

INTELLECTUAL PROPERTY LAW
INCLUDING PATENTS, TRADEMARKS,
COPYRIGHTS AND UNFAIR COMPETITION

RESUME

CONLEY ROSE was formed in Houston, Texas on April 1, 1991, opened its Dallas, Texas office on July 1, 2000, opened its Austin, Texas office on May 1, 2005 and opened its first office outside of Texas in Fort Collins, Colorado on June 1, 2007. The firm currently has over forty professionals, making it one of the largest firms in Texas focusing exclusively on intellectual property matters. The Firm of Conley Rose, P.C. specializes in intellectual property law, including patents, trademarks, copyrights, trade secrets, unfair competition, and covenants not to compete. The practice includes litigation, technology transfer, prosecution of applications for patents, trademarks, and copyrights, franchising, and counseling on such matters. The Firm website may be found at www.conleyrose.com.

Representative Clients

The Firm's representation of the following clients is a matter of public record: Air Liquide America Corporation, American Airlines, Baylor College of Medicine, Chevron Phillips Chemical Company, ConocoPhillips, Cameron International Corporation, Cyberonics, Inc., Daniel Industries, Inc., E*Trade Financial Corporation, Eltron Research and Development, Enventure Global Technology, L.L.C., Futurewei Technologies, Inc., Halliburton Energy Services, Hewlett-Packard Company, Landmark Graphics, Leggett & Platt, McAfee, Inc., National-Oilwell Varco, LP, Nova Chemical, Rentech, Inc., Research In Motion, Rice University, Ritchie Engineering Company, Safeway, Samsung Telecommunications, Shipley Franchise Company, Smith International, Inc., Sprint, Synfuels International, Inc., Temple-Inland Forest Products Corporation, Texas A&M University, Texas Instruments, Inc., Texas Tech University, University of Houston, University of North Dakota, and Zimmer, Inc.

The Firm's Practice

GENERAL

The Firm specializes in intellectual property law, including patents, trademarks, copyrights, trade secrets, unfair competition, and covenants not to compete. The practice includes the following areas:

- Trial and appellate work
- Intellectual property and e-commerce transactions
- Prosecution of applications for patents, trademarks and copyrights
- Counseling regarding the protection, enforcement, and leveraging of intellectual property rights

TRIAL AND APPELLATE PRACTICE

The Firm's trial and appellate practice includes the prosecution and defense of lawsuits in state and federal courts and administrative agencies at both the trial and appellate levels, as well as the representation of clients in arbitration, mediation, and other alternative dispute resolution procedures. The Firm has participated in a number of nationally recognized intellectual property lawsuits at both the trial and appellate court level.

TRANSACTION PRACTICE

The Firm provides services in structuring, drafting, and negotiating intellectual property and e-commerce transactions. Attorneys in the transaction practice assist clients with intellectual property licensing, technology transfer agreements, service agreements, software licensing, marketing and distribution arrangements, franchise agreements, and advertising and entertainment arrangements. In addition, the transaction practice has substantial experience with e-commerce and Internet related transactions, including agreements for web site development and hosting, co-branding, Internet-based services, and content licensing.

PROSECUTION PRACTICE

Professionals of the Firm are licensed to practice before the United States Patent and Trademark Office. This aspect of the practice involves the preparation and prosecution of applications for patents, trademarks, and copyrights in the United States and foreign countries. The Firm has special expertise in the area of high technology electrical prosecution, especially in the area of computer and microprocessor architecture, and has for years been recognized for its expertise in the area of oilfield technology. A group of the Firm's practitioners are also known for their skills in the protection of biomedical innovations, including medical devices and various aspects of biotechnology.

COUNSELING

Counseling clients concerning intellectual property rights is another part of the Firm's practice. Such counseling includes rendering opinions on patent validity and infringement and on trademark and service mark infringement and registration. The Firm also provides advice on the selection, design, and use of trademarks and service marks, and recommendations on the protection of inventions, trade secrets, and copyrightable subject matter.

DIRECTORS/SHAREHOLDERS

J. ROBERT BROWN, JR.

Dallas

Robert Brown practices intellectual property law including patents, trademarks, copyrights and trade secrets with a focus on U.S. and foreign patent prosecution, technology licensing and client counseling in the software, electrical and telecommunications fields. Mr. Brown has developed trade secret protection programs, procedures for internal and external invention submissions, and has negotiated and prepared a variety of licenses and agreements for the development, manufacture and marketing of intellectual property.

Prior to joining the Firm, Mr. Brown had previously spent several years working with the International law firm of Hunton & Williams in their intellectual property practice in Dallas, Texas. He worked during law school as a patent agent at the intellectual property firm of Dunlap, Coddling & Rogers in Oklahoma City, Oklahoma. Prior to attending law school, Mr. Brown worked for five years as a computer programmer and systems analyst.

Mr. Brown has authored and co-authored papers including "Prosecution Strategies and Ethical Considerations" for the 39th Annual Intellectual Property Institute for the Center for American and International Law and "Software Patent Dynamics: Software as Patentable Subject Matter After State Street Bank & Trust Co." for the Oklahoma City University Law Review. Mr. Brown attended West Texas A & M University where he received his B.S., *cum laude*, in computer science in 1993. He received his J.D., *magna cum laude*, from Oklahoma City University Law School, where he served as Articles Editor of Law Review and received the Managing Editor's Award in 2000.

Mr. Brown is a member of the Texas and Oklahoma bars and admitted to practice before the United States Patent and Trademark Office. He is a member of the American Bar Association, American Intellectual Property Law Association and the Dallas-Ft. Worth Intellectual Property Law Association. Mr. Brown regularly attends the Southwest Venture Capital fund raising events and Richardson Telecom Corridor technology events.

RODNEY B. CARROLL

Dallas

Rodney Carroll practices in all areas of intellectual property, including patent and trade secret litigation, U.S. and foreign patent preparation and prosecution, and business transactions such as technology transfers and licensing, merger and acquisition due diligence, and research & development agreements. His experience spans such diverse arts as petroleum exploration and refining; organic and polymer compositions, catalysts, and processing, including pharmaceuticals and cosmetics; mechanical devices, including automotive and watercraft components, medical devices and lasers; analog and digital printing technology; telecommunications electronics; computer software, frameworks and methods, including object technology; and business methods.

Prior to joining the Firm, Mr. Carroll served as in-house patent counsel for Conoco, Inc. and its former parent company, DuPont as well as Atlantic Richfield Company. Mr. Carroll was also a patent litigation associate for the firm of Morris, Nichols, Arsht & Tunnell in Wilmington, Delaware.

Mr. Carroll attended the University of Texas School of Law in Austin. He received his J.D. with honors in 1994 and was a member of the Order of the Coif, a staff member on *The Review of Litigation*, and a legal research and writing instructor. In 1990, Mr. Carroll received his B.S. in chemical engineering, *cum laude*, from the University of Arkansas in Fayetteville.

Mr. Carroll is a member of the Texas and Delaware bars and is admitted to practice before the U.S. Patent and Trademark Office and the U.S. District Courts of Delaware and the N.D. and E.D. of Texas. He is a member of the American Intellectual Property Law Association and is a tribal member of the Cherokee Nation of Oklahoma.

KRISTIN JORDAN HARKINS

Dallas

Ms. Harkins has substantial experience in patent, trademark and copyright preparation and prosecution, and business transactions, including licensing, technology transfers, merger and acquisition due diligence, uses of intellectual property on the internet, opinion work, and other intellectual property transactional work. She also has significant experience in patent and trademark infringement litigation, as well as trademark proceedings before the U.S. Patent and Trademark Office. Her expertise is in the mechanical, chemical and electro-mechanical arts.

Ms. Harkins' primary focus is counseling clients in identifying, developing, protecting, and defending their patents, trademarks and copyrights, including maximizing the value of the clients' intellectual property portfolio.

Upon earning her Bachelor of Science degree in Mechanical Engineering with High Honors from the University of Texas at Austin in December 1983, Ms. Harkins worked at Exxon Company, U.S.A. for five years as a production and reservoir engineer for several oil and gas fields in East Texas and Oklahoma. Her responsibilities included designing new well completions and workovers of existing wells, production equipment design and installation and economic and reservoir evaluation, with a particular emphasis on secondary recovery waterfloods. While at Exxon, she earned a Masters in Business Administration from the University of Houston in May 1988.

Ms. Harkins attended the University of Texas at Austin School of Law and received her J.D. with Honors in May 1993. She is a member of the State Bar of Texas and is the 2002-2003 Intellectual Property Section Committee Chair for the Patent and Trademark Offices Affairs. She is registered to practice before the U.S. Patent and Trademark Office and is licensed to practice before the U.S. Courts of Appeals for the Federal Circuit and the Fifth Circuit and the U.S. District Court for the Northern District of Texas. She is a Registered Professional Engineer in the State of Texas. She is a member of the American Intellectual Property Law Association and the International Trademark Association. Her publications and presentations include "Aligning Trademarks with Business Objectives: a Practical Guideline," paper presented at the March 2002 Texas State Bar Intellectual Property Section CLE; and "Highlights of the Madrid Protocol," paper presented at the March 2003 Dallas/Fort Worth Intellectual Property Law Association CLE.

JONATHAN M. HARRIS

Houston

Jonathan M. Harris specializes in intellectual property with a particular focus in patent prosecution in the electrical arts.

Mr. Harris received a Bachelor of Science degree in electrical engineering from the University of Texas in 1986 and Masters degrees in electrical engineering and business administration from the University of Houston. Mr. Harris earned a Doctor of Jurisprudence degree from the South Texas College of Law. Due to academic excellence, Mr. Harris was elected Note and Comment Editor of the South Texas Law Review.

Mr. Harris' legal practice has focused largely on drafting and prosecuting patent applications in the electrical arts including areas such as computer systems, microprocessor architecture, medical devices, and seismic systems. Mr. Harris also has extensive experience representing clients in litigation, licensing, and other intellectual property issues. For example, Mr. Harris has been instrumental in helping various clients manage their patent portfolios.

He is admitted to practice before the United States Patent and Trademark office, the United States District Courts for the Southern District of Texas, and the United States Court of Appeals for the Federal Circuit and is an active member in numerous intellectual property related organizations

GREGORY L. MAAG

Houston

Gregory L. Maag has specialized in intellectual property litigation and counseling since joining the Firm in 1983. His primary emphasis has been in the litigation of disputes involving patents and trade secrets, as well as trademark infringement matters.

Mr. Maag received a Bachelor of Science degree in Electrical Engineering with honors from the University of Florida in 1978. While an undergraduate, Mr. Maag was selected as a member of two engineering honor societies, Tau Beta Pi and Eta Kappa Nu. Thereafter, he practiced five years as an engineer with Brown & Root, Inc. in Houston, concentrating on the design and installation of electrical distribution and control systems for petro-chemical facilities. Mr. Maag is a Registered Professional Engineer licensed by the State of Texas.

While employed as an engineer, Mr. Maag earned a Doctor of Jurisprudence from the University of Houston Law Center, where he graduated *cum laude* in 1983. Due to academic excellence, Mr. Maag was elected associate editor of the Houston Law Review and was selected as a member of the Order of the Coif and the Order of the Barons.

Due to his previous experience and technical expertise in the area of power systems and controls, Mr. Maag's legal practice has also included drafting and prosecuting to issuance a substantial number of U.S. and foreign patent applications in the electrical arts. He has also prepared and prosecuted numerous patent applications relating to drill bits, oil field tools and systems, as well as materials handling equipment.

Mr. Maag is admitted to practice before the United States Patent & Trademark Office, the U.S. Court of Appeals for the Federal Circuit, the U. S. District Court for the Southern District of Texas, and in Texas State Courts. He is an active member of the American Bar Association, the Houston and American Intellectual Property Law Associations, the Houston Bar Association, the International Trademark Association and the ABA Forum Committee on Franchising.

JONATHAN M. PIERCE

Houston

Jonathan Pierce received his Bachelor of Science degree in Aerospace Engineering from Boston University in 1992 and his Juris Doctorate degree from Louisiana State University in 1996. While at LSU, Mr. Pierce was a member of the National Moot Court Team (1995) and a member of the Appellate Advocacy Board (1995-96).

Mr. Pierce specializes in patent and trademark law. His patent practice focuses on infringement litigation, mechanical patent prosecution (both domestic and foreign), infringement opinions, and patentability opinions, while his trademark practice focuses on selection and use counseling, registrability opinions, domestic and foreign prosecution, *inter partes* proceedings, and infringement litigation.

Mr. Pierce is admitted to practice before the United States Patent and Trademark Office. Mr. Pierce is a member of the Texas State Bar and the Louisiana State Bar.

MICHAEL W. PIPER

Dallas

Michael Piper practices in all areas of intellectual property law. Mr. Piper currently spends much of his time in development and management of IP and patent portfolios and oversight of preparation and prosecution in support of those goals as well as counseling and representation to achieve successful resolution or avoidance of IP conflicts for his clients. Mr. Piper has dealt extensively with the preparation and prosecution of U.S. and foreign patent applications, the preparation of legal opinions, and the litigation of patents, with particular emphasis on telecommunications products and services and supporting software and infrastructure, computer enterprise architecture and middleware solutions and processes, enterprise security and vulnerability software, search software, and other software generally, oilfield technology, computer and electronic components, chemical processes and products, and mechanical technology in general. Mr. Piper has also had significant experience in trademarks, trade secrets, and copyrights including litigation, registration, prosecution, and counseling. A primary focus of Mr. Piper's in-house experience was the evaluation and negotiation of various IP agreements, including software and patent licenses, and key IP provisions in other agreements, including merger and sale agreements both by asset transfer and sale of stock. Mr. Piper is a founder of the Firm's Dallas office.

Prior to joining the Firm, Mr. Piper had previously enjoyed working in a variety of Intellectual Property practices, from a small to a large firm in private practice, to time spent as an in-house IP counsel with ARCO. Mr. Piper has co-authored several papers including "Contracting with Corporate Inventors & Key Personnel" and has been a lecturer and served as coordinator and moderator for a variety of continuing legal education programs. Mr. Piper is also active in the leadership of the American Intellectual Property Law Association having helped start the AIPLA Online Programs Committee and receiving the AIPLA President's Award for Outstanding Service for 2006 for those efforts. Mr. Piper is currently the Chair of a new Special Committee on Public Education for the Association.

Mr. Piper attended Texas A&M University where he received his B.S. in mechanical engineering, with Honors in 1991. He received his Doctor of Jurisprudence with honors in 1994 from the University of Texas School of Law. While at the University of Texas, Mr. Piper was one of the founding members of the Texas Intellectual Property Law Journal and served as its Technical Editor

Mr. Piper is a member of the Texas bar and is admitted to practice before the U.S. Court of Appeals for the Federal Circuit and U.S. District Court, Northern, Southern, and Eastern Districts of Texas and is registered to practice before the U.S. Patent and Trademark Office.

CHARLES J. ROGERS

Houston

Charles Rogers assists Firm clients in a broad range of complex intellectual property litigation matters, licensing agreements, and patent prosecution. His extensive intellectual property litigation experience covers all areas of discovery, motion practice, injunctions, and trials in state and federal courts, including briefing and oral argument of appeals in the U.S. Court of Appeals for the Federal Circuit and the U.S. Court of Appeals for the Fifth Circuit.

Mr. Rogers received a Bachelor of Science degree in Mechanical Engineering from the University of Texas at Austin in 1989, and an M.B.A. from the University of Houston Graduate School of Business in 1992. Mr. Rogers earned a Doctor of Jurisprudence degree from the University of Houston Law Center in 1992.

Mr. Rogers was a Research Editor for the Houston Law Review in 1992, and served as a judicial law clerk in 1993-1995 for the Honorable Wilson Cowen, Senior Circuit Judge on the United States Court of Appeals for the Federal Circuit.

Mr. Rogers is admitted to practice before the United States Supreme Court; the United States District Courts for the Northern, Southern, Eastern, and Western Districts of Texas; the United States Court of Appeals for the Federal Circuit; and the United States Court of Appeals for the Fifth Circuit.

COLLIN A. ROSE

Houston

Collin A. Rose graduated from Purdue University in 1996 with a Bachelor of Science degree in Mechanical Engineering. He received his Juris Doctor from the University of Houston Law Center 1999. Mr. Rose is admitted to the State Bar of Texas and the Southern District of Texas. Mr. Rose is also registered to practice before the United States Patent and Trademark Office.

Mr. Rose's practice focuses upon providing full-service intellectual property legal advice to his clients. Mr. Rose serves as lead counsel for various parties involved in the acquisition, disposition, licensing, and due diligence of intellectual property on a local, national, and international level. Mr. Rose develops both national and international intellectual property portfolios for clients to maximize protection as well as potential derivative income. Mr. Rose advises corporate executives and in-house counsel in adversarial legal proceedings. Mr. Rose also provides legal opinions regarding third party patents and help clients develop a business plan to minimize potential exposure. Mr. Rose assists clients in challenging patents before the United States Patent and Trademark Office. Mr. Rose also assists clients in their strategic planning processes, maintaining a network of clients and contacts worldwide.

Mr. Rose is admitted to the State Bar of Texas and the Southern District of Texas. Mr. Rose is also registered to practice before the United States Patent and Trademark Office. Mr. Rose also served as a Board member of the Houston Intellectual Property Lawyers Association and is a member of the Society of Petroleum Engineers. Mr. Rose also co-authors the O'Connor's Federal Intellectual Property Codes Plus book published by Jones McClure.

DAVID A. ROSE

Houston

David A. Rose practices in all areas of intellectual property law. His practice emphasizes the transfer of intellectual property, the supervision of the registration of intellectual property, and intellectual property litigation.

Mr. Rose graduated from Purdue University in 1967 with a Bachelor of Science degree in Mechanical Engineering. He received his Doctor of Jurisprudence *cum laude* from Indiana University in 1970 and was a member of the Indiana Law Review and the Order of the Coif.

Mr. Rose's bar and professional organization activities have included many leadership functions including the American Bar Association (Chairman, Committee 104 Patent Contracts 1990-92; Chairman, Committee 107 Government Contracts 1992-94; Chairman, Committee 410 Trade Secrets and Interference with Contracts 1994-96; Chairman, Division IV Related Legal Issues 1996-98, Co-Chairman, Annual Publications 1998-1999; Council member, Intellectual Property Law Section 1999-2003); American Intellectual Property Law Association (Chairman, Inventor Consultation Service Committee 1980-83; Chairman, Publications Committee 1983-85; Chairman, Public Information Committee 1987-89; Delegate to NCIPLA 1990-91; Treasurer 1991-1994; Board of Directors 1990-94); National Council of Patent Law Associations (1986-1991, 1998-2001); National Inventors Hall of Fame Foundation (Director 1989-2001, Treasurer 1990-91, Vice President 1991-92; President 1992-93; Vice-President for Selection, 1995-99); State Bar of Texas (Chairman, Public Information Committee 1982-83; Chairman, By-Laws Committee 1986-87; Board of Directors, Intellectual Property Law Section 1988-90); Houston Intellectual Property Law Association (President 1980-81; Board of Directors and Delegate to NCIPLA 1986-90, 1998-2001); Licensing Executives Society (Chairman, Houston Chapter 1989-90); U.S. Bar/IPO Liaison Council (1990-92); International Association for the Protection of Intellectual Property; Houston Bar Association (Chairman, Unauthorized Practice Committee 1979-81); and Texas Bar Foundation. *Structuring the Franchise*, State Bar of Texas Intellectual Property Law Institute (1987); *Reissue & Reexam Strengthening or Weakening*, American Bar Association Section of Intellectual Property Law, Summer Conference (1998).

MARK E. SCOTT

Austin

Mark E. Scott graduated *summa cum laude* from Texas Tech University School of Law with his Doctor of Jurisprudence degree in 1999 (*Order of the Coif, Phi Delta Phi, Phi Kappa Phi*). Mr. Scott was a registered Patent Agent prior to obtaining his law degree, and worked in that capacity during law school. Mr. Scott received his Bachelor of Science in Electrical Engineering from Texas Tech University in 1991 while working full time for Texas Instruments' Metal Oxide Semiconductor division, gaining extensive experience with plasma etching equipment. Mr. Scott is admitted to practice before the United States Patent and Trademark office, the United States District Courts for the Southern District of Texas, and all Texas State Courts.

Mr. Scott specializes in complex patent prosecution and related litigation. In particular, Mr. Scott has significant experience in the electronic and computer-related arts, including computer software, computer hardware, and microprocessor design and operation. Mr. Scott also assists the firm's oil field service company clients in litigation matters and prosecution of United States and foreign patents for downhole technologies such as mud pulse telemetry, acoustic logging tools, hydraulic permeability testers and electromagnetic resistivity tools. Further, Mr. Scott counsels clients in all aspects of intellectual property law including trademarks, copyrights, trade secrets and foreign patent matters.

TIMOTHY S. WESTBY

Houston

Timothy S. Westby specializes in the chemical arts, including the litigation and prosecution of patents for the chemical and petrochemical industries, and provides intellectual property counseling for process and product development such as patent opinion preparation, patent portfolio development, and pre-litigation management.

Dr. Westby received his Bachelor of Science degree in Chemical Engineering from the Massachusetts Institute of Technology and his Ph.D. in Chemical Engineering from the University of Texas at Austin. As an undergraduate at M.I.T. he was a National Merit Scholar, and was appointed a researcher for the M.I.T. Energy Laboratory, participating in EPA-funded projects related to fluidized bed combustion and pilot plant development. While a graduate student under fellowships from the Department of Energy, Getty Oil, and Arco, he focused on energy-related experimental research and modeling, and consulted for the Texas Energy and Natural Resources Advisory Commission.

After receiving his Doctorate, Dr. Westby was a research engineer at the Shell Development Company's Westhollow Research Center for ten years in Corporate R&D and Environmental R&D. While at Shell, Dr. Westby obtained his Doctor of Jurisprudence degree from the University of Houston Law Center in June 1994.

Dr. Westby's research areas have included: gas-solid reaction kinetics, combustion and reaction engineering, heat transfer, coal gasification and combustion, process economic modeling, risk-based corrective action for waste site cleanup assessment, and high-temperature inorganic melt chemistry, among others. During his career at Shell Development Co., Dr. Westby published more than 50 peer-reviewed technical reports, received three Special Recognition Awards, was a co-inventor on U.S. Patents 4,793,656 and 5,364,421, and co-authored a paper in *J. Inst. Fuel* (1990). Another of Dr. Westby's inventions is the subject of a pending United States patent application. Dr. Westby has been an active member of ASTM (Committee D05), ASME, and AIChE, and was appointed to the ASME Research

Committee on Corrosion and Deposits, and the advisory committees for the Yale High Temperature Chemical Reaction Engineering Laboratory, Ohio State University Combustion Research Laboratory, and Penn State University Energy Institute. He also recruited Ph.D. chemical engineers for Shell Development Company at CalTech and the University of Texas at Austin.

Dr. Westby continues to maintain numerous engineering and professional society affiliations including the North American Catalysis Society, the Southwest Catalysis Society, and the AIChE, presenting "Is Your Patent Worth the Paper It's Printed On?" at the AIChE National Meeting (1999). He has been a Visiting Scholar at Rice University in the Chemistry and Materials Science Departments since 1999.

Dr. Westby is admitted to practice before the United States Patent and Trademark Office, the U.S. Court of Appeals for the Federal Circuit, the U.S. Court of Appeals for the Fifth Circuit, the U.S. District Court for the Southern District of Texas, and in the Texas State Courts, and he is a member of the American Bar Association (Intellectual Property and Litigation Divisions), the Houston Bar Association, the Houston and American Intellectual Property Law Associations, and the College of the State Bar of Texas.

COUNSEL

OF COUNSEL

L.JOY GRIEBENOW

Colorado

L.Joy Griebenow has over 25 years of experience in patent, trademark and copyright prosecution; intellectual property licensing, enforcement and litigation; and corporate transactions involving technology transfer and intellectual property rights. She has extensive experience in high-technology transactional work including software licensing; developing corporate patent strategies, enforcement and licensing programs, and other corporate transactions, including merger and acquisitions, involving the perfection, valuation or transfer of technology assets. Ms. Griebenow has been involved in a variety of technology cases before U.S. District Courts and the Court of Appeals for the Federal Circuit. She has prepared and prosecuted patent applications covering a broad spectrum of technologies including software systems, semiconductor devices, integrated circuits, telecommunications systems, graphics and imaging, storage, optics, mobile computing, nanotechnology, as well as a variety of mechanical and industrial technologies.

She graduated with a B.S. in Electrical Engineering from the University of Michigan and received her law degree from Ventura College of Law. Ms. Griebenow is a member of the American Intellectual Property Lawyers Association (AIPLA), American Bar Association, Association of Corporate Counsel, and is on the advisory council of a nonprofit organization. She is licensed to practice in Colorado, Texas and California, and is licensed to practice before the U.S. Patent and Trademark Office.

ASSOCIATES

SHANNON W. BATES

Dallas

Shannon Bates received a Bachelor of Mechanical Engineering degree with high honors from the Georgia Institute of Technology in 1990. While an undergraduate, she was selected for membership in Omicron Delta Kappa Leadership Honorary, Tau Beta Pi Engineering Honor Society, and Pi Tau Sigma Mechanical Engineering Honor Society.

Thereafter, Ms. Bates worked for eight years as a design, construction and operations engineer for Exxon Pipeline Company where she was responsible for the design and construction of several new and upgraded liquid pipeline systems.

While employed as an engineer, Ms. Bates earned a Doctor of Jurisprudence degree from the University of Houston Law Center, where she graduated *cum laude* in May, 2000. While in law school, Ms. Bates was elected Senior Articles Editor of the Houston Journal of International Law and was selected for membership in the Order of the Coif and the Order of the Barons.

Ms. Bates specializes in patent and trademark law. Her patent practice focuses on mechanical patent prosecution (both domestic and foreign), infringement opinions, and patentability opinions, while her trademark practice focuses on selection and use counseling, registrability opinions, domestic and foreign prosecution, and *inter partes* proceedings.

Ms. Bates is admitted to practice before the United States Patent and Trademark Office, and in Texas State Courts. She is an active member of the Intellectual Property Law Section of the State Bar of Texas, where she serves as a Board member.

E. JOSEPH CARPENTER

Houston

Mr. Carpenter specializes in intellectual property law including patent, trademark, copyright and trade secret law with a focus on U.S. patent prosecution and litigation, technology licensing and client counseling in the mechanical, medical, and aerospace arts.

Mr. Carpenter graduated from the University of Texas at San Antonio in 1996 having earned a Bachelor of Science degree in Mechanical Engineering. Mr. Carpenter worked for over ten years as a mechanical engineer engaged in projects including forensic metallurgy, medical procedure and research devices, aerospace vehicle hardware development and integration, and systems engineering and integration.

While employed as an engineer, Mr. Carpenter attended South Texas College of Law and graduated in 2006 having earned a Doctor of Jurisprudence. Mr. Carpenter served as Contributing Author and Articles Editor of the *Corporate Counsel Review*, the journal of the Corporate Counsel Section of the State Bar of Texas. Also, Mr. Carpenter was a Member and served as Treasurer of the *Intellectual Property and Technology Law Society* at South Texas College of Law.

Prior to joining the Firm, Mr. Carpenter spent several years working with the international business and technology consulting firm of Booz Allen & Hamilton in their Worldwide Technology Business practice in Houston, Texas. In this role, Mr. Carpenter advised clients regarding international technology

agreement negotiations, method and technology trade studies, and NASA technology transfer and commercialization efforts. During this time, Mr. Carpenter met all requirements and completed the examination established by the International Council on Systems Engineering for certification as a Certified Systems Engineering Professional, CSEP.

Mr. Carpenter is a member of the State Bar of Texas and the American Bar Association. Mr. Carpenter is admitted to practice before all Texas State Courts and is a Certified Mediator recognized by the State of Texas.

TIM CHHEDA

Houston

Mr. Chheda specializes in intellectual property, with an emphasis on patents in the electrical arts and professional responsibility. He received his B.S. in electrical engineering from The University of Texas at Austin, and his J.D. from The John Marshall Law School in Chicago, IL.

While in school, Mr. Chheda served as Managing Editor for RIPL—The John Marshall Review of Intellectual Property Law. He also interned for The Honorable John T. Wooldridge, The Honorable Jesse G. Reyes, and The Honorable William G. Pillegi prior to joining the firm.

His publications include *Intellectual Property Implications in a Virtual Reality Environment*, 4 J. MARSHALL REV. INTELL. PROP. L. 483 (2005) and *A Handy List: Comparison of the ABA Model Rules of Professional Conduct with the Patent Rules of Ethics*, 5 J. MARSHALL REV. INTELL. PROP. L. 477 (2006).

ALAN D. CHRISTENSON

Houston

Alan Christenson specializes in the electrical arts, including semiconductor fabrication and testing, communication circuits, software, and robotics.

Mr. Christenson received a Bachelor of Science degree in Electrical Engineering from Brigham Young University in 2002 and earned his Doctor of Jurisprudence from the University of Houston Law Center in May 2007. While an undergraduate, Mr. Christenson participated in a robot soccer project and has extensive experience with software encoded feedback control, digital image filtering, and hardware design and debugging. He also worked for Hart Scientific, supporting temperature measurement and calibration equipment, and Maxim Integrated Products as a test engineering intern while an undergraduate. As an intern, Mr. Christenson designed and built IC test circuits and became familiar with integrated circuit technology and equipment.

Prior to joining the firm, Mr. Christenson worked as a technical advisor for Rader, Fishman, & Grauer, where he drafted patent applications in the fields of wireless communications, networking, and software. He has been admitted to the Eta Kappa Nu honor society and is a member of the Institute of Electrical and Electronics Engineers.

THADDEUS J. FALESKI

Houston

Mr. Faleski practices in various aspects of intellectual property law, including patent prosecution and litigation in the mechanical arts.

Mr. Faleski received a Bachelor of Science in Mechanical Engineering from Texas A&M University in 1999, *summa cum laude*. He received his Doctor of Jurisprudence from the University of Texas School of Law in May 2005. He served as an Associate Editor of the *Texas Intellectual Property Law Journal*, UT School of Law, and a member of the *Intellectual Property Law Society*.

Prior to attending law school, Mr. Faleski worked as a consultant with Ernst & Young Consulting, LLP. While with Ernst & Young, Mr. Faleski worked on projects in the oil and gas and chemical industries.

MICHAEL J. GUTHRIE

Houston

Mr. Guthrie practices in various aspects of intellectual property law, including patent prosecution and litigation in the electrical arts.

Mr. Guthrie received a Bachelor of Science in Electrical Engineering from Rensselaer Polytechnic Institute in 2000 and earned his Doctor of Jurisprudence from the University of Houston Law Center in May 2007. Prior to attending law school, Mr. Guthrie was designated a Surface Warfare Officer in the United States Navy serving as First Division Officer aboard a nuclear powered aircraft carrier and as Damage Control Assistant aboard a guided missile frigate. While serving in the Navy, Mr. Guthrie deployed to Southeast Asia.

JERRY C. HARRIS, JR.

Dallas

Mr. Harris received his M.Ed., in Educational Administration from the University of North Texas in 1998, and a B.A. in Biology from Texas A&M University in 1992. Mr. Harris earned his Doctor of Jurisprudence *cum laude* from Pennsylvania State University in 2002.

Mr. Harris practices intellectual property law including patents, trademarks, copyrights and trade secrets with a focus on U.S. and foreign patent prosecution, technology licensing and client counseling in the software, electrical and mechanical fields. Mr. Harris is also an N.F.L.P.A. registered contract advisor.

Prior to joining the Firm, Mr. Harris worked as a corporate litigator for the Wilmington, Delaware firm, Morris, Nichols, Arsht, and Tunnell, LLP, where he represented boards of directors, special committees, and shareholders of Delaware corporations in litigation involving direct and derivative shareholder actions, challenges to corporate control, and other actions involving Delaware General Corporation Law. Prior to attending law school, Mr. Harris worked for five years as a teacher and administrator at Arlington Heights High School in Fort Worth, Texas.

Mr. Harris' recent publications include Geoffrey R. Scott, et al., *Rising to the Challenge: The Transition From College to Professional Football* (2005); and *The Iakovos Tsakalidis Dispute Between the Phoenix Suns and Greek AEK Before the Court of Arbitration for Sport*, 19 Dick. J. Int'l. L. 531

Mr. Harris is a member of the Delaware State Bar and is admitted to practice before the United States District Court for the District of Delaware and the United States Court of Appeals for the Third Circuit. He is a member of the American Bar Association and the Delaware State Bar Association.

MICHAEL E. LEMAN

Houston

Mr. Leman's practice is focused on patent litigation, portfolio management, and prosecution for domestic and international clients in industries such as oil and gas, mechanical devices, and automotive.

Mr. Leman received a Bachelor of Science in Mechanical Engineering from Rice University in 2001. He received his Doctor of Jurisprudence from the University of Houston Law Center in 2007.

During law school, Mr. Leman worked as a patent agent for Sughrue Mion and Osha Liang, where he prepared and prosecuted patent applications for technologies such as downhole tools, pressure control, automotive components, electronic displays, and laser transmission. In addition, he prepared opinions on validity, infringement, and enforceability matters. During law school, Mr. Leman was an articles editor for the Houston Law Review. Prior to becoming a patent attorney, Mr. Leman worked as a mechanical engineer for Weatherford International designing new downhole tools for oilfield services.

Mr. Leman is a member of the State Bar of Texas, the American Intellectual Property Law Association, Houston Intellectual Property Law Association, and the Society of Petroleum Engineers.

Mr. Leman is registered to practice before the U.S. Patent and Trademark Office.

JOHN LEONARD

Dallas

Mr. Leonard received his Bachelor of Science in Math/Computer Science from the University of Texas at Arlington in 1988, his M.A. from the University of North Texas in 1999 and his Doctor of Jurisprudence from the University of San Diego in 2004.

Mr. Leonard specializes in the electrical and computing arts, including computer systems and software design. His practice is primarily focused on preparing and prosecuting patent applications, and advising clients on legal and technical issues.

Prior to joining the firm, Mr. Leonard worked for the Dallas-Fort Worth Airport Board as a software designer for the Central Utility Plant. He interned for the Honorable Ruben Brooks, U.S. District Court, Southern District of California. Mr. Leonard also taught courses in Argument and Research for the University of California at Irvine.

Mr. Leonard is a member of the Texas Bar Association, the American Bar Association, Intellectual Property Section, the Dallas Bar Association, Intellectual Property Section and the California Bar Association.

A. DAWSON LIGHTFOOT

Dallas

Mr. Lightfoot earned a Bachelor of Science degree in Mechanical Engineering from Texas A&M University, College Station, in 2000. During his time at Texas A&M, Mr. Lightfoot's coursework included the design of oil platform securing devices for sub-sea environments and independent study in nondestructive evaluation techniques. Concurrent with his coursework, Mr. Lightfoot served as President of the Texas Mu Chapter of the Sigma Phi Epsilon National Fraternity, one of the largest such organizations at Texas A&M. Still further, Mr. Lightfoot worked at Johnson Engineering Corporation (co-located at the Johnson Space Center, and now called SpaceHab Government Services) for two semesters as a cooperative education student where he designed astronaut training equipment for International Space Station missions.

Mr. Lightfoot then attended law school at Franklin Pierce Law Center in Concord, New Hampshire before transferring to the University of Houston Law Center where he earned a Jurisprudence Doctorate degree. While at Franklin Pierce, Mr. Lightfoot worked as a media and communication assistant to the Franklin Pierce Intellectual Property Law Library where he assisted in maintaining the Franklin Pierce IP Mall website.

Mr. Lightfoot's practice comprises procuring patents and trademarks, providing opinions on patent and trademark matters, cancelling and opposing trademarks, procuring copyrights, drafting copyright and trademark agreements, and counseling clients on business decisions related to intellectual property matters. Mr. Lightfoot has experience in an exceptionally broad range of technical arts, including: aerospace systems, medical systems, hydrocarbon collection systems, consumer products, electrical systems and connectors, multimedia delivery and display systems, distributed network systems, business methods, and numerous other mechanical, electrical, electro-mechanical, electro-optical, and software related technologies. Mr. Lightfoot has experience serving a variety of clients ranging from independent inventors and artists to large international corporations.

Mr. Lightfoot is a Registered Patent Attorney admitted to practice before the U.S. Patent and Trademark Office, and is licensed to practice law in both Texas and Pennsylvania. Mr. Lightfoot is a member of the American Intellectual Property Law Association and the State Bar of Texas Intellectual Property Law Section where he serves on the Texas Intellectual Property Law Journal committee.

MATTHEW R. MOSCICKI

Houston

Matthew R. Moscicki received a Bachelor of Science degree in Mechanical Engineering *cum laude* from the University of Texas at Austin in 1998, and his Doctor of Jurisprudence from the University of Texas at Austin School of Law in 2001. While in law school, Mr. Moscicki was a member of the Texas Intellectual Property Law Journal (1999-2000) and active on several moot court competition teams.

Prior to law school, Mr. Moscicki received the National Merit Scholarship, College Scholar Award, as well as several other scholarships and awards. In addition, he was selected for membership in the Engineering Honors Program, Tau Beta Pi Engineering Honor Society, and Pi Tau Sigma Mechanical Engineering Honor Society. Mr. Moscicki specialized in the areas of heat transfer, thermodynamics, and internal combustion engines. Mr. Moscicki was instrumental in designing the control circuit for an on-board gasoline distillation system used in ethanol-powered vehicles, now included in a United States patent assigned to Ford Global Technologies, Inc.

Mr. Moscicki is admitted to the State Bar of Texas, and specializes primarily in patent prosecution and litigation in the mechanical arts.

GRANT RODOLPH

Dallas

Mr. Rodolph specializes in patent and trademark law. His patent practice expertise includes domestic and foreign patent preparation and prosecution, patentability opinions, clearance opinions, design-around studies, infringement opinions, and client counseling related to patent issues. Mr. Rodolph's experience spans such diverse arts as polymer compositions, catalysts, and processing; petroleum exploration and refining; steel refining and processing; commercial food processing; air separation methods; computer software, frameworks, and methods; mechanical devices, including automotive components, oilfield tools, electromechanical devices, and medical devices; and business methods. His trademark practice focuses on domestic trademark prosecution, selection and use of trademarks, and related opinion work. Mr. Rodolph also has experience in patent, trade dress, and commercial litigation. Prior to joining the firm, Mr. Rodolph developed significant experience at another intellectual property law firm as a technical writer, a patent agent, and an attorney.

Mr. Rodolph was previously an engineer with Linde AG, an engineering, manufacturing, and construction firm specializing in the design, manufacture, and installation of industrial processing plants. While with Linde, he was involved with the manufacture and design modification of a broad range of process plants, including air separation plants, hydrogen production plants, sulfur recovery plants, natural gas liquid recovery plants, cyclohexane production plants, tobacco modification plants, and numerous refinery upgrades and modifications. He proposed, designed, and managed construction and operation of a \$250,000 radiographic film processing and evaluation center to support the company's manufacturing facilities. Mr. Rodolph was also responsible for overseeing quality of the company's manufacturing operations, outside vendor quality, and ensuring company compliance with ASME, ISO, and customer specifications.

Mr. Rodolph received his Doctor of Jurisprudence from Southern Methodist University in 2003. He received a Bachelor of Science in Chemical Engineering from the University of Oklahoma in 1998. He is a member of the American Intellectual Property Law Association, American Bar Association, State Bar of Texas, Intellectual Property Section and the Dallas/Fort Worth Intellectual Property Law Association.

CAROL E. SMITH

Houston

Dr. Smith received her Bachelor of Science in Mechanical Engineering from Georgia Institute of Technology in 1983 with honors, a Masters of Science in Mechanical Engineering from Kansas State University in 1985, her Ph.D. in Mechanical Engineering from Kansas State University in 1985 and her Doctor of Jurisprudence from the South Texas College of Law in 2006.

Dr. Smith specializes in patent law. Her patent practice primarily focuses on mechanical patent prosecution (both domestic and foreign).

Prior to joining the firm, Dr. Smith worked with ABB Vetco Gray, Inc. in Houston, Texas as a principal engineer performing stress, thermal and fatigue analyses of offshore systems and components. She also worked with Stress Engineering Services in Houston, Texas as a consultant for companies in the oil and gas, chemical, and aerospace industries.

Dr. Smith is also a registered Professional Engineer in the State of Texas. Her master's program focused on testing and analysis of underfloor heating systems, and her doctoral research involved the development of a transient, three-dimensional finite element computer model of the heat transfer and blood flow in the human body as a function of nonuniform environmental conditions and varying levels of physical activity.

Dr. Smith is admitted to practice before all Texas State Courts.

THOMAS L. WARDEN

Houston

Tom Warden assists clients in protecting a broad range of intellectual property assets, including patents, trademarks, trade secrets, and copyrights. Tom's practice focuses on working closely with clients to develop effective litigation strategies in all forms of intellectual property litigation, from negotiation through trial and appeal. Tom also assists clients in developing successful, forward-looking intellectual property business and employment practices, and building valuable technology licensing relationships.

Mr. Warden graduated from the University of Minnesota in 1988 with a Bachelor of Science in Aerospace Engineering and Mechanics. He received his Juris Doctor from South Texas College of Law in 1997. Prior to entering law school, Mr. Warden was a Captain in the United States Marine Corps where he served three combat and humanitarian aid deployments during Operations Desert Shield and Desert Storm.

Mr. Warden is admitted to practice before the United States Patent and Trademark Office, the United States Courts of Appeal for the Fifth and Federal Circuits, and the United States District Courts for the Southern and Eastern Districts of Texas. He is a member of the Houston Bar Association; American Intellectual Property Law Association; Intellectual Property and Computer Law Sections of the State Bar of Texas, and the Houston Intellectual Property Law Association.

DAVID M. WILSON

Houston

Mr. Wilson has extensive experience in software design for microprocessors and microcontrollers, including fixed and floating-point digital signal processors. His software work has included the development and application of real-time operating systems and communication protocols for large distributed seismic data acquisition systems.

Mr. Wilson's electronic hardware design experience includes conception, specification and design of digital circuits and systems employing components ranging from discrettes to integrated circuits and commercial off-the-shelf modules, with special emphasis on low-power microprocessor and programmable logic designs for portable battery powered systems.

Prior to joining the firm, Mr. Wilson acquired 25 years of experience designing data acquisition and energy source control systems for the seismic exploration industry. His experience includes all phases of seismic system design and field application for land-based radio and cable telemetry systems, as well as marine towed streamer and ocean bottom acquisition systems. Mr. Wilson has particular expertise in digital telemetry, distributed command and control, and in-field data processing.

Mr. Wilson received a Bachelor of Science degree in Engineering Technology from the University of Houston. Mr. Wilson is registered to practice before the United States Patent and Trademark Office. He is also a named inventor on several U.S. patents granted on systems and methods relating to seismic data acquisition and recording. Mr. Wilson is a recent 2007 graduate from the University of Houston and is preparing to take the Texas Bar examination to become a licensed attorney to practice in the State of Texas.

PATENT AGENTS AND TECHNICAL ADVISORS

RAYAN ALASSAAD

Dallas

Dr. Alassaad has experience in the areas of optical metrology, image and signal processing, microscopy, scatterometry, opto-mechanical design, photonic crystals, diffractive optics, statistical data analysis, inverse problem optimization techniques, and computer modeling. He serves as a Technical Advisor in the Firm's Dallas office.

Dr. Alassaad worked as a Research Associate in the Nanoscale Integration Lab at the University of Texas at Dallas, as well as in the Optical Instrumentation Lab. Dr. Alassaad worked with electromagnetic modeling using RCWA and FDTD, as well as critical dimension metrology in semiconductor processing and nanolithography, scatter-field microscopy, and surface Plasmon imaging. Prior to Dr. Alassaad's work at the University of Dallas, he was a teaching assistant for undergraduate electrical engineering courses at the University, consisting of the Electronic Circuits Lab, Electronics Devices and Advanced Engineering Math. Dr. Alassaad was a computer programmer at BAB International for several years.

Dr. Alassaad received his Bachelor of Science degree in Computer Science from the Lebanese American University in 1998, a Masters of Science degree in Electrical Engineering from the University of Texas at Dallas in 2003, and his Ph.D. in Electrical Engineering from the University of Texas at Dallas in 2006.

Dr. Alassaad is fluent in French as well as English.

Dr. Alassaad's recent publications include: R.M. Al-Assaad, E.M. Drege, D. M. Byrne, Proc. SPIE 4692, pp. 17-28, 2002, E.M. Drege, J.M. Al-Assaad, D. M. Byrne, Proc. SPIE 4689, pp. 151-162, 2002, R. Al-Assaad and D. Byrne, *Op. Soc. Am. A* 24, pp. 326-338, 2007, R. M. Al-Assaad, L. Tao and W. Hu, *Proc. SPIE 6518*, pp. 651839, 2007. R. M. Alassaad, et. al., *J. Vac. Sci. Technol. B*, in print. R. M. Alassaad, L. Tao, and W. Hu, *J. Micro/Nanolith. MEMS MOEMS*, in print.

ZACK D. BARNES

Houston

Mr. Barnes is a technical advisor in the Firm's Houston office who specializes in biotechnology, nanomaterial, and chemical arts. He joined the Firm in July of 2007.

Mr. Barnes received his Bachelor of Science degree in Molecular Biology in 2003 from the University of Texas at Austin and his M. A. in Plant Biology in 2006 from the University of Texas at Austin. While an undergraduate at the University of Texas at Austin, Mr. Barnes participated in research in many diverse fields including electrolyte concentrations impact on muscle atrophy, paleo-DNA recovery, and high resolution transmission electron microscope imaging of proteins, nucleic acids, and soft polymer films. Additionally, he spent his nights employed as a certified pharmacy technician.

As a graduate student in the Plant Biology department, he investigated the nanomaterial applications for cellulose creating a series of protocols that allow nanoscale manipulation, and fabrication of thermoplastic and cellulosic films in electron beams while retaining all native chemical characteristics. The result of which was a co-authored publication Biomacromolecules. Additionally, Mr. Barnes supplemented research and development of electronic paper by demonstrating cellulose-carbon nanotube and cellulose-metal nanoparticle composites as potential conductive materials.

In the Spring of 2007, he chose to attend the University of Texas at Austin as a non-degree seeking student in Chemistry. During this time, he was the lead presenter on a team of students who placed in the University of Texas Idea to Product Competition presented by the Engineering Department and Technology Entrepreneurship Society.

NATALIE BEATON

Houston

Natalie Beaton is a technical advisor in the Firm's Houston office, specializing in the chemical, biological and mechanical arts.

Dr. Beaton received her Bachelor of Science degree in Chemical Engineering from Cornell University in 1993, with honors. While an undergraduate, Dr. Beaton received several scholarships and grants, and was selected as a member of the Tau Beta Pi engineering honor society. Dr. Beaton received a Ph.D. in chemical engineering from the University of Houston in 1999. While at the University of Houston, she was awarded a graduate fellowship from Texaco. Dr. Beaton's graduate research was in the area of ion-exchange chromatography, with an emphasis on competition and rapid kinetics. This work involved the creation and characterization of heme-substituted cytochromes b5 which were used to study the effect of charge distribution/net charge on adsorption competition. Dr. Beaton has co-authored papers in the Journal of Chromatography A.

Prior to her affiliation with the Firm, Dr. Beaton had been working with the Pressure Control Group of National Oilwell Varco.

BRIAN C. GENCO

Dallas

Mr. Genco serves as a Patent Agent in the Firm's Dallas office specializing in patent application preparation and prosecution before the United States Patent and Trademark Office. Mr. Genco has experience in a variety of technical areas including wireless systems, communication systems and networks, semiconductor testing, software, imaging circuits, and image processing.

Mr. Genco received his Bachelor of Science degree in Electrical Engineering from the University of Maryland at College Park in 2002.

Prior to joining the Firm, Mr. Genco worked as a patent Examiner for the USPTO in GAU 2615 where he examined cases involving imaging circuits and image processing.

Mr. Genco is registered to practice before the United States Patent and Trademark Office.

MICHAEL L. HANN

Dallas

Mr. Hann serves as a patent agent in the Firm's Dallas office specializing in patent application preparation before the United States Patent and Trademark Office. Mr. Hann focuses on the electrical and computing arts, and has experience preparing patent applications for the wireless physical layer, software defined radios, micro-electro-mechanical systems (MEMS), internet protocol multimedia subsystem (IMS) communication systems, mobile ad-hoc networks, biometric signature capture, information technology systems, computer graphics and gaming software, electro-mechanical control systems, downhole tools, offset printing, electrical power distribution test equipment, and other.

Mr. Hann received his Bachelor of Science degree in Electrical Engineering from the University of Tulsa in 1995, *summa cum laude*, and a B.A. in 1981 from Northern Illinois University.

Prior to joining the Firm, Mr. Hann was a Patent Agent at Samsung Telecommunications America responsible for overseeing preparation and prosecution of patent applications by outside counsel, evaluating invention disclosures, and providing patent training to inventors. Mr. Hann has fourteen years of experience developing, integrating, and testing embedded software in the telecommunications industry, in the defense industry, and in the aviation industry.

Mr. Hann is registered to practice before the United States Patent and Trademark Office. He is a member of the American Intellectual Property Law Association and the Institute of Electrical and Electronics Engineers.

CAROL MINTZ

Houston

Carol Mintz serves as a Patent Agent in the Firm's Houston office specializing in the fields of chemistry, biochemistry, pharmaceutical and medical technology.

Qualified to practice before the United States Patent and Trademark Office as a registered Patent Agent in 1995, Ms Mintz received a Bachelor of Science degree in Chemistry from the University of Houston, Houston, Texas. As an undergraduate she participated in the University's cooperative education program, working at the NASA Manned Spacecraft Center in Houston. She received a Master of Science degree in Biomedical Sciences from the University of Texas Health Science Center, Graduate School of Biomedical Sciences in Houston, where she was the recipient of a fellowship from the Robert A. Welch Foundation. Ms Mintz has several years laboratory research at experience the M.D. Anderson Cancer Center and The University of Texas Health Science Center in the area of cancer biochemistry, focusing on the enzymology of DNA biosynthesis, protein purification, cell culture and liposomes as *in vivo* carriers. She co-authored technical publications in *Nature New Biology*, *Analytical Biochemistry*, *FEBS Letters*, and *Texas Reports on Biology and Medicine*.

Ms Mintz has prepared and prosecuted a number of U.S. and PCT patent applications for clients in the petroleum and chemical industries, universities and companies developing biopharmaceutical products, diagnostics, therapeutics and medical devices.

NICK PATEL

Houston

Nick Patel specializes in the electrical and computing arts, including microprocessor systems, software design, integrated circuit design and Internet technologies. He serves as a Technical Advisor in the Firm's Houston Office.

Mr. Patel graduated *magna cum laude* with a Bachelor of Science degree in Electrical Engineering from the University of Houston in 2003, where he was a recipient of the Stufflebeem and Engineering Entrepreneurship scholarships. Mr. Patel spent several years representing student interests to the college on the Engineering Advisory Board. He remains active in the Tau Beta Pi and Omicron Delta Kappa honor societies.

Prior to joining the Firm, Mr. Patel worked with Schlumberger Technology Corporation in Sugar Land, Texas as a testing and qualification systems software designer for the high temperature, high pressure, measurement-while-drilling group. He also spent time as President and Chief Editor of Seventh Enterprise, Inc., publications, prominent among much of the U.S. collegiate population.

UTPAL SHAH

Austin

Mr. Shan serves as a Patent Agent in the Firm's Austin office, and specializes in patent application preparation and prosecution before the United States Patent and Trademark Office. Mr. Shah specializes in the electrical and computing arts, including digital image and video analysis, signal processing, biomedical imaging, communication systems and networks.

Prior to joining the firm, Mr. Shah worked as a Patent Examiner for the United States Patent and Trademark Office in Art Unit 2624 where he examiner cases involving digital image analysis. Mr. Shah also worked at WorldCom and IBM, both located in Texas.

Mr. Shah received a Bachelor of Science degree in Electrical Engineering from the University of Texas at Austin and a Masters of Science in Electrical Engineering from Texas Tech University. Mr. Shah is registered to practice before the United States Patent and Trademark Office.

LINDA TOWIDJAJA

Dallas

Ms. Towidjaja has experience in the areas of liquid and gas separation utilizing membranes, polymer compositions, catalysts, petroleum exploration and refining, semiconductor fabrication including photolithography, etch, metrology, thin film, diffusion, ion implantation, and chemical-mechanical planarization (CMP).

Prior to joining the firm, Ms. Towidjaja worked for six years at various semiconductor companies including Nanometrics/Accent Optical Technologies and Rudolph Technologies as an application engineer. In this position, Ms. Towidjaja worked with a variety of customers including Texas Instruments and IBM. Ms. Towidjaja has also worked at Atmel Corporation as a photolithography process engineer supporting and developing current and future technologies.

Prior to her industrial experience, Ms. Towidjaja spent three years at the University of Texas at Austin in research for various companies including Eastman Chemical Company, Sematech International, Intel Corporation, M&M Livestock Company, Amoco Incorporated, Koch Membrane System Incorporated, and Merck & Co. Incorporated. Ms. Towidjaja's research areas included membrane separation, pellicle purging design, film characterization, pervaporation, water purification systems, and thermodynamic and kinetic properties of polymer compositions.

Ms. Towidjaja's recent publications include: L. Towidjaja, C. Raymond, M. Littau, D. Forman, and S. Hummel, *BEOL Metrology Control Applications Using Scatterometry*, SPIE Presentation and Publication, Santa Clara, CA, 2006, L. Towidjaja, W. J. Koros, *Utilization of Membrane Dialysis in Cellulose Acetate Processing*, Presentation, Separation Research Program, UT Austin, 2000, and L. Towidjaja, W. J. Koros, *Fouling Prevention of Humic Acid for Reverse Osmosis Process*, Presentation, Separation Research Program, UT Austin, 1999.

STEVE VRBA

Dallas

Steve Vrba is experienced in computer systems, computer software, and digital electronics as well as the mechanical, chemical, and electro-mechanical arts. He serves as a Technical Advisor in the Firm's Dallas office. He has prepared numerous patent applications related to wireless telecommunications, wireless networking, computer software, and similar fields.

Mr. Vrba earned a Bachelor of Science degree in Physics with a concentration in digital electronics from the University of Texas at Dallas in 1988. Before joining the Firm, Mr. Vrba worked as test engineer at Sprint.

JERRY V. WALKER

Dallas

Jerry V. Walker specializes in the areas of chemistry, biochemistry, molecular biology, enzymology, computational biology, gene therapy and structural biology.

Dr. Walker received a Ph.D. in Chemistry from the University of California, Santa Barbara. Dr. Walker's graduate research was in the area of marine bioinorganic chemistry with an emphasis on transition metal catalysts. Before joining the firm, Dr. Walker was a postdoctoral research associate in the Department of Molecular Pharmacology at St. Jude Children's Research Hospital where her research centered on elucidating mechanisms of drug action with an aim of designing new and more therapeutically effective anticancer and antibacterial agents. Specifically, her research focused on the mechanism of action of anti-topoisomerase targeting drugs by evaluating mutations in topoisomerase II utilizing yeast model systems. Dr. Walker has presented her research results at numerous national and international scientific conferences and co-authored technical publications in *Biochemistry*, *Journal of the American Chemical Society*, *Inorganica Chimica Acta*, *Chemistry Reviews*, *Cancer Investigation and the Journal of Biological Chemistry*. Dr. Walker was also a UNCF-MERCK postdoctoral research award recipient.

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