

ADVENT

An Intellectual Property Law Firm



Andrew Rodionov

Patent Agent

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OVERVIEW

Andrew is a Patent Agent who focuses on patent drafting, prosecution, and searching, with a specialization in a wide range of electrical and mechanical technology areas. In 2010, Andrew graduated from Texas A&M University with a degree in physics and a minor in mathematics. Before becoming a Patent Agent, Andrew worked as a commissioning engineer in the oil & gas industry, frequently traveling to China and Singapore for work.

Since becoming a Patent Agent, Andrew has worked for large corporations and small firms, from starting out in upstate New York with IBM, to later working as part of a two-man patent team in Houston, Texas. In 2021, Andrew moved to Omaha to become a part of the ADVENT Team because of his interest in their innovative business model and the vibrancy of the city of Omaha.

Beyond patent work, Andrew's interests include studying physics, mathematics, and music theory, and in 2020, Andrew became a published song writer. Andrew also enjoys spending his free time with his wife, Erica, playing board games, going to concerts, watching college football, and taking nature walks with his golden retriever, Davey. In the next few years, Andrew hopes to improve his practice by furthering his education in Electrical Engineering with an emphasis in semiconductor and radio-frequency technologies.

EXPERIENCE**ADVENT, LLP › Patent Agent**

Advent, LLP is a law firm specializing in intellectual property, innovation, and technology law. (2021 – present)

Law Office of Jeff Williams PLLC › Patent Agent

Patent search and patent preparation in mechanical, electrical, and computer-related arts. Prepared patent illustrations in compliance with USPTO standards. (2019-2020)

International Business Machines Corp. (IBM) › Patent Agent

Patent preparation and prosecution in software and computer-related arts. Prepared patent illustrations in compliance with USPTO standards. (2017-2019)

Friede & Goldman, Ltd. › Applications Engineer

Specialized in rack chock systems – a hydraulic operated locking system capable of supporting the weight of a jack-up offshore drilling rig. Implemented design modifications, factory testing, on-site troubleshooting, and final commissioning. Commissioned 21 system installations in shipyards across China, Singapore, U.A.E., and Poland. (2011-2015)

Texas A&M University Department of Physics › Design Engineer/Lab Technician

Designed, manufactured, and assembled major detector components of the Large Underground Xenon (LUX) experiment designed to directly detect weakly interacting massive particles (WIMPs), a theoretical candidate for dark matter. The concluding 2013-2016 results of the LUX experiment provided evidence against the WIMP candidate. (2007-2009)

LICENSES

- » United States Patent and Trademark Office, Registered Patent Agent, No. 75255, Admitted August 9, 2016

EDUCATION**Texas A&M University, College Station, Texas**

- » Bachelor of Science, Physics, May 2010

PUBLICATIONS

D. S. Akerib, X. Bai, E. Bernard, A. Bernstein, A. Bradley, D. Byram, S. B. Cahn, M. C. Carmona-Benitez, J. J. Chapman, T. Coffey, A. Dobi, E. Dragowsky, E. Druskiewicz, B. Edwards, C.H. Faham, S. Fiorucci, R. J. Gaitskell, K. R. Gibson, M. Gilchriese, C. Hall, M. Hanhardt, M. Ihm, R. G. Jacobsen, L. Kastens, K. Kazkaz, R. Knoche, N. Larsen, C. Lee, K. T. Lesko, A. Lindote, M. I. Lopes, A. Lyashenko, D. C. Malling, R. Mannino, D. N. McKinsey, D. Mei, J. Mock, M. Moongweluwan, M. Morii, H. Nelson, F. Neves, J. A. Nikkel, M. Pangilinan, K. Pech, P. Phelps, A. Rodionov, T. Shutt, C. Silva, W. Skulski, V. N. Solovov, P. Sorensen, T. Stiegler, M. Sweany, M. Szydagis, D. Taylor, M. Tripathi, S. Uvarov, J. R. Verbus, L. de Viveiros, N. Walsh, R. Webb, J. T. White, M. Wlasenko, F. L. H. Wolfs, M. Woods, and C. Zhang. "Technical Results from the Surface Run of the LUX Dark Matter Experiment," October 2012, <https://arxiv.org/abs/1210.4569>

D. S. Akerib, X. Bai, S. Bedikian, E. Bernard, A. Bernstein, A. Bolozdynya, A. Bradley, D. Byram, S. B. Cahn, C. Camp, M. C. Carmona-Benitez, D. Carr, J. J. Chapman, A. Chiller, C. Chiller, K. Clark, T. Classen, T. Coffey, A. Curioni, E. Dahl, S. Dazeley, L. de Viveiros, A. Dobi, E. Dragowsky, E. Druskiewicz, B. Edwards, C. H. Faham, S. Fiorucci, R. J. Gaitskell, K. R. Gibson, M. Gilchriese, C. Hall, M. Hanhardt, B. Holbrook, M. Ihm, R. G. Jacobsen, L. Kastens, K. Kazkaz, R. Knoche, S. Kyre, J. Kwong, R. Lander, N. A. Larsen, C. Lee, D. S. Leonard, K. T. Lesko, A. Lindote, M. I. Lopes, A. Lyashenko, D. C. Malling, R. Mannino, Z. Marquez, D. N. McKinsey, D. -M. Mei, J. Mock, M. Moongweluwan, M. Morii, H. Nelson, F. Neves, J. A. Nikkel, M. Pangilinan, P. D. Parker, E. K. Pease, K. Pech, P. Phelps, A. Rodionov, P. Roberts, A. Shei, T. Shutt, C. Silva, W. Skulski, V. N. Solovov, C. J. Sofka, P. Sorensen, J. Spaans, T. Stiegler, D. Stolp, R. Svoboda, M. Sweany, M. Szydagis, D. Taylor, J. Thomson, M. Tripathi, S. Uvarov, J. R. Verbus, N. Walsh, R. Webb, D. White, J. T. White, T. J. Whitis, M. Wlasenko, F. L. H. Wolfs, M. Woods, and C. Zhang. "The Large Underground Xenon (LUX) Experiment," November 2012, <https://arxiv.org/abs/1211.3788>