

Luke Sande

Patent Agent

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Intellectual Property
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Luke focuses his practice on patent preparation and patent prosecution. He is equipped with a diverse set of knowledge and hands-on engineering experience in the fields of materials science, civil engineering, chemistry, optics, metrology and software development.

Luke's graduate research focused on developing a method to determine the materials properties of the lepidopteran proboscis using a combination of image analysis and theoretical modeling. After receiving his master's degree, Luke worked in various engineering roles, where he developed a fabrication process for semiconductor substrates, characterized optical properties of various crystals and thin-film coatings, designed thin-film coatings for laser optics and ran a flux crystal growth process.

Before joining Cooley, Luke worked as a patent agent in the intellectual property department of a large chemical company. He performed freedom-to-operate studies and competitor analyses and prepared and prosecuted patent applications related to sustainable ink, pigment and coating compositions.

Education

Clemson University MS, Materials Science and Engineering, 2017

Clemson University BS, Civil Engineering, 2015

Admissions & Credentials

United States Patent and Trademark Office (USPTO)