HUSCH BLACKWELL



Alyssa Marie Sanchez

PATENT ENGINEER

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OVERVIEW

With a passion for innovation, Alyssa assists clients with patent prosecution matters.

Expecting to pursue a career in healthcare, Alyssa studied biomedical engineering but soon realized her true interest lay not in medicine but in technology and innovation. She loves the idea of building for the future and sees technology as a truly people-driven field, with an emphasis on improving quality of life. Alyssa also adores the way new inventions foster others: she likes to observe that every time technology reaches a ceiling, the ceiling turns out instead to be a foundation that new innovations are built on.

Thanks to an equal interest in legal theory, Alyssa pursued a career as a patent engineer, assisting clients in the technology, manufacturing, and transportation industries with patent prosecution. Her role includes drafting patent applications, responding to USPTO actions, performing freedom to operate and landscape searches, and providing support for guiding clients' patent strategy.

Alyssa has experience across multiple industries, with many patent applications relating to electrical, mechanical, and biomedical innovations. She has particular experience in control systems and software that includes implementing the Internet of Things (IoT) and radio frequency identification (RFID) technology. She also supports clients in the software as a service (SaaS) sector by conducting Open-Source Software (OSS) reviews to verify license compliance. In addition, from her working and educational background as an engineer, Alyssa is knowledgeable of the medical device and pharmaceutical industries and is broadly knowledgeable in material science.

Industries

Technology
Manufacturing
Transportation

Services

Intellectual Property
Internet of Things
Patent Preparation & Prosecution
Software Development & Licensing

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Prior to joining Husch Blackwell, Alyssa served as a validation engineer and consultant for a pharmaceutical company where she was tasked with automating manufacturing processes for pharmaceutical production. Her time in consulting encouraged the enthusiasm Alyssa continues to display for each individual client project, and her experience developing and advancing production processes and supporting R&D teams gave her a solid understanding of the challenges clients face. Alyssa knows firsthand the importance of protecting clients' innovations, and with a reputation as the team motivator, she's always determined to get new technology to where it needs to be.

Experience

- Drafts patent applications and responds to office actions.
- As engineer, automated production process for various pharmaceutical drugs.
- As engineer, authored validation documents such as installation/operational qualifications (IOQs), functional design specifications, performance qualifications (PQs), design qualifications, change controls, deviations, risk assessments, rights and roles, and trace matrix.
- As engineer, assisted in execution of validation activities for qualifying and implementing a Manufacturing Execution System (MES), data backup and protection application (Commvault), and a quality manufacturing information broker (QMIB) in a pharmaceutical company.

Education

- B.S., Marquette University
    - Biomedical Engineering – Biomechanics

Community Leadership

Alyssa is especially proud of her work raising money for The Yellow Boat of Hope, a charity in the Philippines dedicated to promoting and supporting education. As an undergraduate, she oversaw a fashion show that raised thousands of dollars for the organization, and her event was recognized as the National Service Project for the Month of November.

Alyssa has also volunteered with Gigi's Playhouse, a Chicago organization that works with kids and adults with disabilities, helping them achieve educational and professional goals.

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*Contact Alyssa to set up an in-person consultation by appointment in the Chicago office.



2025 Pro Bono Champion

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