

# IAN PILGRIM, PH.D.

PATENT AGENT

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## OVERVIEW

Ian is a patent agent in the firm's Mechanical group, where his practice primarily relates to the preparation and prosecution of utility, design, and international patent applications.

Ian's professional expertise spans various technologies, including medical devices, consumer products, aerospace components and manufacturing, machine tools, and semiconductor test equipment. In addition to preparing and prosecuting patent applications, Ian has extensive experience in performing patentability and prior art searches, conducting freedom-to-operate analyses, and assisting in the enforcement and defense of his clients' patents.

Prior to working in patent law, Ian earned his Ph.D. in physics at the University of Oregon, where his research investigated electron transport dynamics in semiconductor nanostructures at sub-Kelvin temperatures, as well as fractal analysis techniques. Ian enjoys applying his passion for precise communication and attention to detail in service to his clients.

Ian joined Klarquist as a patent agent in 2021.

## PROFESSIONAL EXPERIENCE

- ▶ Kolitch Romano Dascenzo Gates, LLC | Technical Consultant and Patent Agent, 2014 – 2021 | Portland, OR
- ▶ University of Oregon | Graduate Student Research Assistant, 2010 – 2014 | Eugene, OR

## PRESENTATIONS & PUBLICATIONS

- ▶ I. Pilgrim, R. P. Taylor. "Fractal Analysis of Time-Series Data Sets: Methods and Challenges," *Fractal Analysis*; IntechOpen; DOI: 10.5772/intechopen81958 (2018).

## EDUCATION

Ph.D., Physics, University of Oregon, 2014

B.A., *cum laude*, Mathematics-Physics, Whitman College, 2008

## ADMISSIONS

U.S. Patent and Trademark Office, 2016 (Reg. No. 74,916)

## PRACTICE AREAS

Patents

## TECHNOLOGY AREAS

Consumer Products  
Electrical & Semiconductors  
Mechanical  
Medical Device & Diagnostics  
Physics & Optics

**Klarquist**

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## PRESENTATIONS & PUBLICATIONS

- ▶ A. P. Micolich, A. M. See, B. C. Scannell, C. A. Marlow, T. P. Martin, I. Pilgrim, A. R. Hamilton, H. Linke, R. P. Taylor. "Is It the Boundaries or Disorder That Dominates Electron Transport in Semiconductor 'Billiards'?" *Fortschr. Phys.* 61, 332 (2012).
- ▶ A. M. See, I. Pilgrim, B. C. Scannell, R. D. Montgomery, O. Klochan, A. M. Burke, M. Aagesen, P. E. Lindelof, I. Farrer, D. A. Ritchie, R. P. Taylor, A. R. Hamilton, A. P. Micolich. "Impact of Small-Angle Scattering on Ballistic Transport in Quantum Dots," *Phys. Rev. Lett.* 108, 196807 (2012).
- ▶ B. C. Scannell, I. Pilgrim, A. M. See, R. D. Montgomery, P. K. Morse, M. S. Fairbanks, C. A. Marlow, H. Linke, I. Farrer, D. A. Ritchie, A. R. Hamilton, A. P. Micolich, L. Eaves, R. P. Taylor. "Probing the Sensitivity of Electron Wave Interference to Disorder-Induced Scattering in Solid-State Devices," *Phys. Rev. B* 85, 195319 (2012).
- ▶ M. Pokrifchak, T. Turner, I. Pilgrim, M. R. Johnston, and K. W. Hipps. "Scanning Tunneling Microscopy and Orbital-Mediated Tunneling Spectroscopy Study of 1,5-Di(octyloxy)anthracene Adsorbed on Highly Ordered Pyrolytic Graphite from Various Solvents and in Different Environments," *J. Phys. Chem. C*, 111 (21), 7735 (2007).