FISH.

Richard Wong, Ph.D.

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Overview

Richard Wong, Ph.D., focuses his practice on patent prosecution in the electrical engineering and biomedical engineering fields, often on behalf of large, internationally oriented companies. He has particular experience creating standard essential patents (SEPs) in the telecommunications and audio/video encoding space, helping innovative companies generate patents that support the telecom standards that enable worldwide communications.

Richard often works with market-leading innovators that are creating the household-name products that can be found in pockets and on desktops around the world. He regularly handles matters involving image and signal processing, artificial intelligence/machine learning, autonomous vehicles, computer vision, and video coding, and provides counsel regarding cellular communications, medical devices, cloud computing, semiconductors, wearable devices, blockchain, and financial services. He enjoys working with the inventors on cutting-edge projects, guiding them through the patenting process, and seeing their work incorporated in the products consumers use every day.

In addition to his prosecution work, Richard has experience with merger and acquisition due diligence, helping to ensure his clients' commercial transactions are backed by sound IP portfolios. He also supports his clients in post-grant proceedings before the U.S. Patent and Trademark Office.

News

January 6, 2025
Celebrating Excellence: Fish & Richardson Elevates 18 New Principals

Additional insights

Publications

- Mosquera LA, Card KF, Price-Schiavi SA, Belmont HJ, Liu B, Builes J, Zhu X, Chavaillaz PA, Lee HI, Jiao JA, Francis JL, Amirkhosravi A, Wong RL, Wong HC. In vitro and in vivo characterization of a novel antibody-like single-chain TCR human IgG1 fusion protein. *J Immunol.* 2005 Apr 1;174(7):4381-8
- Zhu X, Belmont HJ, Price-Schiavi S, Liu B, Lee HI, Fernandez M, Wong RL, Builes J, Rhode PR, Wong HC. Visualization of p53(264-272)/HLA-A*0201 complexes naturally presented on tumor cell surface by a multimeric soluble single-chain T cell receptor. *J Immunol.* 2006 Mar 1;176(5):3223-32
- Codella NC, Cham MD, Wong R, Chu C, Min JK, Prince MR, Wang Y, Weinsaft JW. Rapid and accurate left ventricular chamber

quantification using a novel CMR segmentation algorithm: a clinical validation study. *J Magn Reson Imaging*. 2010 Apr;31(4):845-53

- Liu T, Spincemaille P, de Rochefort L, Wong R, Prince M, Wang Y. Unambiguous identification ofsuperparamagnetic iron oxide particles through quantitative susceptibility mapping of the nonlinear response to magnetic fields. *Magn Reson Imaging*. 2010 Nov;28(9):1383-9. Epub 2010 Aug 4
- Wong R, Shou J, Wang Y. Probing sepsis and sepsis-like conditions using untargeted SPIO nanoparticles. *Conf Proc IEEE Eng Med Biol Soc*. 2010;2010:3053-6
- Wong RL, Liu B, Zhu X, You L, Kong L, Han KP, Lee HI, Chavaillaz PA, Jin M, Wang Y, Rhode PR, Wong HC. Interleukin-15:Interleukin-15 receptor *alpha* scaffold for creation of multivalent targeted immune molecules. *Protein Eng Des Sel*. 2011 Apr;24(4):373-83. Epub 2010 Dec 21
- Chen X, Wong R, Wang YA, Wang Y, Jin MM. Inflamed leukocyte-mimetic nanoparticles for molecular imaging of inflammation. 2011 Oct;32(30):7651-7661. Epub 2011 Jul 23
- Wong R, Chen X, Wang Y, Hu X, Jin MM. Visualizing and Quantifying Acute Inflammation Using ICAM-1 Specific Nanoparticles and MRI Quantitative Susceptibility Imaging. *Annals of Biomedical Engineering*. 2011 Dec. *In press*. Epub 6 Dec 2011

Services

Post-Grant
Inter Partes Review

Patent
Patent Prosecution
Strategic Patent Counseling & Opinions
Patent Portfolio Management

Industries

Electrical & Computer Technology
Software & Internet
Hardware
Artificial Intelligence
Digital Media & E-Commerce
Telecommunications
Medical Devices
Autonomous Vehicles

Admissions

U.S. Patent and Trademark Office (2014)
New York (2021)

Education

J.D. *magna cum laude*, Order of the Coif, Fordham University School of Law (2019)
Ph.D., Biomedical Engineering, Cornell University (2012)
B.S., Electrical Engineering, University of Florida (2006)
