Wolf Greenfield

Daniel G. Rudoy PhD

Associate

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Dan Rudoy focuses his practice on patent prosecution in the areas of artificial intelligence, speech and image processing, software, medical devices, computer security, networking, radar systems, and electronics. He is particularly skilled in technologies related to machine learning, including deep learning, signal processing, big data, data science and bioinformatics.

Dan works regularly with start-ups and midsize companies, advising them on all aspects of IP strategy and portfolio development both in the United States and abroad. Dan works with clients on many IP issues beyond patent prosecution including due diligence, trade secrets, licensing, freedom-to-operate, and litigation.

Dan was previously an associate staff member in the Air and Missile Defense Technology, and the Intelligence, Surveillance, and Reconnaissance Systems Technology divisions at MIT Lincoln Laboratory, where he developed target tracking, multi-sensor fusion, and discrimination technologies for radar and electro-optical infrared systems. Subsequently as a graduate student at Harvard University, he carried out research in speech and audio signal processing, computational statistics, machine learning, artificial intelligence, and atomic force microscopy.

Experience

- Drafted patent applications related to software, hardware, machine learning and signal processing technologies, medical devices, and control systems. Recent examples include applications relating to speech coding, speech recognition, information retrieval, medical imaging, compressive sensing, power grid management, and database systems.

- Prosecuted patent applications in the United States and abroad in a wide range of areas, including communications, signal

Education

University of Pennsylvania, BA, Mathematics, *magna cum laude*

University of Pennsylvania, BS, Computer Science and Engineering, *magna cum laude*

University of Pennsylvania, MS, Computer and Information Science

Harvard University, PhD, Electrical Engineering

Suffolk University Law School, JD, *summa cum laude*

Practice Groups

Electrical & Computer Technologies

processing, artificial intelligence, controls, and software.

- Prosecuted reissue applications for multiple clients.

- Assisted in developing and managing patent portfolios for multiple start-ups and mid-size companies.

- Conducted prior art searches and patentability studies, including for clients working with database systems, e-commerce applications, and medical imaging.

Activities

- Boston Patent Law Association

Recognition

Dan was the recipient of the U.S. National Science Foundation and National Defense Science and Engineering Graduate Fellowships, and the Atwater Kent prize for distinction in his master's thesis research. He was also awarded a distinction in teaching for his contributions to engineering statistics at Harvard University and a Penn-Merck scholarship for teaching in inner city Philadelphia schools. He is a member of Eta Kappa Nu and Tau Beta Pi.