



## John Veldhuis-Kroeze

### Patent & Trademark Attorney, Shareholder

#### Overview

John has over 20 years' experience as a patent attorney representing clients in diverse technology areas. As a former electrical engineer and patent attorney for Rockwell International Corporation, he specialized in aviation electronics and display technologies. In addition to his focus in these technology areas, John has extensive experience in patent preparation, prosecution and enforcement in the areas of electronics, semiconductor design, computer hardware and software, medical devices, hydraulics and construction equipment design. John also focuses his practice on PCT National Phase and Paris Convention Filings for law firms and clients residing outside of the United States.

#### Contact Information

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#### 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 Practice

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

#### Areas of Technical Expertise

- Semiconductor Design
- Data Storage and Media
- Telecommunications
- Mobile Devices
- Encryption/Decryption
- Computer Hardware/Software
- Signal Processing
- Mechanical Devices
- Hydraulic Systems
- Construction Equipment
- Machine Implements
- Medical Devices
- Optical Compensation Technologies
- Industrial Process Sensors
- Aviation Electronics
- Global Positioning System Electronics
- LC and LED Displays

## Education

University of Iowa School of Law, JD  
(with Distinction) (1992)

University of Iowa, B.S. Electrical  
Engineering (1988)

## Industry Experience

Rockwell Collins, Cedar Rapids, Iowa

- Electrical Engineer (May, 1988 - August, 1989)
- Intellectual Property Attorney (November, 1994 – November 1995)

## Professional Affiliations

Member, American Intellectual  
Property Law Association  
Member, Minnesota Intellectual  
Property Law Association  
Member Minnesota State Bar  
Association

## Exemplary Patents

US 8,459,800 Optical projection subsystem  
US 8,274,220 LED source with hollow collection lens  
US 8,104,955 Aspirated enhanced total air temperature probe  
US 8,004,796 Slider with contact features initiated at wafer level  
US 7,971,677 Work machine vehicle having seat mounted controls with nested seatbar  
US 7,901,083 Optical projection subsystem  
US 7,717,599 Integrating light source module  
US 7,636,657 Method and apparatus for automatic grammar generation from data entries  
US 7,624,111 Active content trust model  
US 7,505,991 Semantic model development and deployment  
US 7,460,999 Method and apparatus for executing tasks in voice-activated command systems  
US 7,434,019 Method and apparatus for managing buffer random access memory  
US 7,424,421 Word collection method and system for use in word-breaking  
US 7,398,210 System and method for performing analysis on word variants  
US 7,357,572 Total air temperature probe having improved deicing heater error performance  
US 7,346,493 Linguistically informed statistical models of constituent structure for ordering in sentence realization for a natural language generation system  
US 7,257,470 Fault isolation method and apparatus in artificial intelligence based air data systems  
US 7,231,375 Computer aided query to task mapping  
US 7,213,454 Method and apparatus for obtaining improved accuracy and range for air data parameters inferred from independent measurements of interdependent pressures  
US 7,165,075 Object graph faulting and trimming in an object-relational database system  
US 7,155,969 System for and method of acoustic and through skin air data measurement  
US 7,104,502 Ice detector for improved ice detection at near freezing condition  
US 6,301,264 Asynchronous data conversion circuit  
US 5,949,633 Fluorescent lamp drive system with transformer over-voltage protection circuit  
US 5,867,241 Liquid crystal display lamination with silicone gel adhesive  
US 5,750,203 Method of preparing organically modified aluminosilicates sol-gel films  
US 5,731,886 Birefringent compensator for reflective polarizers  
US 5,720,545 Refracting optic for fluorescent lamps used in backlighting liquid crystal displays  
US 5,648,827 Backlighting system for liquid crystal displays having a non-planar fluorescent lamp  
US 5,508,698 Vehicle detector with environmental adaptation  
US 5,504,603 Optical compensator for improved gray scale performance in liquid crystal display  
US 5,495,378 Magnetoresistive sensor with improved performance and processability  
US 5,278,555 Single inductive sensor vehicle detection and speed measurement  
US 5,153,525 Vehicle detector with series resonant oscillator drive

## Honors

Minnesota Super Lawyers  
(2005)

Tau Beta Pi Engineering Honor  
Society

## Personal Interests

- Soccer
- Archery
- Photography