UNITED STATES PATENT AND TRADEMARK OFFICE



Artificial Intelligence (AI) Policy

Coke Stewart

Senior Counsel to the Director, *Performing the Functions and Duties of the Deputy Under Secretary of Commerce for IP and Deputy Director of the USPTO*

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Patent Public Advisory Committee quarterly meeting



USPTO AI webpage



"The broad scope of new products and services that build on AI technologies suggests that AI has the potential to fundamentally change how people perceive the world around them and live their daily lives. This is the essence of technological progress, and realizing these changes happens through innovation." —<u>Inventing AI: Tracing the diffusion of artificial intelligence with U.S. patents</u>



Engagement

Browse USPTO leadership's speeches, blogs, and events about AI and learn more about our approach.

> View past engagements



Reports

Find our reports, Federal Register Notices (FRNs), and other important USPTO actions concerning AI policy.

> View reports and notices



Resources

Discover other resources for AI and learn about cross-government goals shared by other federal entities.

> AI resources and goals



Leading the way in the IP economy



USPTO report on the diffusion of AI across technologies, organizations, inventor-patentees, and U.S. regions



and Intellectual Property Policy

Direct Link

www.uspto.gov/initiatives/ artificial-intelligence

USPTO AI webpage update

Artificial Intelligence Resources



Find a collection of resources devoted to shaping the Administration's and federal government's approach to artificial intelligence (AI).

USPTO engages with the following

- Administrative Conference of the United States (ACUS)
 - Charged with convening expert representatives from the public and private sectors to recommend improvements to administrative process and
 procedure. The Office of the Chairman of the Administrative Conference is exploring the growing role that AI, such as machine learning and
 related techniques, is playing in federal agency adjudication, rulemaking, and other regulatory activities.
- IP5 New Emerging Technologies and Artificial Intelligence Task Force (IP5 NET/AI TF)
 - Coordinates IP5 initiatives and is developing a roadmap for possible joint projects in these areas among the IP5 member offices.
- National Science and Technology Council, Machine Learning and Artificial Intelligence Subcommittee (MLAI)
 - The interagency group oversees AI coordination among federal agencies. The USPTO actively participates in the MLAI to ensure intellectual
 property equities are accounted for during interagency discussions.
- - An independent commission stood up by Congress to "consider the methods and means necessary to advance the development of artificial intelligence, machine learning, and associated technologies by the United States to comprehensively address the national security and defense needs of the United States."
- <u>US-UK Artificial Intelligence R&D Collaboration</u>

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 - A working group comprised of representatives from agencies within the United States and the United Kingdom. The goal of this group is to
 oversee the initial implementation of the signed agreement between the US and the UK, including identifying and defining specific topic areas
 for R&D collaboration.

Al Policy Developments

- Administrative Conference of the United States (ACUS) published <u>statement on government</u> <u>agency use of AI</u>
- National Security Commission on Artificial Intelligence (NSCAI) issued several reports, including its <u>DRAFT final report</u>
 - The final report will contain a chapter devoted to intellectual property (expected to be approved on March 1, 2021)

White House Science/Al Developments

- Office of Science and Technology Policy (OSTP) (1976)—Director elevated to cabinet level official (2021)
- President's Council of Advisors on Science and Technology (PCAST) (1990)—EO (2021)
- National Science and Technology Council (NSTC) (1993)
- NSTC/OSTP expected to continue work on Al/machine learning policy
- National Al Advisory Committee (2020 -> 2022)

Thank you!

We welcome any questions or comments at this time.



Thank you!

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Senior Counsel to the Director, Performing the Functions and Duties of the Deputy Under Secretary of Commerce for IP and Deputy Director of the USPTO

Coke.Stewart@uspto.gov

(571) 272-8600

www.uspto.gov