurity doping or compositional substitution 977/78 having atoms at the carbon atoms or molecules are substituted for carbon atoms or molecules are substituted for carbon atoms or molecules are substit			977/769	formed with nucleic acid
977/736	977/735		977/77	formed with polyamide polymers
977/737 . having a modified surface 977/738 . Modified with bloogical, organic, or hydrocarbon material 977/74 . Modified with dissimilar atom or molecule 977/75 . Modified with dissimilar atom or molecule 977/76 . Modified with dissimilar atom or molecule 977/77 . Modified with dissimilar atom or molecule 977/78 . having specified tube end structure, e.g. 177/74 . having a modified surface 977/74 . having a modified surface 977/74 . Modified with biological, organic, or hydrocarbon material 977/74 . Modified with an enzyme 977/74 . Modified with an enzyme 977/74 . Modified with an enzyme 977/74 . Modified with dissimilar atoms or hydrocarbon material 977/74 . Modified with dissimilar atoms or physical holes 977/78 . Modified with dissimilar atoms or physical holes 977/78 . Modified with dissimilar atoms or physical holes 977/78 . Modified with dissimilar atoms or physical processes in panosized problem or physical processes in panosized proble			977/771	
Modified with biological, organic, or hydrocarbon material   977/73   Nanosheric divided with a enzyme   977/74   Nodified with atoms or molecules bonded to the surface   977/74   Nodified with dissimilar atom or molecule substituted for carbon atoms of the buckyball, e.g. impurity doping or compositional substitution   977/74   Carbon nanotubes, CNTs   977/74   Carbon nanotubes, CNTs   977/74   Nating atoms interior to the carbon cage   977/74   Nodified with biological, organic, or hydrocarbon material   977/74   Nodified with biological, organic, or hydrocarbon material   977/74   Nodified with atoms or molecules bonded to the surface   977/74   Nodified with atoms or molecules bonded to the surface   977/75   Nating atoms interior to the carbon cage   977/75   Nating atoms interior to the carbon cage   977/78   Nodified with atoms or molecules bonded to the surface   977/78   Nodified with atoms or molecules bonded to the surface   977/78   Nodified with dissimilar atoms or molecules bonded to the surface   977/78   Nodified with dissimilar atoms or molecules substituted for carbon atoms of the cnt, e.g. impurity doping or compositional substitution   977/78   Nodified with dissimilar atoms or molecules substituted for carbon atoms of the cnt, e.g. impurity doping or compositional substitution   977/78   Nodified with dissimilar atoms or molecules with the substitution   977/78   Nodified with dissimilar atoms or molecules with the substitution   977/78   Nodified with dissimilar atoms or molecules with the properties of the cnt, e.g. impurity doping or compositional substitution   977/78   Nodified with dissimilar atoms or molecules with the properties   977/78   Nodified with dissimilar atoms or molecules with the properties   977/78   Nodified with dissimilar atoms or molecules with the properties   977/78   Nodified with dissimilar atoms or molecules with the properties   977/78   Nodified with dissimilar atoms or molecules with the properties   977/78   Nodified with dissimilar atoms or molecules wit		_	977/772	<del>_</del>
977/74	977/738			
977/74		•	977/773	Nanoparticle, i.e. structure having three
1977/741 Nodified with dissimilar atom or molecule substituted for carbon atoms of the buckyball, e.g. impurity doping or compositional substitution 971/775 (Carbon annotubes, CNTs) 971/776 (Carbon annotubes, CNTs) 971/778 (Carbon		ž		dimensions of 100 nm or less
977/741  Modified with dissimilar atom or molecule substituted for carbon atoms of the buckyball, e.g. impurity doping or compositional substitution 977/742  Carbon nanotubes, CNTs 977/743  having specified tube end structure, e.g. close-ended shell or open-ended tube 977/744  having atoms interior to the carbon cage 977/745  977/746  Modified with biological, organic, or hydrocarbon material 977/747  977/747  Modified with a enzyme 977/748  977/749  977/749  Modified with dissimilar atoms or molecules bonded to the surface 977/749  977/75  977/75  1 Single-walled 977/75  977/75  2 Single-walled 977/75  977/75  1 With specified chirality and/or electrical conductivity 977/75  977/75  1 Dendrimer, i.e. serially branching or "tree-like" structure 977/755  Nanosized powder or flake  977/776  977/778  977/784  Metallic powder or flake  Within specified host or matrix material, e.g. nanocomposite films  Possessing nanosized particles, powders, flakes, or clusters other than simple atomic impurity doping  Possessing fully enclosed nanosized voids or physical holes  977/781  Possessing nanosized surface openings that extend partially into or completely through the host material  977/784  977/785  977/785  977/786  977/786  977/787  977/787  977/787  977/787  977/787  977/788  977/789  977/789  977/780  977/780  977/780  977/780  977/780  977/780  977/780  977/780  977/780  977/781  977/780  977/781  977/782  977/783  977/784  977/785  977/785  977/786  977/786  977/787  977/787  977/787  977/787  977/788  977/789  977/789  977/780	977/14		977/774	
substituted for carbon atoms of the buckyball, e.g. impurity doping or compositional substitution 977/742  • Carbon nanotubes, CNTs 977/743  • having specified tube end structure, e.g. close-ended shell or open-ended tube 977/744  • having a modified surface 977/745  • having a modified surface 977/746  • Modified with biological, organic, or hydrocarbon material 977/747  • Modified with an enzyme 977/748  • Modified with dissimilar atoms or molecules bonded to the surface 977/749  • Modified with dissimilar atoms or molecules ubstituted for carbon atoms of the cnt, e.g. impurity doping or compositional substitution 977/751  • Single-walled 977/752  • Multi-walled 977/753  • Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less 977/754  • Lipid layer 977/755  • Lipid layer 977/755  • Lipid layer 977/756  • Lipid layer 977/757  • Carbon nanotubes, CNTs 977/778 977/778  977/779 977/779  • Metallic powder or flake • Metallic powder or flake 977/778 • Mithi specified bost or matrix material, e.g. within specified bost or matrix material, e.g. nanocomposite films • Possessing nanosized particles, powders, flakes, or clusters other than simple atomic impurity doping • Possessing nanosized particles, powders, flakes, or clusters other than simple atomic impurity doping • Possessing nanosized particles, powders, flakes, or clusters other than simple atomic impurity doping or physical lones physical lones physical convexity, ridge, or protrusion extending upward from the host surface • Possessing nanosized physical convexity, ridge, or protrusion extending upward from the host's surface • Possessing	077/741			
buckyball, e.g. impurity doping or compositional substitution 977/776	9///41		977/775	
compositional substitution 977/742 Carbon nanotubes, CNTs 977/743 . having specified tube end structure, e.g. close-ended shell or open-ended tube 977/745 . having atoms interior to the carbon cage 977/745 . having a modified surface 977/746 . Modified with biological, organic, or hydrocarbon material 977/747 . Modified with dissimilar atoms or molecules bonded to the surface 977/749 . Modified with dissimilar atoms or molecules substituted for carbon atoms of the cnt, e.g. impurity doping or compositional substitution 977/751 . With specified host or matrix material, e.g. nanocomposite films 977/782 . Possessing nanosized particles, powders, flakes, or clusters other than simple atomic impurity doping 977/781 . Possessing nonosized surface openings that extend partially into or completely through the host material . Possessing nonosized surface openings that extend partially into or completely through the host material . Possessing nanosized physical convexity, ridge, or protrusion extending upward from the host's surface or compositional substitution . Organic host/matrix, e.g. lipid . Organic host/matrix, e.g. lipid . Electrically conducting, semi-conducting, or semi-insulating host material . Possessing nanosized physical convexity, ridge, or protrusion extending upward from the host's surface . Organic host/matrix, e.g. lipid . Electrically insulating host material . Possessing nanosized physical convexity, ridge, or protrusion extending upward from the host's surface . Organic host/matrix, e.g. lipid . Electrically insulating host material . Electrically insulating host material . Possessing nanosized physical convexity, ridge, or protrusion extending upward from the host's surface . Organic host/matrix, e.g. lipid . Fluidic host/matrix containing nanomaterials . Viscous fluid host/matrix containing nanomaterials . Nanosheet or quantum barrier/well, i.e. layer syntamic protein . Lipid la				
977/742 Carbon nanotubes, CNTs 977/743 having specified tube end structure, e.g. close-ended shell or open-ended tube 977/744 having atoms interior to the carbon cage 977/745 having a modified surface 977/746 Modified with biological, organic, or hydrocarbon material 977/747 Modified with a enzyme 977/748 Modified with atoms or molecules bonded to the surface 977/749 Modified with dissimilar atoms or molecules substituted for carbon atoms of the cnt, e.g. impurity doping or compositional substitution 977/75 Single-walled 977/751 with specified chirality and/or electrical conductivity 977/752 Multi-walled 977/753 with polymeric or organic binder 977/755 . Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less 977/756 . Layer containing protein				
977/743 . having specified tube end structure, e.g. close-ended shell or open-ended tube 977/744 . having atoms interior to the carbon cage 977/745 . having a modified surface 977/746 . Modified with biological, organic, or hydrocarbon material 977/747 . Modified with a enzyme 977/748 . Modified with atoms or molecules bonded to the surface 977/749 . Modified with dissimilar atoms or molecules substituted for carbon atoms of the cnt, e.g. impurity doping or compositional substitution 977/751 . Single-walled 977/782 . Single-walled 977/785 . With specified chirality and/or electrical conductivity 977/785 . With polymeric or organic binder 977/785 . Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less 977/785 . Layer containing protein 977/785 . Layer containing protein 977/785 . Layer containing protein 977/792 . Nucleic acid array, e.g. human genome	977/742			•
close-ended shell or open-ended tube 977/744	977/743	· · · · · · · · · · · · · · · · · · ·	9/1///8	
977/744 . having atoms interior to the carbon cage 977/745 . having a modified surface 977/746 Modified with biological, organic, or hydrocarbon material 977/747 Modified with a enzyme 977/748 Modified with atoms or molecules bonded to the surface 977/749 Modified with dissimilar atoms or molecules substituted for carbon atoms of the cnt, e.g. impurity doping or compositional substitution 977/751 . Single-walled 977/752 . Multi-walled 977/753 . with polymeric or organic binder 977/755 . Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less 977/756 . Lipid layer 977/757 . Layer containing protein 977/757 . Layer containing protein 977/757 . Layer containing protein			077/770	-
977/745 having a modified surface 977/746 Modified with biological, organic, or hydrocarbon material 977/747 Modified with a enzyme 977/748 Modified with atoms or molecules bonded to the surface 977/749 Modified with dissimilar atoms or molecules substituted for carbon atoms of the cnt, e.g. impurity doping or compositional substitution 977/75 Single-walled 977/752 Multi-walled 977/753 with specified chirality and/or electrical conductivity 977/755 Multi-walled 977/756 Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less 977/757 . Layer containing protein 977/757 . Layer containing protein	977/744	-	9////9	
977/746 Modified with biological, organic, or hydrocarbon material 977/747 Modified with an enzyme 977/748 Modified with atoms or molecules bonded to the surface 977/749 Modified with dissimilar atoms or molecules substituted for carbon atoms of the cnt, e.g. impurity doping or compositional substitution 977/751 Single-walled 977/752 With specified chirality and/or electrical conductivity 977/753 with polymeric or organic binder 977/754 Multi-walled 977/755 Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less 977/757 Lipid layer 977/757 Lipid layer 977/757 Lipid layer 977/757 Lipid layer 977/757 Layer containing protein	977/745			
hydrocarbon material  977/747 Modified with an enzyme  977/748 Modified with atoms or molecules bonded to the surface  977/749 Modified with dissimilar atoms or molecules substituted for carbon atoms of the cnt, e.g. impurity doping or compositional substitution  977/75 Single-walled  977/751 with specified chirality and/or electrical conductivity  977/752 Multi-walled  977/753 with polymeric or organic binder  977/754 . Dendrimer, i.e. serially branching or "tree-like" structure  977/755 . Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less  977/757 . Layer containing protein  hydrocarbon atoms physical holes  977/781 . Possessing nonosized surface openings that extend partially into or completely through the host material extend partial extend partial extend par		<del>-</del>	077/79	
977/748 Modified with an enzyme 977/748 Modified with atoms or molecules bonded to the surface 977/749 Modified with dissimilar atoms or molecules bonded to the surface 977/749 Modified with dissimilar atoms or molecules substituted for carbon atoms of the cnt, e.g. impurity doping or compositional substitution 977/75 Single-walled 977/751 with specified chirality and/or electrical conductivity 977/752 Multi-walled 977/753 with polymeric or organic binder 977/755 Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less 977/755 Lipid layer 977/757 Lipid layer 977/757 Layer containing protein			911/16	
977/748 Modified with atoms or molecules bonded to the surface  977/749 Modified with dissimilar atoms or molecules substituted for carbon atoms of the cnt, e.g. impurity doping or compositional substitution  977/75 Single-walled  977/751 with specified chirality and/or electrical conductivity  977/752 Multi-walled  977/753 with polymeric or organic binder  977/755 . Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less  977/757 Lipid layer  977/757 . Layer containing protein  977/757 . Layer containing protein  extend partially into or completely through the host material  977/782 Possessing nanosized physical convexity, ridge, or protrusion extending upward from the host's surface  977/783 Organic host/matrix, e.g. lipid  977/784 Electrically conducting, semi-conducting, or semi-insulating host material  977/785 Fluidic host/matrix containing nanomaterials  977/786 Fluidic host/matrix containing nanomaterials  977/787 with polymeric or organic binder  977/787 Viscous fluid host/matrix containing nanomaterials  977/789 in array format  977/790 with heterogeneous nanostructures  977/791 Wicleic acid array, e.g. human genome	977/747	Modified with an enzyme	977/781	* *
to the surface 977/749  Modified with dissimilar atoms or molecules substituted for carbon atoms of the cnt, e.g. impurity doping or compositional substitution 977/75  977/751  Single-walled 977/752  with specified chirality and/or electrical conductivity 977/753  Multi-walled 977/754  with polymeric or organic binder 977/755  977/755  Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less  977/756  977/757  1	977/748		2111101	
molecules substituted for carbon atoms of the cnt, e.g. impurity doping or compositional substitution  977/75  Single-walled  977/751  with specified chirality and/or electrical conductivity  977/752  Multi-walled  977/753  with polymeric or organic binder  977/754  . Dendrimer, i.e. serially branching or "tree-like" structure  977/755  . Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less  977/756  977/757  1 Layer containing protein  molecules substituted for carbon atoms or protrusion extending upward from the host's surface  or protrusion extending upward from the host'matrix, e.g. lipid  or protrusion extending upward from the host/s surface  or protrusion extending upward from the host/matrix, e.g. lipid  or protrusion extending upward from the host/matrix, e.g. lipid  or protrusion extending upward from the host/matrix, e.g. lipid  or protrusion extending upward from the host/matrix, e.g. lipid  or protrusion extending upward from the host/matrix, e.g. lipid  or protrusion extending upward from the host/matrix, e.g. lipid  or protrusion extending upward from the lost/matrix, e.g. lipid  or protrusion extending upward from the lost/matrix, e.g. lipid  or protrusion extending upward from the lost/matrix, e.g. lipid  or protrusion extending upward from the lost/matrix, e.g. lipid  or protrusion extending post material  or pr		to the surface		
molecules substituted for carbon atoms of the cnt, e.g. impurity doping or compositional substitution  977/75	977/749	Modified with dissimilar atoms or	977/782	Possessing nanosized physical convexity, ridge,
compositional substitution  977/753  Single-walled  977/751  with specified chirality and/or electrical conductivity  977/752  Multi-walled  977/785  977/753  with polymeric or organic binder  977/754  Dendrimer, i.e. serially branching or "tree-like" structure  977/755  Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less  977/756  977/757  Layer containing protein  Composition  977/783  Delectrically conducting, semi-conducting, or semi-insulating host material  977/785  Electrically insulating host material  Fluidic host/matrix containing nanomaterials  Fluidic host/matrix containing nanomaterials  977/787  Of specified organic or carbon-based composition  977/789  in array format  977/790  with heterogeneous nanostructures  977/791  Aver containing protein				or protrusion extending upward from the host's
977/751 Single-walled 977/784 Electrically conducting, semi-conducting, or semi-insulating host material conductivity 977/785 Multi-walled 977/786 Electrically insulating host material 977/787 With polymeric or organic binder 977/786 With polymeric or organic binder 977/787 With polymeric or organic binder 977/787 Viscous fluid host/matrix containing nanomaterials 977/787 Viscous fluid host/matrix containing nanomaterials 977/788 Of specified organic or carbon-based composition 977/785 Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less 977/791 with heterogeneous nanostructures 977/792 Molecular array 977/792 Nucleic acid array, e.g. human genome				surface
977/751 with specified chirality and/or electrical conductivity 977/752 Multi-walled 977/753 with polymeric or organic binder 977/754 Dendrimer, i.e. serially branching or "tree-like" structure 977/755 Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less 977/756 977/757  977/757  Layer containing nand/or electrical semi-insulating host material 977/785 Electrically insulating host material Fluidic host/matrix containing nanomaterials Viscous fluid host/matrix containing nanomaterials Of specified organic or carbon-based composition in array format with heterogeneous nanostructures 977/791 Molecular array 977/792 Nucleic acid array, e.g. human genome			977/783	Organic host/matrix, e.g. lipid
conductivity 977/752 Multi-walled 977/785 With polymeric or organic binder 977/754 Dendrimer, i.e. serially branching or "tree-like" structure 977/755 Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less 977/757 Lipid layer 977/757  Layer containing protein 977/757  Layer containing protein 977/757  Electrically insulating host material Fluidic host/matrix containing nanomaterials Viscous fluid host/matrix containing nanomaterials Of specified organic or carbon-based composition in array format with heterogeneous nanostructures 977/791 Molecular array 977/792 Nucleic acid array, e.g. human genome			977/784	Electrically conducting, semi-conducting, or
977/752 Multi-walled 977/786 Fluidic host/matrix containing nanomaterials 977/787 with polymeric or organic binder 977/787 Viscous fluid host/matrix containing nanomaterials 977/787 Viscous fluid host/matrix containing nanomaterials structure 977/788 Of specified organic or carbon-based composition 977/755 Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less 977/791 with heterogeneous nanostructures 977/791 Molecular array 977/792 Nucleic acid array, e.g. human genome	977/751	The state of the s		semi-insulating host material
977/753 with polymeric or organic binder 977/754 Dendrimer, i.e. serially branching or "tree-like" structure 977/755 . Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less 977/756 Lipid layer 977/757 Layer containing protein 977/757 With polymeric or organic binder 977/787 Viscous fluid host/matrix containing nanomaterials 977/788 Of specified organic or carbon-based composition 977/789 in array format 977/790 with heterogeneous nanostructures 977/791 Molecular array 977/792 Nucleic acid array, e.g. human genome			977/785	Electrically insulating host material
977/754 . Dendrimer, i.e. serially branching or "tree-like" structure  977/755 . Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less  977/756 . Lipid layer  977/757 . Layer containing protein  977/757 . Layer containing protein  977/757 . Dendrimer, i.e. serially branching or "tree-like" nanomaterials  977/788 . Of specified organic or carbon-based composition  977/789 in array format  977/791 with heterogeneous nanostructures  977/791 Molecular array  977/792 Nucleic acid array, e.g. human genome			977/786	Fluidic host/matrix containing nanomaterials
structure 977/755  Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less 977/756  Layer containing protein  977/757  Structure having one dimension or thickness of 100 nm or less 977/757  Layer containing protein  977/757  Of specified organic or carbon-based composition 977/789  Sin array format  Specified organic or carbon-based composition 977/789  Sin array format  Specified organic or carbon-based composition 977/789  Sin array format  Specified organic or carbon-based composition 977/789  Sin array format  Specified organic or carbon-based composition 977/789  Sin array format  Specified organic or carbon-based composition 977/789  Specified organic or carbon-based composition 977/789  Specified organic or carbon-based composition 977/789  Specified organic or carbon-based composition 977/790  Specified organic or carbon-based composition			977/787	Viscous fluid host/matrix containing
977/755  Nanosheet or quantum barrier/well, i.e. layer structure having one dimension or thickness of 100 nm or less  977/756  Layer containing protein  100 nm or less  977/757  Layer containing protein	977/754	•		
structure having one dimension or thickness of 100 nm or less  977/75  100 nm or less  977/79  100 nm or less  977/79  100 nm or less  977/79  100 nm or less  977/79  977/79  100 nm or less	075/55		977/788	
100 nm or less 977/791 Molecular array 977/756 Lipid layer 977/757 Layer containing protein	977/755		977/789	
977/756 Lipid layer 977/757 Molecular array 977/792 Nucleic acid array, e.g. human genome			977/79	
977/757 Layer containing protein	077/754			
array		* *	977/792	Nucleic acid array, e.g. human genome
	1111131	· · · · Layer containing protein		array

Nanotechnology Y10S

977/793	Protein array	977/834	Optical properties of nanomaterial, e.g.
977/794	Chemical library array		specified transparency, opacity, or index of
977/795	Composed of biological material		refraction
977/796	for electrical or electronic purpose	977/835	Chemical or nuclear reactivity/stability
977/797	Lipid particle		of composition or compound forming
977/798	having internalized material		nanomaterial
977/799	Containing biological material	977/836	having biological reactive capability
977/80	Nucleic acid, e.g. DNA or RNA	977/837	Piezoelectric property of nanomaterial
977/801	Drug	977/838	Magnetic property of nanomaterial
977/802	Virus-based particle	977/839	<ul> <li>Mathematical algorithms, e.g. computer software,</li> </ul>
977/803	Containing biological material in its interior		specifically adapted for modeling configurations or
977/804	Containing nucleic acid		properties of nanostructure
977/804	Containing drug	977/84	<ul> <li>Manufacture, treatment, or detection of</li> </ul>
977/805	with exterior chemical attachment		nanostructure
977/800		977/841	Environmental containment or disposal of
	Exterior attachment for detection		nanostructure material
977/808	Exterior attachment for targeting, e.g. drug	977/842	<ul> <li>for carbon nanotubes or fullerenes</li> </ul>
077/900	targeting	977/843	Gas phase catalytic growth, i.e. chemical vapor
977/809	Organic film on silicon		deposition
977/81	. Of specified metal or metal alloy composition	977/844	Growth by vaporization or dissociation of
977/811	Of specified metal oxide composition, e.g.		carbon source using a high-energy heat source,
	conducting or semiconducting compositions such		e.g. electric arc, laser, plasma, e-beam
077/010	as ITO, ZnOx	977/845	Purification or separation of fullerenes or
977/812	Perovskites and superconducting composition,		nanotubes
077/012	e.g. BaxSr1-xTiO3	977/846	internal modifications, e.g. filling, endohedral
977/813	. Of specified inorganic semiconductor		modifications
	composition, e.g. periodic table group IV-VI	977/847	• • • Surface modifications, e.g. functionalization,
077/01/	compositions		coating
977/814	Group IV based elements and compounds, e.g.	977/848	Tube end modifications, e.g. capping, joining,
077/015	CxSiyGez, porous silicon		splicing
977/815	Group III-V based compounds, e.g.	977/849	• • with scanning probe
077/016	AlaGabIncNxPyAsz	977/85	Scanning probe control process
977/816	III-N based compounds, e.g. AlxGayInzN	977/851	Particular movement or positioning of
977/817	High-indium-content InGaN pooling or		scanning tip
077/010	clusters	977/852	for detection of specific nanostructure sample
977/818	III-P based compounds, e.g. AlxGayIn2P		or nanostructure-related property
977/819	III-As based compounds, e.g. AlxGayInzAs	977/853	Biological sample
977/82	III-Sb based compounds, e.g. AlxGayInzSb	977/854	Semiconductor sample
977/821	Mixed group V compounds, e.g. III-NxPy	977/855	for manufacture of nanostructure
977/822	Boron-containing compounds	977/856	including etching/cutting
977/823	Tl-containing or Bi-containing compounds	977/857	including coating
977/824	Group II-VI nonoxide compounds, e.g.	977/858	including positioning/mounting
	CdxMnyTe		nanostructure
977/825	Heterojunction formed between semiconductor	977/859	including substrate treatment
	materials that differ in that they belong to	977/86	Scanning probe structure
077/00 <	different periodic table groups	977/861	Scanning tunneling probe
977/826	Nonstoichiometric semiconductor compounds,	977/862	Near-field probe
077/007	e.g. IIIxVy; x does not equal y	977/863	Atomic force probe
977/827	formed from hybrid organic/inorganic	977/864	Electrostatic force probe
077/020	semiconductor compositions	977/865	Magnetic force probe
977/828	Biological composition interconnected with	977/866	Scanning capacitance probe
077/920	inorganic material	977/867	Scanning thermal probe
977/829	Organic or biological core coated with	977/868	with optical means
077/92	inorganic shell	977/869	Optical microscope
977/83	<ul> <li>Inorganic core or cluster coated with organic or biological shell</li> </ul>	977/87	Optical increscope Optical lever arm for reflecting light
077/921	<del>-</del>	977/871	with environmental regulation means
977/831	<ul> <li>Of specified ceramic or electrically insulating compositions</li> </ul>	977/872	Positioner
077/022	-		
977/832	<ul> <li>having specified property, e.g. lattice-constant, thermal expansion coefficient</li> </ul>	977/873	Probe tip array
977/833		977/874	Probe tip array
711/033	thermally conducting/insulating or exhibiting	977/875	with tip detail
	peltier or seebeck effect	977/876	Nanotube tip
	political of socoock effect	977/877	Chemically functionalized
		977/878	Shape/taper

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977/879	Material	977/932	for electronic or optoelectronic application
977/88	• • with arrangement, process, or apparatus for	977/933	Spintronics or quantum computing
	testing	977/934	Giant magnetoresistance, GMR
977/881	Microscopy or spectroscopy, e.g. sem, tem	977/935	Spin dependent tunnel, SDT, junction, e.g.
977/882	Assembling of separate components, e.g. by		tunneling magnetoresistance, TMR
077/002	attaching	977/936	in a transistor or 3-terminal device
977/883	Fluidic self-assembly, FSA	977/937	Single electron transistor
977/884	Assembled via biorecognition entity	977/938	Field effect transistors, FETS, with
977/885	Via nucleic acid hybridization	0.77/0.00	nanowire- or nanotube-channel region
977/886	Via protein recognition	977/939	Electron emitter, e.g. spindt emitter tip coated
977/887	. Nanoimprint lithography, i.e. nanostamp	077/04	with nanoparticles
977/888	Shaping or removal of materials, e.g. etching	977/94	in a logic circuit
977/889	by laser ablation	977/941	including dna logic element
977/89	• Deposition of materials, e.g. coating, cvd, or ald	977/942	including protein logic element
977/891	Vapor phase deposition	977/943	Information storage or retrieval using nanostructure
977/892	Liquid phase deposition	977/944	Biochemical memory
977/893	Deposition in pores, molding, with subsequent removal of mold	977/945	Protein memory
977/894		977/946	Nucleic acid memory
	. having step or means utilizing biological growth	977/947	with scanning probe instrument
977/895	. having step or means utilizing chemical property	977/948	Energy storage/generating using nanostructure,
977/896	Chemical synthesis, e.g. chemical bonding or breaking	911/940	e.g. fuel cell, battery
977/897	Polymerization	977/949	Radiation emitter using nanostructure
977/898	Enzymatic	977/95	Electromagnetic energy
977/899	Electrolytic	977/951	Laser
977/90	having step or means utilizing mechanical or	977/952	Display
977/90	thermal property, e.g. pressure, heat	977/953	Display Detector using nanostructure
977/901	having step or means utilizing electromagnetic	977/954	Of radiant energy
711/701	property, e.g. optical, x-ray, electron beamm	977/955	Of thermal property
977/902	• Specified use of nanostructure	977/956	Of mechanical property
977/903	• • for conversion, containment, or destruction of	977/957	Of the channel property Of chemical property or presence
2111203	hazardous material	977/958	Of biomolecule property
977/904	• • for medical, immunological, body treatment, or	977/959	Of disease state
	diagnosis	977/96	Of magnetic property
977/905	Specially adapted for travel through blood	977/961	for textile or fabric treatment
	circulatory system	977/962	for carrying or transporting
977/906	Drug delivery	977/963	Miscellaneous
977/907	Liposome	211/203	· Miscertaireous
977/908	Mechanical repair performed/surgical		
977/909	Obstruction removal		
977/91	Strengthening cell or tissue		
977/911	Cancer cell destruction		
977/912	Cancer cell repair		
977/913	Stem cell therapy implantation		
977/914	Protein engineering		
977/915	Therapeutic or pharmaceutical composition		
977/916	Gene therapy		
977/917	Vaccine		
977/918	Immunological		
977/919	Dental		
977/92	Detection of biochemical		
977/921	Of toxic chemical		
977/922	• • • Of explosive material		
977/923	Cell culture		
977/924	• • using nanostructure as support of dna analysis		
977/925	Bioelectrical		
977/926	Topical chemical, e.g. cosmetic or sunscreen		
977/927	Diagnostic contrast agent		
977/928	X-ray agent		
977/929	Ultrasound contrast agent		
977/93	MRI contrast agent		
977/931	Medical device coating		