Stephen J. Kudla

Associate

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Stephen J. Kudla focuses his practice on the preparation and prosecution of patent applications relating to electrical and computer technologies.

Practices

- Patent Prosecution

Industries

- Electrical & Computer Technologies

Background and Credentials

Mr. Kudla earned his J.D. from The George Washington University Law School, where he received the ABA–BNA Bloomberg BNA Award for Excellence in the Study of Intellectual Property Law and was a semi-finalist in the 2017 Giles Rich IP Moot Court Competition. During law school, Mr. Kudla was an Associate Editor on the Publication Staff of the American Intellectual Property Law Association quarterly journal. Mr. Kudla earned a B.S. in mathematics and a B.S. in physics from Louisiana State University. During his undergraduate studies he was a member of the Sigma Pi Sigma Physics Honors Society.

Mr. Kudla has experience with ultrafast optics, signal analysis, optical interferometry, semiconductors, superconductors, ultracold systems, electronics, and other related technologies. Prior to joining the Firm, Mr. Kudla developed technologies and proposed business strategies to construct unique intellectual property policies for a manufacturing company.

Education

- The George Washington University Law School (J.D.)
- Louisiana State University (B.S., *cum laude*)
    - Mathematics
- Louisiana State University (B.S., *cum laude*)
    - Physics (Astronomy concentration)

Publications and Presentations

2017
“Trapped imbalanced fermionic superfluids in one dimension: A variational approach"
Physical Review A. 95.6 (2017): 3623. APS Journals.

2015
"Pairing correlations in a trapped one-dimensional Fermi gas"
Physical Review A. 91.4 (2015): 3612. APS Journals.

2015
“Searching for stochastic gravitational waves using data from the two colocated LIGO Hanford detectors"
Physical Review D. 91.2 (2015): 2003. APS Journals.

2014
"Constraints on Cosmic Strings from the LIGO-Virgo Gravitational-Wave Detectors"
Physical Review Letters. 112.13 (2014): 1101. APS Journals.

2014
“Pairing correlations in a trapped one-dimensional Fermi gas”
APS March Meeting 2014

2013
“Search for long-lived gravitational-wave transients coincident with long gamma-ray bursts"
Physical Review D. 88.12 (2013): 2004. APS Journals.

2013
“Directed search for continuous gravitational waves from the Galactic center"
Physical Review D. 88.10 (2013): 2002. APS Journals.

Community and Professional Involvement

- American Bar Association