

PATENT

Moore & Van Allen provides a broad range of patent related services which include patent prosecution, validity opinions, non-infringement opinions, licensing, technology transfer and strategic alliance agreements, research and development agreements, due diligence review, litigation and also patent portfolio development and management.

At MVA, we have several attorneys who provide patent services within the Intellectual Property Practice Group, all of whom are registered patent attorneys with the United States Patent and Trademark Office and have technical degrees, as well as engineering experience.

Our paralegals are well versed in all aspects of electronic filing, including e-filing of U.S. and PCT patent applications, Information Disclosure Statements and Assignments. Our firm is linked to the U.S. Patent and Trademark Office through the USPTO's "PAIR" (Patent Application Information Retrieval) system. This link enables us to retrieve and provide the most up-to-date case specific information to our clients.

Client Base

Representative patent clients include Invensys, Ericsson Inc., Sony Ericsson Mobile Communications, Nucor Corporation, Rexam Inc., Yale Security, Inc., Corbin Russwin, Inc., United Space Alliance, General Dynamics, Semiconductor Research Corporation, North Carolina State University, Red Hat, Inc., Bank of America, and Acterna.

Technical Fields

All of our patent attorneys are registered to practice before the United States Patent and Trademark Office and have technical degrees in fields such as electrical, computer, mechanical and chemical engineering as well as molecular biology, biotechnology, physics and chemistry. Additionally, most of our patent attorneys have industry experience in areas as diverse as nuclear power, navigation systems, microprocessor design, pollution control and pharmaceuticals

Patent Prosecution

Our patent attorneys guide inventors throughout the entire patent process, from developing patent strategy to mapping the competitive landscape and prosecuting applications. We add value through comprehensive portfolio management, leveraging the impact of our clients' investment in IP protection.

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Electrical

Our experience in the electrical arts includes:

- Electronics and computer based hardware
- Software for all types of applied uses, including voice, video, and data applications for networks
- Computer based control and database management applications
- Electronic communications
- Switched and Internet protocol type
- Electronic commerce, including Internet based and direct dial-up e-business

Mechanical

In the mechanical arts our experience extends to:

- Air pollution control equipment and processes
- Air sampling equipment
- Aircraft vibration and noise reduction systems, flight systems and refueling
- Battery and electrode manufacture and battery cell monitoring
- Carbon-fiber reinforced pultrusion products and machinery
- Conveyor belts
- Door closers, exit devices, mechanical and electromechanical locks, deadbolts, handlesets, jail cell doors
- Fire extinguishers, smoke and CO₂ detectors, and other safety devices
- Floor systems and drainage equipment
- Grain mills
- Law enforcement door breaching and weapon safety
- Lubrication distribution systems and hand-held lubrication devices

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- Medical devices including prosthetic knees and lamina stabilizer, nebulizer and nebulizer control systems, surgical sutures and other closure devices, and dental tools
- Nuclear imaging equipment and phantoms
- Pneumatic motors
- Printers, toner cartridges and rollers
- Pulp and papermaking machinery and processes and papermaking fabric
- Robotics and robot arm tool changers
- Semiconductor manufacturing processes
- Steel making equipment
- Textile manufacturing equipment for dyeing and weaving
- Thermal systems
- Truck covers
- Underwater cable burial equipment, electronics pressure vessels and cable seals
- Water treatment and distribution systems
- Welding equipment

Medical Devices

We also assist clients in the growing field of medical technology. Examples of medical device patents we have obtained for our clients include:

- Prosthetic limbs and lamina stabilizer
- Nebulizers and nebulizer control systems
- Surgical sutures and other closure devices
- Dental tools

Life Sciences

Our patent experience in the life sciences industry includes:

- Pharmaceutical extended delivery systems

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- Derivatives of indolealkanol drugs for pain treatment
- Cancer treatment drugs selective for COX2 inhibition
- Compositions for treatment of rosacea and other dermatological conditions
- Compositions for treatment of ADHD
- Expression vectors, antibodies, proteomics platforms
- Transgenic plants
- Protein, peptide and small molecule pharmaceuticals
- Medical diagnostics
- Pest control compounds

Chemical

In the chemical arts, our experience includes:

- Adhesives
- Dyes and dyeable fabric
- Electroplating and electrowinning processes and compositions
- Fiber-reinforced thermoplastic composite compositions
- Lithium compositions and processes
- Pharmaceutical extended delivery system
- Derivatives of indolealkanol drugs for pain treatment
- Cancer treatment drugs selective for COX2 inhibition
- Compositions for treatment of rosacea and other dermatological conditions
- Compositions for treatment of ADHD
- Polymer chemistry
- Pulp and papermaking compositions
- Resins including phenoxy resins and polyether coatings for deformable substrates, sterols and particularly phytosterols