

## David D. Brush

### Patent & Trademark Attorney, Shareholder



#### Overview

David D. Brush holds an Electrical Engineering degree from the University of Minnesota and a Juris Doctor from William Mitchell College of Law (cum laude). Mr. Brush is experienced in patent preparation, prosecution, enforcement and licensing in the electronic, semiconductor, software, medical and mechanical areas. He also focuses on Paris Convention and PCT National Phase filings in the U.S. for law firms and clients residing in other countries. He worked as an Engineer for Control Data Corporation where he specialized in integrated circuit design and layout, timing and logic simulation. He is a member of the Eta Kappa Nu Electrical Engineering Honors Society.

#### Contact Information

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#### Areas of Practice

- Patents
- Trademarks
- Copyright
- Licensing
- Portfolio Analysis
- Freedom to Operate
- Validity/Non-Infringement Opinions
- PCT National Phase Filings in the U.S.
- Paris Convention Filings in the U.S.
- Due Diligence
- Patent Portfolio Management and Strategy
- Post-Grant Proceedings

#### Bar Admissions

United States Patent and  
Trademark Office  
Minnesota State Bar  
U.S. District Court for the District of  
Minnesota  
U.S. Court of Appeals for the Federal  
Circuit  
U.S. Court of Appeals for the Eighth  
Circuit

#### Areas of Technical Expertise

- IC Design and Fabrication
- Data Storage and Media
- Telecommunications
- Mobile Devices
- Encryption/Decryption
- Computer Hardware/Software
- Semiconductors
- Signal Processing
- Mechanical Devices
- Electrolysis
- Medical Devices
- Industrial Floor Cleaners
- Material Science including Semi-conductors
- Optical Technologies
- Industrial Process Sensors
- Process Inspection Tools
- Plasma Discharge
- Authentication and Security

## Education

William Mitchell College of Law  
(1993) (Cum Laude)  
University of Minnesota, Institute of  
Technology, B.S. Electrical  
Engineering (1987)

## Industry Experience

**Control Data Corporation**, Bloomington, Minnesota

- Electrical Engineer (January, 1987 - June, 1989)
- Integrated Circuit Design/Simulation
- Engineering Intern (1984, 1985, 1986)

## Professional Affiliations

Member American Intellectual Property  
Law Association  
Member Minnesota Intellectual  
Property Law Association  
Member Minnesota State Bar  
Association  
Member Hennepin County Bar  
Association

## Honors

Minnesota Super Lawyers® (2003-  
2007)  
Eta Kappa Nu Electrical Engineering  
Honors Society

## Exemplary Patents

U.S. 8,236,147 Tubular Electrolysis Cell and Corresponding Method  
U.S. 8,016,996 Method of Producing a Sparged Cleaning Liquid Onboard a Mobile Surface Cleaner  
U.S. 7,931,811 Dielectric Barrier Reactor Having Concentrated Electric Field  
U.S. 7,549,212 Method of Adjusting Recession of an Element of a Slider  
U.S. 7,539,890 Hybrid Security Clock  
U.S. 7,502,982 Iterative Detector with ECC in Channel Domain  
U.S. 7,424,687 Method and Apparatus for Mapping Design Memories to Integrated Circuit Layout  
U.S. 7,305,129 Methods and Apparatus for Populating Electronic Forms From Scanned Documents  
U.S. 7,231,019 Automatic Identification of Telephone Callers Based on Voice Characteristics  
U.S. 7,002,493 Boolean Logic Tree Reduction Circuit  
U.S. 6,816,562 Silicon Object Array With Unidirectional Segmented Bus Structure  
U.S. 6,548,009 Method for Controlling Twist Curvature of a Disc Head Slider  
U.S. 6,262,634 Phase-locked loop with Built-in Self-Test of Phase Margin and Loop Gain  
U.S. 6,224,279 Keyboard Having Integrally Molded Keyswitch Base  
U.S. 5,909,276 Method for Detecting Particles and Defects on Substrates in Integrated Process Tools  
U.S. 5,872,494 Level Gage Waveguide Process Seal Having Wavelength-Based Dimensions  
U.S. 5,727,110 Electro-Optic Interface for Field Instrument  
U.S. 5,633,899 Phase Locked Loop for High Speed Data Capture of a Serial Data Stream  
U.S. 5,619,420 Semiconductor Cell Having a Variable Transistor Width  
U.S. 2013/0240774 Neutron Detection Chip Assembly

## Personal Interests

Alpine and Nordic Skiing  
Woodworking  
Boating  
Motorcycling  
Golf