Artificial Intelligence

Banner Witcoff is one of the pioneers of patents directed to artificial intelligence, machine learning, neural networks, and related topics. We have successfully prosecuted hundreds of patent applications directed to virtually every aspect of AI: from improvements to the way neural networks operate to unique implementations of machine learning models in other technology fields.

Many of our attorneys and technical specialists have formal training in AI/ML programming, development and implementation. Our attorneys routinely speak with USPTO patent examiners regarding the latest positions of the Office on AI-related subject matter eligibility, so we have a high allowance rate for AI-related inventions.

Banner Witcoff has obtained hundreds of patents directed to artificial intelligence, machine learning, neural networks, and related topics, including, as just a few examples:

- Patent applications relating to the interplay between natural language processing and machine learning;
- Patent applications that use machine learning to detect cyber-attacks, financial fraud, and other hard-to-detect events;
- Patent applications which improve the underlying functionality of neural networks, such as the process with which neural network nodes are trained and connections are weighted/re-weighted; and
- Patent applications which use artificial intelligence as one part of a broader system (e.g., such that machine learning concepts are explored in dependent claims).

Our attorneys and technology specialists have a deep technical understanding of today's AI innovations, enabling them to work directly and efficiently with our clients' engineers and programmers. The world of AI is constantly changing and Banner Witcoff is at the forefront of these advancing technologies where they intersect with IP strategy.

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Kirk Sigmon Addresses Copyright Registration of Works Created with AI and Machine Learning

Kirk Sigmon created this checklist for LexisNexis Practical Guidance to assess whether work containing AI/ML-generated content qualifies for copyright protection.

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