

David B. Raczkowski Ph.D.

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Services

Asset Creation - Prosecution &
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David Raczkowski, Ph.D., focuses his practice on patent prosecution and counseling. He has experience in patent portfolio management and development, and client counseling. He works with clients to identify inventions from general product specifications and evaluate patentability to determine patent strategy for a single patent application or across a patent family. His experience also involves preparing validity/invalidity, non-infringement and freedom-to-operate analysis, and in identifying possible infringement by competitor's products, as well as drafting claims to cover a competitor's products.

His representative fields of technology include bioinformatics; medical diagnostics; data analysis of biological data; image processing; machine learning and artificial intelligence; cryptography; databases and cloud computing; programmable logic (e.g., I/O circuits and timing, and software design of circuits); computer hardware, such as graphics processing and hard drives; data transmission, including error checking; networking; control systems for energy management; nanotechnology (e.g. carbon nanotubes); power supplies; and financial transactions and other Internet commerce.

Prior to joining the legal profession, Dr. Raczkowski conducted research as a postdoctoral fellow in scientific computing and computational physics at Lawrence Berkeley National Laboratory. Specific areas of research included scaling software to run on massively parallel machines (up to 1,000 processors), optimization methods for the solution of differential equations in electronic structure calculations, molecular dynamics calculations and improved efficiency of sparse matrix multiplications. Areas of research in materials science and physics included investigations into defects in silicon and silicon carbide, yttrium dopants in zirconia, carbon nanotubes, and quantum well effects in metallic alloys exhibiting giant magnetoresistance.

Dr. Raczkowski was recognized as a 2013, 2014 and 2015 Northern California "Rising Star" for Intellectual



Property by *Super Lawyers* magazine.

Education

University of San Francisco School of Law, J.D. (2005)

University of California, Davis, Ph.D. (2000) Physics

University of Michigan, B.S., Mathematics and Physics (1993)

Admissions

California (2005)

Court Admissions

U.S. Patent and Trademark Office (2002)

Insights

[Publications](#)

CAFC Decision in CardioNet Should Make More Accurate Diagnostics Patentable

July 16, 2020

[Events](#)

Alice Update – Unconventionality and Other Ways to Push Back

August 7, 2018

[In The News](#)

Kilpatrick Townsend's David Raczowski Quoted by Law360 re: "4 Things To Know About The New USPTO Examiner Manual"

February 23, 2018

[News Releases](#)

Kilpatrick Townsend Attorneys Named 2015 Northern California Super Lawyers

July 21, 2015