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- **Patent Attorney:** 2017–present; **Patent Agent:** 2005–2017; **Technical/Science Writer:** 1985–2005
 - **Patent fields:** ♦ Software ♦ Telecom ♦ Mechanical ♦ Electrical ♦ Wireless ♦ DSP ♦ Smart Items
♦ Manufacturing / Factory / Supply Chain ♦ Aviation ♦ Power Systems ♦ Microchips
 - **Inventorship:** Mr. Oppenheimer is the sole inventor on eight U.S. patents and two EPO patents.
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- **100+ patent applications drafted**, 250+ patent applications prosecuted.
 - **Clients:** Corporate (Micron, G.E., Honeywell, Broadcom, Amex, JPMC, Google) and Start-ups.
 - **International (EPO)** drafting/prosecution experience.
 - **Graphics skills** with Visio and other graphic arts/drawing/flow-charting tools.
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- **J.D. cum laude**, American University Washington College of Law; GPA 3.71, Top 20% of class.
 - **B.A. Cornell University, With Distinction;** Major in Physics, Applied Math;¹ GPA 3.6.
 - **Continuing Self-Education in physics, electronics, applied math, software systems, AI.**
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Patent Experience

Wood IP Law, Gaithersburg, MD – Of Counsel (2019–present)

- Drafted thirty+ patent applications to date, responded to USPTO office actions for Micron, G.E., J.P. Morgan Chase
- DRAM chip technologies, high power electrical systems (generators, high-current distribution grids), aircraft technologies (engines, navigation, control systems), industrial lighting technologies, banking.

ImagiStar, LLC (www.ImagiStar.com) – President, Founder, Inventor (2011–present)

While attending law school, founded ImagiStar LLC to develop software for smart-items.
(Currently seeking to sell/license the IP and beta software to a larger tech company.)

- **Inventions:** *Sole inventor* for novel technologies enabling items to self-identify as lost or stolen.
- **Patents:** Drafted/filed PCT/U.S. applications for the hardware/software, and prosecuted the same.
♦ *Eight issued U.S. patents; one pending.* ♦ *Two issued EPO patents, one pending.*
- **Trademarks:** Conceived/filed multiple trademarks—now allowed—for the company and products.

MH2 Technology Law Group – Contract Patent Attorney (2018–2019)

- Drafting electronics/software/mechanical patent applications.
- Sensors, internet, telecommunications, industrial technologies.

Additon, Higgins & Pendleton, PLLC – Contract Patent Attorney (2015–2017)

- Drafted a dozen patent applications for Honeywell.
- Robotics, sensing (optical and audio), image/signal processing including voice recognition.
- Printer/scanner technologies, cryptography, data security, process management.

Oppenheimer Patents – Patent Attorney, Patent Agent (2010–2014)

- Drafted patent applications, complete/review/edit patent applications drafted by other attorneys, responded to USPTO office actions as a contract attorney for a variety of IP law firms.

Sterne, Kessler, Goldstein, and Fox, Washington, DC – Patent Agent (2006–2009)

- Drafted two-dozen patent applications for communications systems, software, electronics.
- Engaged in extensive subject matter interviews with inventors.
- Conducted interviews with PTO examiners.
- Drafted amendments and replies in response to several hundred PTO office actions.
- Supervised paralegals and other support staff.

Writing Experience (incomplete listing)

Cognio, Gaithersburg, MD – Technical Writer (contract) (2003-2005)

- Cognio was an electronics start-up (Wi-Fi, 802.11, Bluetooth, cellular), later acquired by Cisco.
- Authored users guides and reference manuals for spectrum management software and hardware.
- Authored functional specifications and hardware interface specifications for RF hardware.

Technical Writing, Scriptwriting, and Science Journalism (1987-2005) (partial listing)

Authored/illustrated users' guides, reference manuals, and technical specifications.

- JDS Uniphase, Germantown, MD (formerly Acterna) – electronic hardware documents.
- CIENA Inc., Columbia, MD – software and hardware reference manuals.
- OPNET, Washington, DC – documentation for network simulation software.
- U.S. Navy, Army, Washington, DC – scriptwriting for military training films.
- Science Digest Magazine, NY, NY – authored numerous articles on science for popular audiences.

Technical Knowledge

- **Technical Background:** Drafted or prosecuted patent applications, authored technical documentation, and/or had relevant coursework in multiple fields including:
 - ◆ aviation technologies
 - ◆ biology, chemistry, physics
 - ◆ computer graphics
 - ◆ detectors and imaging
 - ◆ digital circuit logic
 - ◆ digital memory circuits
 - ◆ electronic instrumentation
 - ◆ electronic circuits / ICs
 - ◆ holographics / optical sensing
 - ◆ location determination
 - ◆ mechanical devices
 - ◆ memory systems
 - ◆ microprocessor architectures
 - ◆ mobile application software
 - ◆ network communications
 - ◆ power electronics
 - ◆ programming interfaces (APIs)
 - ◆ signal-processing
 - ◆ software and programming
 - ◆ spectrum analysis
 - ◆ telecomm standards/devices
- **Computer Languages:** C++, Java, HTML, FORTRAN, SQL, XML, Python (*currently learning*)

Education

- **Juris Doctor, American University (Washington College of Law)**
J.D., *cum laude*, May 2015; GPA: 3.71 (Top 20%); Gillett-Mussey Fellowship recipient.
 - **Intellectual Property:** Patent Law (A), Trademark Law (A), Entertainment Law (A), IP Licensing and Technology Agreements (A-), IP in Cyberspace (B+).
 - **Business:** Business Associations (A), Corporate Finance (A), Secured Transactions (A).
 - **Legal Research Paper** on “Patent Obviousness in View of KSR” (A).
- **Certificate Degree in Computer Programming** – Montgomery College, 2002
- **M.A. in Western Classics** – St. John's College, 2001
- **Cornell University – B.A. with Distinction** as a College Scholar, 1982; GPA 3.6.
Physics major and *applied mathematics*.
- **Continuing Education** – College and self-studies in quantum physics, advanced math (linear algebra, diff EQs, complex analysis, tensors, statistics), electronics (digital logic, circuits, transistor electronics, power electronics), and software (programming, artificial intelligence).

Compliments from a Client Law Firm

- ✓ “You have a talent for explaining the challenges/motivation for the invention in a manner that can allow someone who doesn't understand the tech to understand why the invention is important.”
- ✓ “I also appreciate that you write meaningful dependent claims. Many contractors that I've worked with in the past struggle with this or resist putting in the additional effort.”
- ✓ “Well flushed out invention, lots of alternative implementations considered.”
- ✓ “Figures are detailed and descriptive.”
- ✓ “I also appreciate the thought you put into the terms you use throughout the disclosure. It really helps with the readability and understanding.”

Compliment from Lead Inventor at a Fortune 1000 Company

- ✓ "I am very impressed with the Application document you have crafted. This is my third patent at [major bank], and this is undoubtedly the best patent description of them all, and my favorite patent."