EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 580

DATE: JANUARY 1, 2019

PROJECT RP0538

The following classification changes will be effected by this Notice of Changes:

Action	Subclass	Group(s)
SCHEME:		
Titles Changed:	G06T	3/00
	G06T	5/00
	G06T	9/00
DEFINITIONS:		
Definitions Modified:	G06T	1/20
	G06T	3/00
	G06T	5/00
	G06T	7/00
	G06T	9/00

No other subclasses/groups are impacted by this Notice of Changes.

This Notice of Changes includes the following *[Check the ones included]:*

1. CLASSIFICATION SCHEME CHANGES

    ☒ A. New, Modified or Deleted Group(s)

    ☐ B. New, Modified or Deleted Warning(s)

    ☐ C. New, Modified or Deleted Note(s)

    ☐ D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

    ☐ A. New or Modified Definitions (Full definition template)

    ☒ B. Modified or Deleted Definitions (Definitions Quick Fix)

3. ☐ REVISION CONCORDANCE LIST (RCL)

4. ☐ CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

5. ☐ CHANGES TO THE CROSS-REFERENCE LIST (CRL)

1. CLASSIFICATION SCHEME CHANGES

   A. New, Modified or Deleted Group(s)

G06T - IMAGE DATA PROCESSING OR GENERATION, IN GENERAL

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title (new or modified) "CPC only" text should normally be enclosed in {curly brackets}**	Transferred to#
M	G06T 3/00	0	Geometric image transformation in the plane of the image	
M	G06T 5/00	0	Image enhancement or restoration	
M	G06T 9/00	0	Image coding (bandwidth or redundancy reduction for static pictures H04N 1/41; coding or decoding of static colour picture signals H04N 1/64; methods or arrangements for coding, decoding, compressing or decompressing digital video signals H04N 19/00)	

*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; E= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

NOTES:
- **No {curly brackets} are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The {curly brackets} are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- For U groups, the minimum requirement is to include the U group located immediately prior to the N group or N group array, in order to show the N group hierarchy and improve the readability and understanding of the scheme. Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types except "D" which requires only a symbol.
- #"Transferred to" column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the "Transferred to" column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: "< administrative transfer to XX>" or "<administrative transfer to XX and YY simultaneously>" when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be "invention information", unless otherwise indicated, and to 2000 series groups is assumed to be "additional information".

2. B. DEFINITIONS QUICK FIX

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
G06T 1/20	Glossary of terms	Multiprocessor: processor arrangements comprising a computer network consisting of two or more processors for the simultaneous execution of two or more programs or sequences of instructions.	**Replace:** The word "network" with the word "system" in the existing Glossary of terms table row so that the row reads as follows: Multiprocessor: processor arrangements comprising a computer system consisting of two or more processors for the simultaneous execution of two or more programs or sequences of instructions.
G06T 3/00	Limiting references	Geometric transformations for image enhancements G06T 5/00 Geometric effects for 3D image rendering G06T 15/10 Perspective computation for 3D image rendering G06T 15/20 Matrix or vector computation G06F 17/16 Conversion of standard for television systems H04N 7/01	**Delete**: The entire existing Limiting references section.
G06T 3/00	Informative references	Image animations G06T 13/00 Geographic models G06T 17/05	**Insert:** The following five new rows into the Informative references table: Geometric transformations for image enhancements G06T 5/00 Geometric effects for 3D image rendering G06T 15/10 Perspective computation for 3D image rendering G06T 15/20 Matrix or vector computation G06F 17/16 Conversion of standard for television systems H04N 7/01

G06T 5/00	Limiting references	Image processing adapted to be used in scanners, printers, photocopying machines, displays or similar devices, including colour space conversion, colour space processing, halftoning or halftone screening H04N 1/387 - H04N 1/64 Image processing exclusively adapted to be used in an image pickup device containing an electronic image sensor [EIS] or in studio devices or equipment H04N 5/217 - H04N 5/367	**Delete:** The entire Limiting references section.
G06T 5/00	Informative references	Multi-scale pyramids for image enhancement (documents classified before 2005) G06T 5/00 Neural networks [ANN], fuzzy logic, genetic algorithms, artificial intelligence [AI], e.g. expert systems for image enhancement (documents classified before 2005) G06T 5/00 Image preprocessing for pattern recognition G06K 9/36 - G06K 9/58 Neural networks in general G06N	**Insert:** The following two new rows in the Informative references table: Image processing adapted to be used in scanners, printers, photocopying machines, displays or similar devices, including colour space conversion, colour space processing, halftoning or halftone screening H04N 1/387 - H04N 1/64 Image processing exclusively adapted to be used in an image pickup device containing an electronic image sensor [EIS] or in studio devices or equipment H04N 5/217 - H04N 5/367
G06T 5/00	Special rules of classification	Fig. 6 from US5553159 A (applicant Fuji Photo Film Co Ltd) Fig. 4 from US2005265633 A1 (applicant Sarnoff Corp.):	**Delete:** The following Patent Document Information from above the Illustrative examples in the Special rules of classification section: Fig. 6 from US5553159 A (applicant Fuji Photo Film Co Ltd) Fig. 4 from US2005265633 A1 (applicant Sarnoff Corp.):

G06T 7/00	Application-oriented references	Methods or arrangements for reading or recognising printed or written characters or for recognising patterns, e.g. scene recognition, handwriting recognition, optical character recognition, document recognition, face recognition, biometric identification G06K9/00	**Replace:** The text in the following Application-oriented references table row so that the row reads as follows: Methods or arrangements for reading or recognising printed or written characters or for recognising patterns G06K 9/00
G06T 7/00	Informative references	Medical informatics G06F19/30	**Replace:** The symbol in the following Informative references table row so that the row reads as follows: Medical informatics G16H
G06T 7/00	Glossary of terms	Stereo: Treatment of two images, e.g. from two cameras or a single camera that is displaced, in a pairwise manner	**Insert:** The following two new terms into the Glossary of terms section: Feature: a significant image region or pixel with certain characteristics, for example a feature point, landmark, edge, corner or blob, typically determined by image operators. Image analysis: the extraction of information from images through the use of image processing techniques acting upon image data, such as intensity, colour, motion and spatial frequency characteristics.
G06T 9/00	Limiting references	Model based coding, e.g. using a 3D model or shape/contour coding H04N 19/20	**Delete:** The following row from the Limiting references table: Model based coding, e.g. using a 3D model or shape/contour coding H04N 19/20
G06T 9/00	Special Rules of classification	In general, consult the gérant before using any sub-groups. This is a provisionary document which will be replaced in J nuary, 2012, after completing reorganization in G06T 9/00.	**Replace:** The misspelled word "J nuary" in the Special Rules of classification section with "January".

NOTES:
- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.