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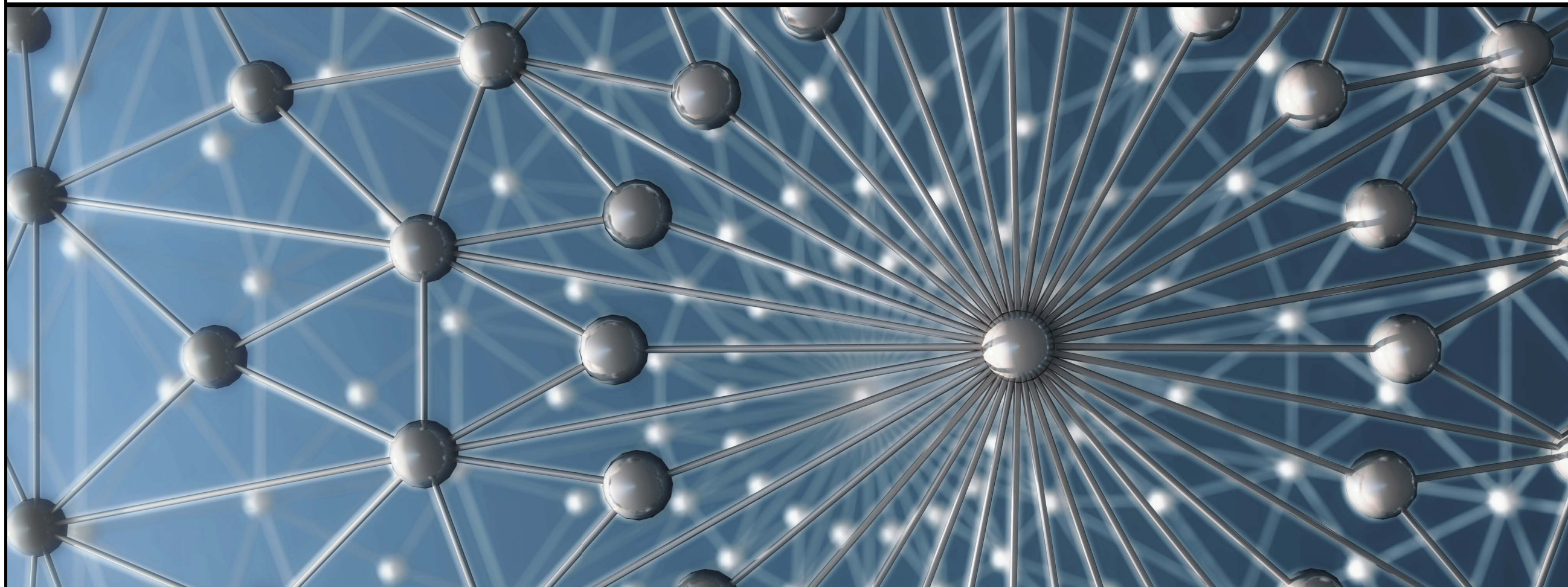
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**The Materials Patents Group**



[www.McNeesLaw.com](http://www.McNeesLaw.com)







Materials science is an expanding and dynamic field covering wide-ranging and diverse technological disciplines. Brilliant scientists and engineers invent the future on a daily basis through incredible innovations, forming and designing new materials and inventing exciting new uses for existing materials.

Our team of patent practitioners has extensive experience in this area. We assist inventors, investors, executives, and in-house counsel in developing, managing, and profiting from materials innovations. We advise our clients with regard to the specific considerations for many technologies, including metals, alloys, composites, polymers, ceramics, and coating systems. In addition, our team addresses the difficult legal issues specific to materials intellectual property protection, including claiming compositions of matter, such as alloy compositions, polymeric materials, and more; materials technology searching, targeting analogous and non-analogous art distinctions; maximizing examples in patent specification drafting; and resolving trademarking and branding issues for materials. Our dedicated team is an excellent resource for these materials-specific issues and can provide guidance in navigating this difficult and complicated field.

Our contributors are developing resources to aid inventors, investors, executives, and in-house counsel in developing, managing, and profiting from materials innovation. We are currently developing resources directed to the following issues:

- Issues of claiming compositions of matter (e.g., alloy composition, polymeric materials, etc.)
- Materials technology searching
- Targeting analogous/non-analogous art distinctions
- Maximizing examples in specification drafting
- Using various analytical techniques for the patent process (AES, EIS, SEM, TEM, NMR, MS, Raman)
- Dealing with trademarking/branding issues for materials
- Navigating international patent practice
- Patent vs. trade secret decision
- Monitoring your competitors and collaborators
- Monetizing and licensing patents
- Collaboration and inventorship
- Cost-effective management of international dockets
- Responding to allegations of infringement or lawsuits
- Creating an effective program for third party submissions
- Finding licensing opportunities (e.g., Federal Register, technology/university clearinghouse, etc.)

## Materials Patents Attorneys



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Andrew practices in the Intellectual Property Group and Patent Division where his practice includes intellectual property and technology law with a focus on the preparation and prosecution of applications in the chemical area. He worked for nearly 6 years as a Patent Examiner with the United States Patent and Trademark Office, attaining the position of Primary Examiner. While at the Office, Andrew examined chemical patent applications, including applications relating to metallurgy and coatings.

During his time at Drexel University, Andrew participated in many years of cooperative educational experience as a chemical engineer. The experience included work in development/manufacture of fuel cell catalyst, petrochemical refining operations, and development/manufacture of hydrated silica for use in dentifrice applications.



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Diane practices in the area of intellectual property law, with a combined focus on intellectual property transactions, the preparation and prosecution of patent cases, and clearance and registration of trademarks. Though her technical background is in biotechnology, Diane's patent practice also includes nanotechnology, chemical, medical device, and consumer product portfolios. Over her 20 years of practice, Diane has overseen several large patent and trademark portfolios, working extensively with associates at law firms around the world on all aspects of intellectual property management.



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Shawn practices in the Intellectual Property, Patent Division, and International Law Groups. His practice includes all aspects of intellectual property law, with a focus on litigation and counseling. Shawn assists clients in asserting and defending charges of patent, copyright, and trademark infringement in federal courts across the United States and in related mediation proceedings.



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David practices as an associate in the Intellectual Property Group and Patent Division in the Columbus, Ohio office. He assists with the preparation and prosecution of U.S. and foreign patent applications for a variety of technologies. David also assists with the preparation of legal opinions including freedom-to-operate opinions as well as patent non-infringement and invalidity opinions. David has a broad scientific background in the chemical field, including experience in catalysis, inorganic chemistry, organic chemistry, and analytical chemistry.



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Kraig practices in the Patent Division of the Intellectual Property Group as a patent agent in preparation and prosecution of patent applications. He has patent experience in a wide range of technical fields in the chemical, biotech, mechanical, and electrical arts. Kraig has worked with many individual inventors as well as small, mid-size, and large companies. He has experience in all stages of patent prosecution, including meeting with clients and inventors to obtain invention disclosures, drafting and filing patent applications, drafting and filing office action responses, conducting telephone interviews with USPTO Patent Examiners, corresponding with foreign agents to provide instructions for foreign patent prosecution, conducting patentability searching, and aiding in infringement analysis.