



## Communication

We regularly transacts with the U.S. Patent and Trademark Office electronically through the USPTO Patent Center, as well as in-person interviews and traditional written 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.

We are pleased to continue 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

We strive to provide our clients with the highest quality of service for their intellectual property needs. We also realize that projects must be accomplished within a budget to secure the business objective. Based upon our collective experience, we are able to provide a budget that ensures proper attention to each and every case, while maximizing value of our client’s fiduciary resources. We are also able to anticipate budgets for milestones in inter-partes matters while projecting an anticipated number of documents for review and persons to be interviewed.

## 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. Marlette IP Legal Group provides assistance to clients in all aspects of the patent system including Patent Searching, Patent Application Drafting, Patent Prosecution, Legal Opinions, Appellate Practice, Licensing, and Enforcement. We also provide international patent services such as direct filings under the Patent Cooperation Treaty and foreign prosecution and enforcement through our 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.

We often prepare U.S. patent applications with informal drawings supplied by our clients, but can easily prepare high quality formal drawings using Visio or coordinating with our local draftsman. Patent applications are prepared to be compatible with our client’s preferred software packages. 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 related opinions are prepared while recognizing the importance of client resources. The task of preparing patent validity, infringement, or right to use opinions is intimately related to the quality of the search performed.



We provide searching in all areas of technology. We have particular experience in the electrical, computer, software, mechanical, and medical arts. Legal opinions may also be prepared as they relate to the subject matter of a 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 including searching, clearance, and right to use opinions, as well as registration, and *inter partes* proceedings before the Trademark Trial and Appeal Board. In addition, we may provide registration filings for state trademark applications in all fifty of the United States. Our copyright practice includes searching, clearance, legal opinions, registration, and U.S. Copyright Office appellate practice.

## Background and Bar Membership

Todd E. 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 has been affiliated with the American Bar Association (ABA), the Intellectual Property Owners Association (IPO), the American Intellectual Property Law Association (AIPLA), and various local bar associations.

## Scholastic Background

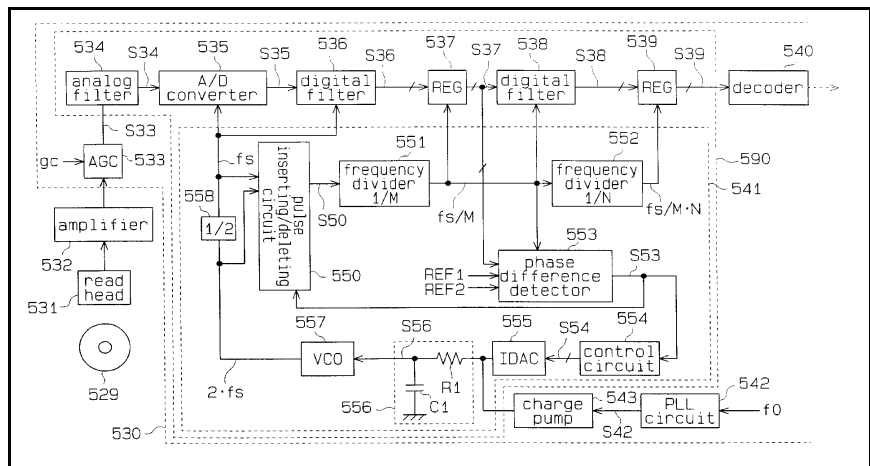
Mr. Marlette earned his bachelor of science in electrical engineering B.S.E.(E.E.) from the University of Michigan College of Engineering. While attending undergraduate school, Mr. Marlette was named to the Dean's List for Academic Achievement and was a Teaching Assistant in the Keller Physics Program.

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

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 and plea negotiations 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



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

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

Washington, D.C. with a prestigious general practice law firm and an intellectual property boutique firm.

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. His thesis -- related to patenting medical devices -- is available upon request.

## Works of Authorship

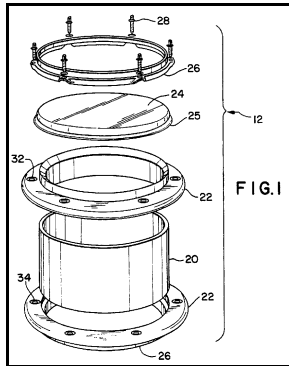
Mr. Marlette has authored a number of articles and publications related to all aspects of intellectual property law including: State Trademark and Unfair Competition Law, Ohio Chapter, revision #8 (Clark, Boardman, Callaghan 1992); "May Trade Show Organizers Be Held Vicariously Liable for the Copyright 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; State Trademark Law Handbook, Todd E. Marlette, © 1999; and State Trademark Law Formbook, Todd E. Marlette, © 1999.

## 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., Qualcomm, Inc., and Lexmark International, Inc.



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

Mr. Marlette has obtained hundreds of patents for clients ranging from relatively straightforward 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 ten years, when appropriate, Mr. Marlette has appealed patent applications to the Board of Patent Appeals and Interferences. Mr. Marlette has successfully conducted number of oral arguments before the Board.

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 small sample of published high technology patents obtained by Mr. Marlette is set forth below. To request a more complete list of the hundreds of patents obtained by Mr. Marlette, please contact us as set forth on the front page.

### 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 cont'

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 / 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