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Artificial intelligence (AI) tools for patents at the USPTO

Matthew Such
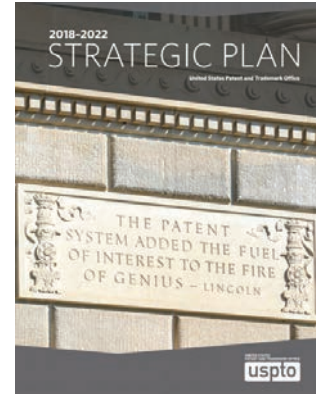Group Director, Technology Center 2800
March 24, 2021

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Artificial intelligence strategy

- 2018-2022 USPTO Strategic Plan:
  - Optimize development and delivery of information technology tools, including artificial intelligence and machine learning, for internal users of patent systems to ensure that they have the tools they need for a thorough search and examination.*
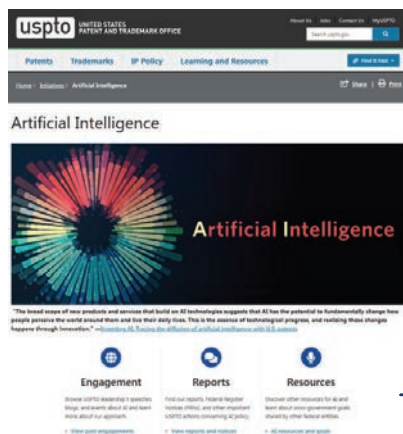
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* Goal I: Optimize patent quality and timeliness; Objective 3: Foster innovation through business effectiveness

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USPTO AI landing page

www.uspto.gov/initiatives/
artificial-intelligence

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Recent AI policy developments

- Administrative Conference of the United States (ACUS) published a [statement on government agency use of AI](#)
  - Identifies issues agencies should consider when adopting or modifying AI systems

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AI priorities for patents

- Patent search
  - AI search prototype tool
  - Exploring image search
- Patent classification
  - Cooperative Patent Classification (CPC) symbols
  - Indicators for claimed subject matter

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Title search: Artificial Intelligence (AI) Tools for Patents at the USPTO

Also available as part of the eCourse
[Update from the USPTO: Priorities, Programs, and Initiatives in 2021](#)

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16th Annual Advanced Patent Law Institute session
"AI Tools for Patents at the USPTO"