Making the Complex Simple
Contents:

About Our Firm Page 1
Firm Services Page 2
Experience Page 3
Attorney Bios Page 4
Billing Practices Page 7
Fees Page 8
Contact Information Page 11
About Our Firm:
Our practice is based upon the concept that competent attorney skills must be balanced with an experienced engineering background and practical business sensibilities.

We Are EXPERIENCED Engineers:
Our attorneys bring over 25 years of actual engineering experience designing products that drive industry. We speak the same language your inventors speak.

We KNOW Business:
Our attorneys bring decades of experience managing and running business. We align your intellectual property objectives with your business objectives.

We Are SEASONED Attorneys:
Our attorneys bring over 45 years of legal experience focused exclusively on intellectual property law. Only partner-level attorneys will be working on your intellectual property matters.
FIRM SERVICES

Protecting...

Innovation:
Patent Preparation
Patent Prosecution
Freedom to Operate Opinions
Design Around Opinions
Validity/Invalidity Opinions
Novelty Searches
Novelty Opinions
IP Portfolio Management
Trademark Searches
Trademark Applications

Technology:
Open Source
Social Media
Licensing
Website Terms of Use
Non-Disclosure Agreements
Joint Development Agreements

The Arts:
Copyrights
Branding
Contracts
Design Protection
Experience:
We bring to our clients extensive and accomplished experience in all areas of patent, trademark, copyright, and trade secret law. This experience allows us to handle the most challenging legal as well as technical issues. Examples of legal experience prosecuting patent applications include such diverse fields as:

**Software Arts**
- Server Systems
- Autonomous Systems
- Business Software
- Image Editing/Processing
- Embedded Systems
- Internet Intelligence
- Machine Control
- Database Search and Retrieval
- e-Commerce
- Statistically Driven Applications

**Electrical Arts**
- Semiconductors
- Printhead Electronics
- Controllers
- Computer Network Architectures
- Radar Systems
- Bioinformatics
- Routers/Switches
- Amplifiers
- Lighting Controllers
- Transmitters

**Electro-Mechanical Arts**
- Centrifugal Machines
- Electrical Discharge Machines
- Fuser Technology/Laser Printers
- Automotive Intelligence

**Materials Arts**
- Printer Ink
- Polymers
- Ceramics
- Thermal Labels

**Optical Arts**
- Laser Printers
- Laser Survey Equipment
- Night Vision Equipment
- Laser Design

**Mechanical Arts**
- Automotive
- Industrial Vehicles
- Foundry/Industrial Kilns
- Aerospace

**Miscellaneous**
- Medical Testing Equipment
- Photolithography
- Human Factors/Ergonomics
- Explosives

International Presence
Through our network of intellectual property firms, we can manage client needs anywhere in the world. We have extensive experience filing and prosecuting patent matters in Europe, throughout Asia, South America, Australia, Canada, Mexico, and Africa.
Thomas E. Lees has extensive experience as a working engineer designing proprietary precision forecasting software and real-time RF integrated systems for warehouse environments. Tom is also well versed as a business manager.

Moreover, Tom has focused on patent prosecution in electrical as well as computer and Internet related technologies since 1998.

A representative sampling of Tom’s working experience includes:

**Software**
- Java, C++, Assembler, etc.
- Internet
- Open Source

**Electrical**
- Microprocessor Systems
- Transistor/Discrete Circuits
- Vacuum Tube Circuits

**Vehicles and Equipment**
- Control Systems
- Machine Intelligence
- Testing and Analysis

**Lasers, Optics**
- Printers/Testing Equipment
- Night Vision/First Responder
- Architecture

**Musical Equipment**
- Amplifiers
- Instruments
- Lighting/Controllers

**Miscellaneous**
- Foundry/Industrial Kilns
- Explosives
- Photolithography

Tom’s practice emphasizes client counseling regarding U.S. and foreign patent matters including preparation and prosecution of utility and design patents. Tom’s practice further includes preparation of patentability, infringement, clearance, and validity opinions. Tom also practices in the areas of open source licensing, trademarks, copyrights, branding, and intellectual property litigation support.

Tom has been invited to present on open source, software patents, prior art, and deployment of technology, among other topics.

Tom enjoys designing, building and restoring vacuum tube amplifiers, electric guitars, and effects. Tom is a musician, performing as a guitarist in a local country band. Tom is also the technical editor for Bass Gear Magazine, providing detailed technical reviews of amplifiers and related technology. In his remaining spare time, Tom enjoys snowboarding and sport tour motorcycle riding.

- B.S. in Electrical Engineering with Computer Science option - The Ohio State University (1992)
- J.D. - Capital University School of Law (1998) (Order of the Curia, several CALI awards).
- Past President of the Dayton Intellectual Property Law Association
- Board member of the Program in Law & Technology, University of Dayton School of Law
- Trustee of the Engineering and Science Hall of Fame
- Member of the American Intellectual Property Law Association and Ohio State Bar Association
- U.S. District Court, S.D. of Ohio
- Registered Patent Attorney No. 46,867
- Ohio Attorney Registration No. 69,432
Brian P. Sullivan has worked for twelve years as a field applications engineer primarily involving Altera field-programmable gate arrays. Since 2010, Brian has focused on patent prosecution in electrical fields as well as advancements in computer technology and Internet-based technologies.

Brian has extensive electrical engineering experience. In the twelve years between getting his undergraduate degree and entering law school, Brian worked as a field applications engineering specialist. During this time, he lived in Silicon Valley, Chicago and Dayton, and supported digital designers across the United States in the design and use of Altera field programmable gate arrays (FPGA). His experience includes:

**Languages**
- VHDL
- Verilog
- AHDL

**Applications**
- Military and Aerospace
- Industrial Controls
- Simulators and Displays
- Printers, Thermal Print Heads

**Communications**

**Networking**

**Applications**
- ASIC Replacement
- Digital Signal Processing

Brian’s law practice emphasizes client counseling regarding U.S. and foreign patent matters including portfolio management, prosecution, and IP enforcement. Brian's practice also includes the areas of trademarks, copyrights, and intellectual property litigation support. In addition to the areas listed above, Brian’s practice includes:

**Java-Based Applications**

**Medical Analyzers**

**Internet-Based Technologies**

**High-Density Boron Carbide**

**Industrial Vehicle Communications**

**Detonation Systems**

Brian enjoys playing a round or two of golf, fiddling around with his guitars, and the Cleveland Browns.

Brian's associations include:
- Bachelor of Electrical Engineering: University of Dayton 1995
- Juris Doctorate: University of Dayton 2010
- Master of Laws in Intellectual and Technology Law: University of Dayton 2010
- Member of the Dayton Intellectual Property Law Association
- Trustee of the Engineering and Science Hall of Fame
- Member of the Ohio State Bar Association
- Registered Patent Attorney No. 67,840
- Ohio Attorney Registration No. 86,985
Michael Chan, of counsel, has 27+ years of experience in predominately preparing and prosecuting patent applications before the U.S. Patent and Trademark Office. This experience includes 15+ years of corporate in-house, 8+ years of boutique patent law firm, and 4+ years of solo practice.

Prior to practicing law, Mike has 9+ years of business and electrical engineering experience in a number of industrial marketing and engineering positions including Business Development Manager, International Product Marketing Engineer, Project Engineer, International Field Service Engineer, Research & Development Engineer, and Electrical Safety Analyst.

A representative sampling of Mike’s experience includes:

**Electrical/Software**
- Bank Card Readers
- Bar Code Scanners
- Automated Teller Machines
- Vehicle Airbag Systems
- Vehicle Seatbelt Restraints
- Active Vehicle Suspensions
- AC/DC Motor Test Stands
- Military Aircraft Regulators
- Military Torpedo Data Acquisition
- Gas Turbine Electrical Controls
- Industrial Programmable Controllers
- User Interface Handling Software
- Database Management Software
- e-Commerce Software

**Mechanical/Hydraulic**
- Vehicle Air Brake Systems
- Document Encoders/Sorters
- Inkjet/Thermal Printers
- Gas Turbine Switchgear
- Load Banks
- Gerotor Motors

**Chemical/Materials**
- Adhesives
- Printer Inks
- Glass Beads
- Polymer Composites
- Circuit Board Coatings
- Thermal-Sensitive Labels

Mike's practice emphasizes client counseling regarding U.S. and foreign patent matters including preparation and prosecution of utility and design patents, portfolio management, and IP enforcement.

Mike enjoys international travel, long-distance bicycling, and wine tastings & festivals.

Mike's associations include:
- B.S. in Chemistry: Wright State University (2014)
- M.B.A.: Cleveland State University (1984)
- B.S. in Electrical Engineering: Case Western Reserve University (1977)
- Member of the American, the Dayton, and the Cleveland Intellectual Property Law Associations
- Registered Patent Attorney No. 33,663
- Ohio Attorney Registration No. 40,423
Our Billing Practices Are Customized to Our Clients' Requirements:

We are dedicated to controlling costs and bringing predictability to fees billed to our clients. We focus on billing arrangements that bring value to both parties, such as task-based billing, per matter charges, etc. However, where appropriate, we also offer reasonable hourly rates. Further, we currently work with several different e-billing services and can accommodate any client billing requirements.

There may be certain exceptional matters that require a significant amount of complex work. If such a matter arises, we will contact you, explain the circumstance clearly and only bill excess amounts that have been previously agreed upon by both the responsible attorney and the client.

Moreover, our billing practice has no hidden charges, including no administrative fees unless specifically identified, and no surcharges for patent illustrations, searches, copies, telephone calls or regular letters. Other mailings and packages are billed at cost.
<table>
<thead>
<tr>
<th>PATENTS</th>
<th>Our Law Firm Rates</th>
<th>AIPLA 2013 Avg. Economic Survey Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Attorney Fees for Patentability Search and Opinion</strong></td>
<td>$2,000</td>
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<tr>
<td><strong>Attorney Fees to Prepare a Patent Application</strong></td>
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<td>Provisional Application(^1)</td>
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<td>4,595</td>
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<tr>
<td>Utility Application(^2)</td>
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<tr>
<td>Utility Application up to 10 Pages and 10 Claims</td>
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<td>7,020</td>
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<td>Utility Application - Complex</td>
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<td>Convert Provisional Written by Our Firm to Utility</td>
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<td>Continuation Application</td>
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<td>Unavailable</td>
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<tr>
<td>Enter USPTO Based on PCT</td>
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<td>Design Application(^3)</td>
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<tr>
<td>PCT Application with U.S. as the Receiving Office(^4)</td>
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<td>1,269</td>
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<td><strong>Attorney Fees to Respond to an Office Action</strong></td>
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<tr>
<td>Response to Office Action</td>
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<td>2,750</td>
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<tr>
<td>Appeal to Board without Oral Argument</td>
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<td><strong>Additional Fees</strong></td>
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<tr>
<td>Issuing Allowed Application</td>
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<td>Correspondence, Phone Calls, Docketing, Copying, and Postage</td>
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<td>Unavailable</td>
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<tr>
<td>Patent Drawings per Sheet</td>
<td>$50 - 120</td>
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**Minimum Government Fees Charged by the U.S. Patent and Trademark Office:**

<table>
<thead>
<tr>
<th>Fee Description</th>
<th>Micro Entity</th>
<th>Small Entity</th>
<th>Large Entity</th>
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<tbody>
<tr>
<td>Provisional Application(^1)</td>
<td>$65</td>
<td>$130</td>
<td>$260</td>
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<tr>
<td>Utility Application(^2)</td>
<td>$400</td>
<td>$730</td>
<td>$1,600</td>
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<tr>
<td>Design Application(^3)</td>
<td>$190</td>
<td>$380</td>
<td>$1,600</td>
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<tr>
<td>PCT Application(^4)</td>
<td>$4,500</td>
<td>$4,500</td>
<td>$4,500</td>
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<tr>
<td>Request for Continued Examination</td>
<td>$300</td>
<td>$600</td>
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<tr>
<td>Issue/Publication Fees</td>
<td>$240</td>
<td>$480</td>
<td>$960</td>
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Above government fees can vary based upon a number of factors.

**Effective October 2014**
**TRADMARKS**

<table>
<thead>
<tr>
<th>Attorney Fees for Trademarks</th>
<th>Our Law Firm Rates</th>
<th>AIPLA 2013 Avg. Economic Survey Rates</th>
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</thead>
<tbody>
<tr>
<td>Trademark Application (per class)(^5)</td>
<td>$ 500</td>
<td>915</td>
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<tr>
<td>Statement of Use (per class)(^6)</td>
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<tr>
<td>Request for Extension of Time(^7)</td>
<td>$ 50</td>
<td>Unavailable</td>
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<tr>
<td>Response to Office Action</td>
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<tr>
<td>Section 8 and 15 Declaration</td>
<td>$ 150</td>
<td>544</td>
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<td>Renewal Application</td>
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<tr>
<td>Trademark Oppositions and Cancellations</td>
<td>Hourly</td>
<td>Unavailable</td>
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</table>

**OTHER**

<table>
<thead>
<tr>
<th>Other Attorney Fees</th>
<th>Our Law Firm Rates</th>
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<tbody>
<tr>
<td>Open Source Consulting</td>
<td>$ Varies</td>
</tr>
<tr>
<td>Infringement, Clearance, Freedom to Operate Opinions</td>
<td>$ Varies</td>
</tr>
<tr>
<td>Copyrights(^8)</td>
<td>$ Hourly</td>
</tr>
<tr>
<td>Cease and Desist Letters</td>
<td>$ Hourly</td>
</tr>
<tr>
<td>License Agreement Drafting</td>
<td>$ Hourly</td>
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<tr>
<td>Non-Disclosure Agreement Drafting</td>
<td>$ 200</td>
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<tr>
<td>Contract Review</td>
<td>$ Hourly</td>
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<tr>
<td>Litigation Support</td>
<td>$ Hourly</td>
</tr>
<tr>
<td>Competitor/Industry Watch and Reporting</td>
<td>$ Varies</td>
</tr>
<tr>
<td>Initial Client Consultation</td>
<td>$ Hourly</td>
</tr>
<tr>
<td>Hourly Rates</td>
<td>$ 180 - 240</td>
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**Minimum Government Fees Charged by the U.S. Patent and Trademark Office:**

<table>
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<tr>
<th>All Entities</th>
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<tbody>
<tr>
<td>$ 325</td>
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<tr>
<td>$ 100</td>
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<tr>
<td>$ 150</td>
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<td>$ 35</td>
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</table>

*Above government fees can vary based upon a number of factors.*

**Effective October 2014**
Contact us:

Law Office of

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