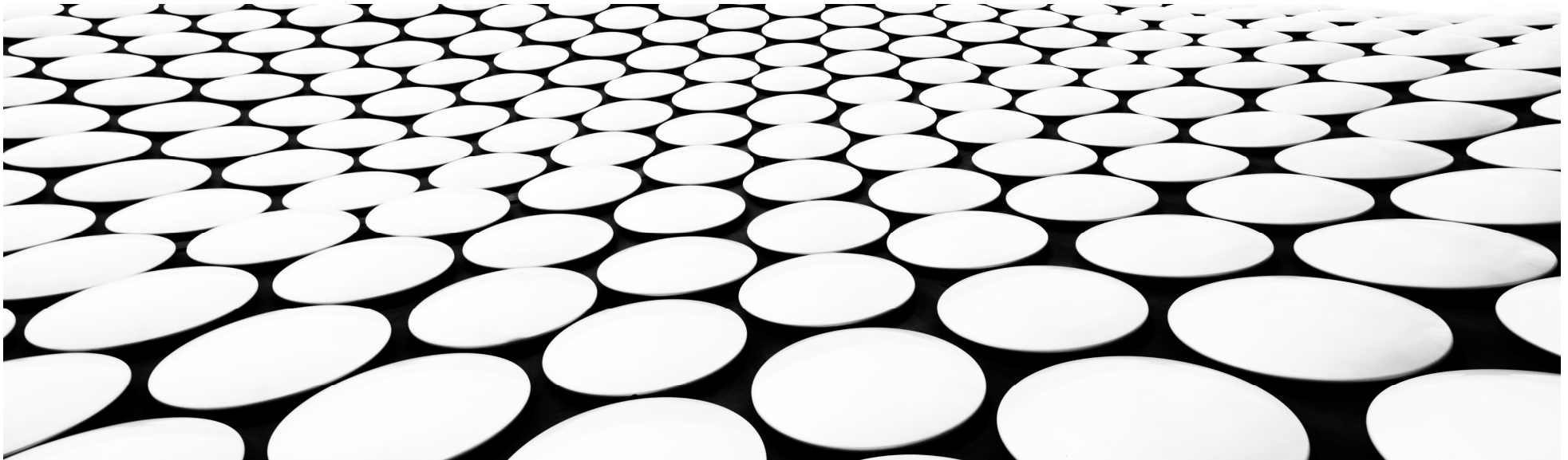


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# ARTIFICIAL INTELLIGENCE: In Patent Preparation & Prosecution

UTAH BAR IP SECTION 2020



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## OBJECTIVE

- Examine the “State of the Art”
- Dispel Myths and Misconceptions
- Identify where Practitioners and Tool fit together

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# AGENDA

- Introductions
- Share A Taste Of What's Available
- Level Set On AI
- Discuss AI in Three Contexts:
  - Prior art research
  - Prosecution strategy and analytics
  - Patent application and office action response drafting
- Q&A
- Other Areas to Think About

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## LEVEL SET ON AI

Artificial Intelligence - Machine learning - "Machines performing intelligent behavior"

- General artificial intelligence - behavior indistinguishable from human behavior. – THIS IS SCI-FI
- Specific implementations of AI – Machines performing intelligent behavior – THIS IS HERE TODAY
  - Very specific activities that were done by people that machines can now do.
  - Automation and Tools
- Search and Analytics
  - Supervised - inputs and outputs are provided and the machine determines the relations between the two.
  - Unsupervised - infer structure from unlabeled data.

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## RESOURCES

- AI and the Law – BlueJ Legal - <https://www.bluejlegal.com/blog/exploring-artificial-intelligence-and-the-law>
- Patent Practice 3.0 – Ian Schick - Link: <https://blog.specif.io/2020/01/30/aipia-mid-winter-institute-2020-presentation/>

### Authoring

- TurboPatent.com; PatentPal.com; CognitionIP.com; Specifio.io; LexisNexis PatentOptimizer; Patentbots.com;
- Patentclaimmaster.com

### Patent Search

- IP.com; XLPat.com; NLPatents.com

### Patent Analytics

- Patinformatics; LexisNexis PatentAdvisor; AnticiPat; BigPatentData (Chad)
- Thepatentbox.com

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## OTHER AREAS TO CONSIDER

- Skepticism – Quality vs Speed – Automation
  - When to adopt? When the tools are perfect?
  - Can I use them to augment my current process?
- Build your own Solution vs. Buying a commercial Solution
- My Situation is Different – these solutions don't address my practice area
- ROI
  - Will your investment pay off?
- Corporate In-house –win-win arrangement
  - Decision making process
  - Benefits of the investment
  - Who pays for the tools – in house, outside counsel?