



## Christopher D. Bayne

### SENIOR ASSOCIATE

#### EDUCATION

University of Hawai'i  
William S. Richardson  
School of Law  
J.D. 2009

Massachusetts Institute  
of Technology  
Chemistry  
M.S. 1996

California State University  
Chemistry  
B.S. 1994

#### INDUSTRY GROUPS

Pharmaceuticals  
Chemistry  
Nanotechnology  
Alternative Energy  
Biotechnology  
Medical Devices  
Semiconductors

#### SERVICES

Patent  
Trade Secrets

#### BAR ADMISSIONS

Hawaii  
Virginia  
United States Patent  
and Trademark Office

#### BACKGROUND

Christopher has over 10 years of experience as a patent professional representing clients primarily in pharmaceutical, biotechnology and material technology sectors. He focuses his practice on patent preparation and prosecution, global portfolio strategy and management, and providing legal opinions. In 1996, Chris received his M.S. in Chemistry from the Massachusetts Institute of Technology, where his research focused on the design and synthesis of self-complimentary molecules capable of molecular self-assembly. Chris also practiced as a business litigator in Honolulu, Hawaii, upon receiving his J.D. from the William S. Richardson School of Law, University of Hawai'i (Mānoa) in 2009. He received a B.S. in Chemistry from California State University in 1994. Chris served in the United States Navy as a nuclear propulsion plant operator aboard an Ohio-class submarine.

#### EXPERIENCE

Chris focuses primarily in the areas of pharmaceuticals and biotechnology, but he has broad patent experience in a variety of chemical and mechanical technological areas including, industrial chemical processes, material technologies (polymers, nanomaterials, light-emitting materials, mineral compositions, glass products, metal products), light-emitting devices, energy technologies (battery, fuel cell, petroleum additives, nuclear technologies), additive manufacturing (3D-printing), lubricant compositions, petrochemicals, cosmetics, pigments, toners, medical devices, semiconductors, imaging devices, and reactor technologies.

As a medicinal chemist in the biotech industry, Chris worked with early-stage discovery, optimization, and scaled-up production of small-molecule drugs in a variety of therapeutic areas including the treatment of pain, cardiovascular diseases, and bio-defense. He co-authored publications on synthetic-organic methodology, and is a co-inventor of patents directed to small-molecule therapeutics.

Before joining Seed IP, Chris worked as a patent attorney for 10 years at law firms in Alexandria, Virginia and Boston, Massachusetts.

#### AFFILIATIONS

Chris is admitted to practice in the states of Hawaii and Virginia, and is registered to practice before the United States Patent and Trademark Office. He is a member of the Washington State Patent Law Association (WSPLA), the American Intellectual Property Law Association (AIPLA), the American Chemical Society (ACS), and Life Science Washington.