Todd E. Marlette, Esq.

Background of Services **Patent, Trademark and Copyright Practice** **August 2018**

Communication

Mr. Marlette regularly transacts with the U.S. Patent and Trademark Office by way of the internet, and traditional written and in-person communication.

In 1876 Thomas Alva Edison created his *invention factory* in Menlo Park, New Jersey. Securing more than 400 U.S. letter patents, the *invention factory* wrapped packages destined for the U.S. Patent and Trademark Office in a particularly identifiable "red tape." The U.S. Patent Office eagerly awaited these packages and provided special treatment upon arrival, thereby adding the phrase "cutting through the red tape" to the American vocabulary.

Todd E. Marlette, Esq. continues this tradition by providing direct and personal communication with the U.S. Patent and Trademark Office, while also utilizing the latest advances in technology.

Commitment to Excellence

For more than twenty years Mr. Marlette has provided clients with the highest quality of service for their intellectual property needs. However, we realize that the acquisition of exclusive rights in technology, brand identification and creative works must be accomplished within a budget to secure the business objective. The law office of Todd E. Marlette, Esq. works closely with our clients to ensure that the appropriate level of attention is applied to each and every case in an effort to maximize value of our client's proprietary and fiduciary resources.

Patent Services

"The patent system ... [has] added the fuel of interest to the fire of genius, in the discovery and production of new and useful things." Abraham Lincoln, Lecture on Discoveries and Inventions, Jacksonville, Illinois, February 11, 1859. Todd E. Marlette, Esq. provides assistance to clients in all aspects of the patent system including domestic Patent Searching, Patent Application Drafting, Patent Prosecution, Consulting, and various related services. Mr. Marlette also provides international patent services such as direct filings under the Patent Cooperation Treaty and foreign prosecution and enforcement through a network of foreign associates.

Patent Applications

A United States patent application constitutes "one of the most difficult legal instruments to draw with accuracy." Topliff v. Topliff, 145 U.S. 156, 171 (1892).

Patent applications are prepared with a view toward trends in the most recent Federal Circuit and Supreme Court decisions. United States applications designated for PCT filing or seeking to claim Paris Convention priority abroad are prepared to minimize revision by foreign associates during foreign prosecution. Likewise, non-U.S. origin applications are economically modified to comply with the formal requirements of the U.S. Patent and Trademark Office and to reduce government fees.

U.S. patent applications are often filed with informal drawings supplied by our clients, but can easily prepare high quality formal drawings by coordinating with our local draftsman. Patent applications are prepared to be compatible with the client's preferred software packages including Word® and WordPerfect® formats. We conveniently prepare U.S. patent applications for filing and docketing by in-house counsel or may maintain the applications on our firm docketing system.

Patent Searching

Patent searches and communication of the search results are prepared while recognizing the importance of client resources. The task of communicating the results of the search is intimately related to the quality of the search performed.

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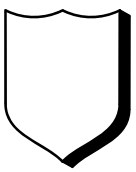


MEMBER MICHIGAN AND MARYLAND BARS
MEMBER DISTRICT OF COLUMBIA BAR
REGISTERED PATENT ATTORNEY, U.S.P.T.O.
NOT REGISTERED IN DELAWARE

Todd E. Marlette, Esq. provides searching in all areas of technology and has particular experience in the electrical, computer, software, telecommunications, and mechanical arts. Effective communication is provided while conducting each search. This avoids unnecessary duplication of evaluative and analytical effort while providing higher quality and more efficient use of resources.

Trademark and Copyright

Todd E. Marlette, Esq. provides assistance in all aspects of trademark acquisition and enforcement before the U.S. Patent and Trademark Office, such as registration, and *inter partes* proceedings before the Trademark Trial and Appeal Board. In addition, we may elect to simultaneous file selective state trademark applications to secure additional benefits. Our copyright practice includes searching, clearance, legal opinions, registration, and U.S. Copyright Office appellate practice.

Background and Bar Membership

Mr. Marlette is a member of the Michigan Bar, the Maryland Bar, the District of Columbia Bar, and is registered to practice before the U.S. Patent and Trademark Office as Reg. No. 35,269. Mr. Marlette is not a member of the Delaware Bar. Mr. Marlette is or has been affiliated with various voluntary bar associations, such as the Intellectual Property Owners Association, the American Intellectual Property Law Association, as well as various local bar associations.

Scholastic Background

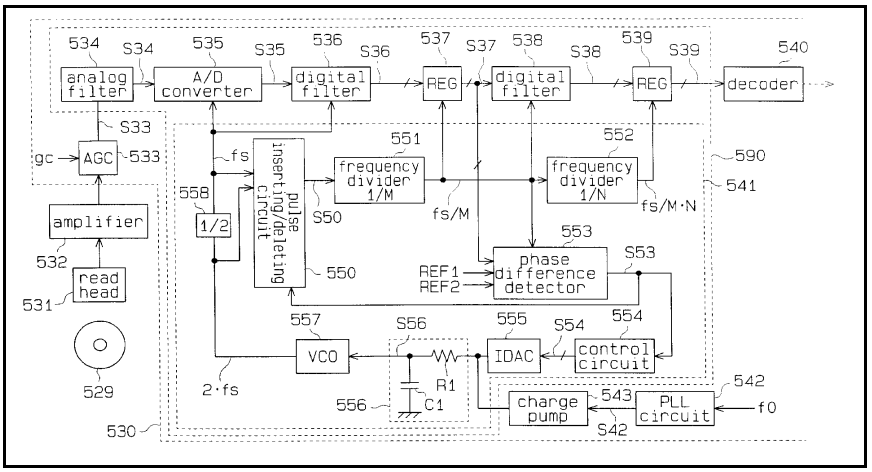
Mr. Marlette earned his bachelor of science in electrical engineering B.S.E.(E.E.) from the University of Michigan College of Engineering. While attending undergraduate school, Mr. Marlette was named to the Dean's List for Academic Achievement and was a Teaching Assistant in the Keller Physics Program.

Mr. Marlette excelled in his undergraduate studies while in the Electrical Engineering program and attended four master's curriculum classes in the area of high technology electrical engineering, including semiconductor design and fabrication. Representative research and design projects include Integrated Circuit Chip for 32 bit renormalization of binary unformatted number to IEEE standard format; Integrated Circuit Chip including design and fabrication of cardiovascular catheter integrating an electronic pressure sensor; Robotics Design Project for artificial intelligence incorporating digital vision system and six degrees of freedom force-feedback manipulator; Microcontroller having Intel 8096 compatible instruction set and incorporating non-ROM PLA, 14 bit A/D converters and on-chip L.E.D./L.C.D. drivers; and Radar System Design for Synthetic Aperture Radar (S.A.R. system) to detect the presence of gold up to five feet below the desert sand.

Having earned a scholarship to attend law school at Case Western Reserve University, Mr. Marlette also clerked at a prestigious Cleveland based intellectual property law firm and sat for and passed the Agent Examination of the U.S. Patent and Trademark Office, receiving Reg. No. 35,269. Mr. Marlette achieved distinction as a member of the Law School Criminal Clinic by becoming a certified legal intern in the state of Ohio and successfully conducting two full trials and numerous motions before local Cleveland area courts.

After graduating from law school in 1992 and before forming his own firm, Mr. Marlette practiced intellectual property law in Washington, D.C. with a prestigious general practice law firm, several intellectual property boutique firms, and a major telecommunications corporation.

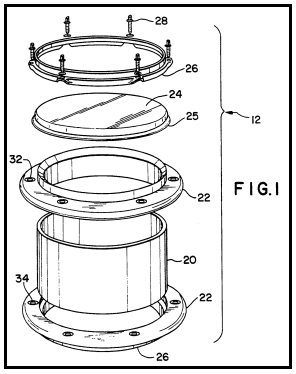
Mr. Marlette received an LL.M. (Master of Laws) with highest honors in Intellectual Property Law from the George Washington University School of Law in May of 2004.



Sawada, Masaru, A/D With Digital PLL, U.S. Pat. No. 5,870,591, Fujitsu, Ltd.

Works of Authorship

Mr. Marlette has authored a number of articles and publications related to all aspects of intellectual property law including: State Trademark and Unfair Competition Law, Ohio Chapter, revision #8 (Clark, Boardman, Callaghan 1992); "May Trade Show Organizers Be Held Vicariously Liable for the Copyright Infringements of Their Exhibitors? -- Two District Courts Offer Two Different Opinions," Association Law & Policy, Vol. 8, No. 17 (Sept. 1994); "The Alappat Standard for Determining that Programmed Computers are Patentable Subject Matter," Journal of the Patent and Trademark Office Society, Vol. 76, No. 10, pp. 771-786 (Oct. 1994); "The Internet: Legal Issues on the Information Superhighway," Association Law & Policy, Vol. 8, No. 24 (Dec. 1994); "Internet: Legal Issues On the Superhighway," Dollars & Cents (Feb. 1995); "Toward a Fact-Based Standard for Determining Whether Programmed Computers are Patentable Subject Matter: The Scientific Wisdom of Alappat and Ignorance of Trovato," Journal of the Patent and Trademark Office Society, Vol. 77, No. 5, pp. 353-367 (May 1995); "The Internet: Liability on the Information Superhighway," International Legal Strategy, Vol. VI-7, July 15, 1997; "The Internet: Liability on the Information Superhighway," U.S. -- Japan Intellectual Property Issues 1998.



Volpp, Steven W.
Shell Resonant Membranophone
U.S. Patent No. 5,353,674
Peavey Electronics Corp.

Legal Experience

Mr. Marlette's experience includes all aspects of intellectual property law, including e-commerce, patent, trademark, copyright, and trade secret law. Mr. Marlette has successfully represented start-up e-commerce companies ('dot-coms') as well as small to medium sized companies and the Fortune 500. Representative present and former clients include: General Electric (CRD), Ingersoll-Rand, Fujitsu Ltd., Nikon Corp., Fanuc Ltd., The Torrington Company, Alaska Food Group, Hitachi Ltd., Royal Appliance Mfg. Co., Lexmark International, Inc., Reservoir Labs, Reputation Technologies, Oxford Instruments, Ltd., and Qualcomm, Inc.

Mr. Marlette has obtained hundreds of patents for clients ranging from relatively straight-forward electrical/mechanical applications (such as "Marlette," U.S. Patent No. 5,836,169) to very high technology devices and systems, such as high temperature superconductors, QPSK cellular telephone systems, and optimizing object code compilers. High technology applications also include camera equipment, VLSI stepper equipment, satellite navigational equipment, infra-red fire detection equipment, fiber-optic communications, robotics and systems for medical imaging.

Over the past twenty years, when appropriate, Mr. Marlette has appealed patent applications to the Board of Patent Appeals and Interferences. Mr. Marlette has successfully conducted oral arguments before the Board of Patent Appeals and Interferences. A representative appeal resulted in Yoshimura, et al., U.S. Patent No. 6,124,651 for a Method for Driving Stepping Motor of Multiphase Hybrid Type.

Mr. Marlette has also drafted numerous trademark and copyright applications and conducted a number of *inter partes* proceedings before the Trademark Trial and Appeal Board.

Mr. Marlette has also appeared before the Family Division of the Superior Court of the District of Columbia as a Guardian Ad Litem for the Council on Child Abuse and Neglect.

Marlette, U.S. Patent Number 5,836,169

Mr. Marlette recognizes the challenges facing the modern inventor because he is one. One who enjoys a cup of freshly brewed coffee, Mr. Marlette has been awarded U.S. Patent No. 5,836,169 on November 17, 1998 for a Coffee Brewer Including Refrigerated Storage Receptacle.

Sample Patents

A list of sample published high technology patents may be obtained by searching the "Attorney or Agent" field in the USPTO Patent Full-Text and Image Database at uspto.gov.

A small sample of published high technology patents obtained by Mr. Marlette are also set forth below. To view the following patents, simply type the patent number into Google Patents at https://patents.google.com/.

Semiconductor Technology
5,508,634 Semiconductor integrated circuit device of dual configuration having enhanced soft error withstanding capacity

Fiber Optic Technology
5,515,192 Optical systems making use of phenomenon of stimulated brillouin scattering

Fiber Optic Technology
5,636,046 Optical dispersion compensation method using transmissible band determined from synergetic effect of self phase modulation and group velocity dispersion

Medical Equipment
6,221,016 Ultrasonic diagnostic apparatus

Optical Recording Media
5,617,394 Optical disk recording method and device

Automotive Technology
5,522,371 Thermal insulation engine
5,603,298 High compression ratio internal-combustion engine

Video Processing Technology
5,546,136 Information processing unit for modifying gain in a frequency band of a video signal

Satellite Technology
5,855,341 Method of controlling a plurality of satellites

Robotics/Automated Manufacture
5,549,018 Small-locus machining apparatus
5,589,086 Method and apparatus for electrical discharge machining with control of a servomechanism by a position loop and a speed loop

Photographic Technology
5,552,853 Auto focusing apparatus in a camera

Digital Photography
5,585,845 Electronic still camera having data storage device and method for recording image data within said data storage device

Sensing Equipment
5,952,587 Imbedded bearing life and load monitor

Laser Technology
5,742,627 Laser oscillator using a plate-type heat exchanger

Business Method/ e-Commerce
5,553,216 Structured database system together with structure definition frame storing document body data
5,946,665 On line shopping system using a communication system

Computer Graphics/Animation
5,880,860 Graded color acquisition method and apparatus in image processing
5,610,842 Method of animation plotting of NC machining program

Food Processing Equipment
5,820,890 Apparatus for cutting plastic bar-shaped food

CAD/CAM software/equipment
5,751,597 CAD apparatus for LSI or printed circuit board

Ultra-Sonic Motor Technology
5,939,847 Drive control device for ultrasonic motors

VLSI Fabrication
6,132,908 Photo mask and exposure method using the same
5,841,145 Method of and system for exposing pattern on object by charged particle beam

High Density Flexible Conductors
6,007,668 Tab tape and method for producing same

Electrical Power and Regulation
5,563,493 Power source system of portable information processing system using battery
5,621,623 DC-DC converter using flyback voltage

Computer Architecture
5,574,269 Processing system for processing information in card having plurality of functions

Cable Television Equipment
5,812,929 Bidirectional television system, cable television distributing device and processing terminal device

Laser Eye Surgery
5,835,190 Ophthalmologic curvature measuring device and method to conjointly measure a central and peripheral portion of a curved surface
5,815,240 Ophthalmologic device having means for classifying the picture data in the frame memory into the bright point regions and the mask regions

Sound Suppression Systems
5,583,943 Active noise control system with detouring sound apparatus

Cellular Telephony
5,585,805 Travel velocity detecting apparatus in mobile communication system
5,930,772 Volume-dependent accounting system and method in connectionless communications

Superconductor Equipment
5,587,526 Proof mass support and sensing system

Human/Electronics Interface
5,597,067 Pushbutton switch

Printing/Duplication Technology
5,606,406 Process cartridge provided with an accurately positioned transfer roller

Computer Networks
5,689,661 Reconfigurable torus network having switches between all adjacent processor elements for statically or dynamically splitting the network into a plurality of subsystems

Voice Recognition Software
5,704,005 Speech recognition apparatus and word dictionary therefor

Refrigeration
5,836,169 Coffee Brewer Including Refrigerated Storage Receptacle