

**UNITED STATES
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Artificial intelligence for patents

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AI for enhanced search

- Prototype under development for providing AI functionality to assist examiners with patent search
- Targeted as a loosely coupled integration with PE2E Search tool
- Data driven approach for evaluating output
 - Exposing the prototype to examiners in the User Centered Design Council (UCDC) for feedback on workflow and performance
 - Refinement of key performance indicators and metrics

CPC auto-classification

- Tool establishes full CPC classification and claim designations (C*)
- Data driven approach for evaluating output
 - Some examples where tool appears to produce output closer to classification picture
 - Some examples where tool appears to produce output divergent from classification picture
 - Intellectual validation underway to investigate further
 - Refinement of key performance indicators and metrics



Thank you!

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