

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, and opened its Austin, Texas office on May 1, 2005. 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, 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., 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., E.D., and W.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

Kristin Jordan Harkins is a founder of the Dallas Office of Conley Rose. She specializes in the development and management of worldwide patent and trademark portfolios and oversight of patent, trademark and copyright application preparation and prosecution. Her expertise includes client counseling to identify, develop and maintain intellectual property portfolios and representation of clients to resolve IP disputes. Ms. Harkins is also skilled in business transactions, including drafting and negotiating licenses and technology transfers, merger and acquisition due diligence and uses of intellectual property on the internet as well as the preparation of legal opinions. She has extensive experience developing in-house IP policies and procedures, including patent review committee standards. Ms. Harkins represents clients in trademark infringement litigation, trademark proceedings before the U.S. Patent and Trademark Office and domain name dispute proceedings.

Ms. Harkins maintains an extensive practice in the preparation and prosecution of U.S. and foreign utility patent applications in diverse technical arts, including mechanical, chemical, computer software and business methods. Her trademark experience includes counseling clients in the procurement of U.S. and foreign trademarks and managing U.S. and foreign trademark portfolios.

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 was employed by Exxon Company, U.S.A., for five years as a production and reservoir engineer responsible for multiple oil and gas fields in East Texas and the Panhandle. Her responsibilities included designing new well completions and workovers of existing wells, production equipment design and installation and economic and reservoir evaluation, with an emphasis on secondary recovery waterfloods. While employed with 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 Texas Bar, 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, Western and Southern Districts of Texas. Ms. Harkins is a Registered Professional Engineer in the State of Texas. She participates in the State Bar of Texas Intellectual Property Law Section, serving as Chair of the Trademark Legislation/Practice Committee, and is the course director for the Advanced Trademark Workshop of the 2010 Advanced Intellectual Property Law Course. Ms. Harkins is also an active member of the American Intellectual Property Law Association, currently serving as the Chair of the Trademark Boot Camp Planning Committee. She is also an active member of the International Trademark Association, where she serves on various committees.

Ms. Harkins' publications and presentations include: "Does the PTO Really Want All This?, Managing the McKesson Mayhem," presented at the March 2009 Texas State Bar Intellectual Property Section Patent Prosecution Workshop CLE; "Highlights of the Madrid Protocol," presented at the March 2003 Dallas/Fort Worth Intellectual Property Law Association CLE; and "Aligning Trademarks with Business Objectives: A Practical Guideline," presented at the March 2002 Texas State Bar Intellectual Property Section CLE.

JONATHAN M. HARRIS

Houston

Jonathan M. Harris practices in all areas of intellectual property law. In his practice, Mr. Harris focuses on assisting clients with developing and managing their patent portfolios. Mr. Harris' expertise includes the preparation and prosecution of patents, the preparation of legal opinions, patent litigation, freedom-to-use analysis, license agreements, and general counseling regarding various intellectual property issues. Mr. Harris' patent prosecution practice has focused largely on drafting and prosecuting patent applications in the electrical arts including areas such as computer systems, software, microprocessor architecture, telecommunication systems, medical devices, semiconductor devices, and seismic systems.

Mr. Harris received a Bachelor of Science degree in electrical engineering from the University of Texas 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 and writing excellence, Mr. Harris was elected Note and Comment Editor of the South Texas Law Review.

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

Mr. Maag, a founder of the Firm, has specialized in intellectual property litigation and has served as lead counsel in both jury and bench trials. With over 23 years of experience, Mr. Maag has prosecuted and defended actions in Federal and state courts involving claims of patent and trademark infringement, trade secret misappropriation, counterfeiting, unfair competition, tortious interference, and breach of non-compete covenants.

In all litigation, it is Mr. Maag's practice to assess immediately the legal and factual issues involved in the dispute, and to come to an understanding with the client as to the client's attainable business objectives. A litigation plan is then tailored to provide the best opportunity to achieve those objectives.

The matters handled by Mr. Maag have ranged from small to bet-the-company cases. Whatever the size, Mr. Maag seeks value-driven resolutions to the dispute throughout the course of the litigation. In many instances, innovative settlements have been structured that achieve the client's objectives with a certainty that is not possible in a trial. However, until and unless a settlement is achieved, the litigation plan is aggressively pursued, with all efforts focused on preparing to show to the jury or judge at trial why the Firm's client should win.

In addition to his work at the trial level, Mr. Maag has directed and argued appeals to the U.S. Court of Appeals for the Federal Circuit, as well as the Texas appellate courts.

Mr. Maag's legal practice has also included drafting and prosecuting to issuance a substantial number of U.S. and foreign patents in a variety of fields, including electrical systems and apparatus, medical devices, and oil field equipment. Having the unique perspective derived from both obtaining and enforcing patents, Mr. Maag is frequently engaged to assist clients in planning patent strategies, and in assessing the strengths and direction of competitors' patent portfolios.

Mr. Maag also has particular expertise in drafting and negotiating intellectual property licenses and other technology-related agreements. In addition, he has extensive experience in franchise matters, and has represented franchisors and franchisees in a variety of business contexts.

Mr. Maag is admitted to practice before the U.S. Court of Appeals for the Federal Circuit, all U.S. District Court in Texas, all Texas State Courts, and the United States Patent and Trademark Office.

He remains a Registered Professional Engineer, licensed by the State of Texas.

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.

JONATHAN M. PIERCE

Houston

Mr. Pierce represents multi-national corporations, domestic corporations, and individuals in all aspects of intellectual property law. He specializes in patent and trademark law, as well as intellectual property agreements. His patent practice focuses on infringement litigation, patent prosecution (both U.S. and international), infringement and invalidity opinions, and patentability opinions. His trademark practice focuses on infringement litigation, opposition and cancellation proceedings before the Trademark Trial and Appeal Board of the USPTO, and counseling on the selection, use, and filing for trademarks in the U.S. and countries around the world. Mr. Pierce strives to develop strategies to avoid counterproductive patent and trademark disputes, and to assist clients in developing strategies for patent protection, trademark selection, and intellectual property enforcement and portfolio management.

Mr. Pierce has been counsel to clients involved as both plaintiff and defendant in infringement suits in district courts around the country. He has directly participated in every aspect of litigation, including investigating facts and claims, managing discovery, drafting and arguing motions, selecting expert witnesses, deposing the adversary's fact and expert witnesses, and taking witness testimony during trial. Mr. Pierce has also represented clients in mediations of intellectual property disputes.

Mr. Pierce's transactional practice focuses on drafting and negotiating intellectual property licensing and ownership transfers, technology development agreements, joint development agreements, and non-disclosure agreements.

Mr. Pierce is admitted to practice before the United States Patent and Trademark Office, the United States Courts of Appeals for the Federal and Fifth Circuits, and the United States District Courts for the Western, Middle, and Eastern Districts of Louisiana, for the Western, Eastern and Southern Districts of Texas, and for the Eastern District of Michigan.

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.

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.

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.

OF COUNSEL

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.

ASSOCIATES

LAURA BROCK

Dallas

Laura Brock practices in all aspects of intellectual property law with an emphasis in trademarks. Her trademark practice includes trademark infringement investigation and litigation, Internet domain name disputes and other transactional work.

Ms. Brock graduated *magna cum laude* from Texas A&M University – Corpus Christi in 2002 with a Bachelor of Science degree in Mechanical Engineering Technology. During and after her college education, she was with a law firm in Corpus Christi as a legal assistant and later managed the office of a structural engineering firm. She received her Juris Doctor, *cum laude*, from Texas Tech University School of Law in 2007, where she was an officer of the Intellectual Property Students Association, 2006-2007, and was a member of the *Phi Alpha Delta* law fraternity.

Ms. Brock is a member of the State Bar of Texas and the Dallas Bar Association. She provides *pro bono* services through the Dallas Volunteer Attorney Program and also participates in the DFW Women in IP networking group in the Dallas/Fort Worth area.

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.

THEODORE D. FAY, III

Dallas

Mr. Fay received a Bachelor of Science degree in physics from the University of California San Diego in 1992. He earned a Doctor of Jurisprudence degree from The University of Denver College of Law in 1997.

Mr. Fay specialized in patent application preparation and prosecution before the United States Patent and Trademark office. He has extensive experience in a variety of technical areas including computer hardware, software and storage systems, as well as electrical systems, aircraft components, contact lenses, traffic signals and others. His expertise extends to medical devices (catheters, biopsy devices, laparoscopic instruments), chemical mechanical planarization devices (wafer carriers and polishing and grinding machines), as well as virtual reality systems, electrical systems and others.

Mr. Fay is admitted to practice before the U. S. Patent and Trademark Office, and is licensed by the State of California.

MATT GIBSON

Houston

Matt Gibson practices in various aspects of intellectual property law, including patent prosecution and litigation in the electrical arts. Mr. Gibson also has experience in trademark prosecution and litigation.

Mr. Gibson received a Bachelor of Science in Electrical Engineering from The University of Texas at Austin. He received his Doctor of Jurisprudence from The University of Texas School of Law in May 2009.

Prior to attending law school, Mr. Gibson worked as a consultant with Texas Instruments in Dallas developing a software demonstration for a US Congressional Committee. As a software engineering intern at National Instruments in Austin, Mr. Gibson developed software applications to aid in manufacturing and production automation.

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.

RYAN D. JENLINK

Dallas

Ryan Jenlink practices in all aspects of intellectual property with an emphasis in patent preparation and prosecution. Mr. Jenlink's practice includes domestic and foreign patent preparation and prosecution, patentability opinions, clearance opinions, infringement opinions, licensing, technology transfer, patent searching, and client counseling related to patent issues. Mr. Jenlink has experience in fields of art including polymer compositions, chemical compositions, catalyst chemistry, genetic engineering, gene therapeutics, pharmaceutical compositions, medical devices, mechanical devices, oilfield tools, optical network engineering, computer software, and business methods.

Mr. Jenlink is a recent graduate of the University Of Oklahoma College Of Law. During law school, Mr. Jenlink worked with the University of Oklahoma Intellectual Property Management Office where he assisted in managing, patenting, and licensing university-created intellectual property. During his undergraduate education at Oklahoma State University, Mr. Jenlink worked as a laboratory technician in the field of comparative genetics, focusing primarily on the isolation and characterization of embryo-defective mutants of *Arabidopsis thaliana*.

ELEXIS A. JONES

Dallas

Elexis Jones practices in various aspects of intellectual property with an emphasis in patent preparation and prosecution. Ms. Jones has experience in the electrical and computing arts, including electrical devices, computer systems, and software, as well as mechanical devices.

Ms. Jones attended Texas A&M University, graduating *cum laude* in 2006 with a Bachelor of Science degree in Electrical Engineering. She received her Juris Doctor in 2009 from the Southern Methodist University Dedman School of Law. During her time at Texas A&M University, she was selected for membership in the Tau Beta Pi Engineering Honor Society, as well as several other general honor societies including the Golden Key International Honor Society, the National Scholars Honor Society, and Phi Eta Sigma Collegiate Honor Society. Ms. Jones was also a member of the Gamma Alpha Chapter of the Tri Delta National Sorority. While in law school, she was a member of the SMU Law Review Association. Her publications include her casenote, *The Individuals with Disabilities Education Act—The Ninth Circuit Determines that Only a Material Failure to Implement an Individualized Education Program Violates the Individuals with Disabilities Education Act*, 61 SMU L. REV. 495.

Ms. Jones is a member of the Texas State Bar and the Intellectual Property Law Section of the Dallas Bar Association. She is registered to practice before the United States Patent and Trademark Office.

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.

STEPHEN LOE

Dallas

Mr. Loe practices Intellectual Property Law focusing on domestic and foreign patent procurement, client counseling, and providing clients with patentability, non-infringement, invalidity, and freedom to practice opinions. Mr. Loe's experience encompasses a wide variety of technical fields including software, electronics, semiconductors, geophysical exploration and development, aerospace, robotics, document handling, mechanical, and chemical related technologies.

Prior to attending law school, Mr. Loe was a physics graduate student and research assistant at the University of Pennsylvania and participated in numerous scientific experiments performed both on the University of Pennsylvania campus as well as at the Los Alamos National Laboratories. As a research assistant, Mr. Loe pursued research in two different disciplines: Nuclear Physics and Molecular Biophysics. The Nuclear Physics experiments focused on examining the spin-rotation parameters A and R in π^+p to π^-p elastic scattering as well as investigating the nature of nuclei through double charge exchange pion scattering from nuclei. The Molecular Biophysics experiments focused on investigating

the interaction between the porphyrin and the protein in fluorescent derivatives of human hemoglobin. Mr. Loe is co-author of several peer reviewed scholarly articles in Nuclear Physics and Biophysics published in such prestigious journals as *Physical Review C*, *Physics Letters B*, *Physical Review Letters*, and *The Journal of Biological Chemistry*.

Mr. Loe received his Bachelor of Science in Physics from Abilene Christian University, and his J.D. from Baylor Law School, where he was a member of the Baylor Law Review and the recipient of the Funderburk Evidence Award.

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 honor, her Masters of Science in Mechanical Engineering from Kansas State University in 1985, her Ph.D. in Mechanical Engineering from Kansas State University in 1991, and her Doctor of Jurisprudence from the South Texas College of Law in 2006. Dr. Smith is also a registered Professional Engineer in the State of Texas.

Dr. Smith's graduate work was focused in the areas of heat transfer, fluids, thermodynamics, and computational methods. Her master's research involved testing and analysis of an underfloor heating system, 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.

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 admitted to the State Bar of Texas and admitted to practice before the United States Patent and Trademark Office. She specializes primarily in patent prosecution in the mechanical arts.

CLINTON R. STUART

Dallas

Clinton R. Stuart is a registered patent attorney broadly experienced in all aspects of intellectual property law, including patents, trademarks, copyrights, and trade secrets. He specializes in patent preparation, prosecution, advice, and opinions in a wide variety of technical fields. Mr. Stuart has experience preparing and prosecuting mechanical, medical device, semiconductor, chemical, software, and business method patent applications. He enjoys working closely with inventors to maximize protection for their ideas, as well as consulting on business matters such as patentability, infringement, and design-around.

Mr. Stuart received a Bachelor of Science degree in Mechanical Engineering from the University of Texas at Austin in 1995, and his JD from the University of Texas School of Law in 1998.

Mr. Stuart is admitted to practice before the United States Patent and Trademark, as well as before all Texas and Louisiana State Courts.

LANDON E. WIEBUSCH

Dallas

Mr. Wiebusch practices in various aspects of intellectual property, with an emphasis in domestic and foreign patent preparation and prosecution. Mr. Wiebusch has experience in various fields of the electrical arts including telecommunications, signal processing, and electronics.

Mr. Wiebusch attended Texas Tech University, graduating in 2006 with a Bachelor of Science in Electrical Engineering as well as a minor in Mathematics. He received his JD in 2009 from the

University of Alabama School of Law. During his time at Texas Tech University, he was selected for membership in Eta Kappa Nu Electrical and Computer Engineering Honor Society, as well as several other general honor societies including the National Society of Collegiate Scholars.

Mr. Wiebusch is admitted to practice before the United States Patent and Trademark office as well as the Supreme Court of Texas.

DAVID M. WILSON
Houston

Mr. Wilson specializes in patent law, with an emphasis on domestic and foreign patent preparation and prosecution. Mr. Wilson has experience in preparing and prosecuting patents in various fields of the electrical arts including computer software and hardware, telecommunications systems, semiconductors, and signal processing.

Mr. Wilson is a 2007 honors graduate of the University of Houston Law Center. While attending the Law Center, Mr. Wilson received the Distinguished Paper in Intellectual Property Award from the Houston Business and Tax Law Journal on which he served as Senior Articles Editor. Mr. Wilson received a Bachelor of Science degree in Engineering Technology from the University of Houston.

Prior to joining the firm, Mr. Wilson engineered data acquisition and energy source control systems for the seismic exploration industry, and was granted several patents for systems and methods related to seismic data acquisition and recording.

Mr. Wilson is admitted to practice before the United States Patent and Trademark Office and all Texas State Courts.

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.

JIN Z. DAWSON

Houston

Jin Z. Dawson is a technical advisor in the Firm's Houston office, specializing in the chemical, biochemical, and mechanical arts.

Dr. Dawson received her Bachelor of Science degree in Chemical Engineering from Tsinghua University, Beijing, China in 2002, *summa cum laude*; her Master of Science degree in Chemical Engineering from Massachusetts Institute of Technology in 2005; and her Doctor of Philosophy degree in Chemical Engineering from Massachusetts Institute of Technology in 2008.

As an undergraduate at Tsinghua University (Beijing, China), Dr. Dawson obtained the highest academic performance and received several scholarships, including the Dow Chemical Award. During the Master's program at the Massachusetts Institute of Technology (MIT), Dr. Dawson worked as a process engineer at General Mills and as a technical consultant at Plug Power. Dr. Dawson was also awarded by the MIT Chemical Engineering Practice School for her diligence, ingenuity, and excelling performance.

During her Ph.D. research, Dr. Dawson expanded her training and experiences in multiple disciplines and technologies, including physics, physical chemistry, polymer science, cell biology, cancer physiology, diabetes treatment, nanotechnology, various microscopic techniques, fluorescence-based technologies, magnetic resonance spectroscopy and imaging. The goal of her research was to utilize a novel comb

copolymer system to deliver imaging and/or therapeutic agents for cancer diagnosis and treatment, which is also applicable in the management of diabetes.

Dr. Dawson also co-authored papers in several journals, including the Journal of the American Chemical Society, Polymer Preprints. Dr. Dawson continues to publish papers in scientific journals.

JOSEPH J. FUNSTON, III

Dallas

Mr. Funston received his Bachelor of Science in Electrical and Computer Engineering, with Honors from Michigan State University.

Mr. Funston is a technical advisor in the Firm's Dallas office with experience in the areas of computer systems and software, as well as electrical, mechanical and electro-mechanical arts. He has additional experience in avionics systems and software.

Through service in the Air National Guard as a communications officer, Joe has gained experience in communications, design, engineering and testing. With the Guard, Mr. Funston also tested and repaired aircraft bionics systems to the circuit level.

Mr. Funston's civilian employment includes work as a software test engineer and software quality engineer in the defense industry.

Mr. Funston holds the following certifications: Cisco Certified Entry Networking Technician, Cisco Certified Network Associate, and Cisco Certified Design Associate.

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.

JEREMIAH D. (JERRY) HOGAN

Dallas

Jerry D. Hogan specializes in analytical chemistry techniques and instrumentation, as well as semiconductor, petroleum, and mechanical technologies.

Dr. Hogan received his Ph.D. in Analytical Chemistry from the University of Texas in Austin. His research was in the area of Fourier Transform Ion Cyclotron Resonance Mass Spectrometry (FT-ICR/MS), and included hyphenating this method with additional techniques such as laser desorption/ionization, capillary zone electrophoresis, supercritical fluid chromatography, gas chromatography, and others. His research covered numerous aspects of analytical equipment, including computer modeling and /simulations, instrument component machining and construction, ultra-high vacuum technology, and overall instrument setup and characterization. He also developed novel applications of analytical techniques for structural identification and chemical mechanism elucidation.

Prior to joining the firm, Dr. Hogan was the Director of Analytical Laboratories at Texas Instruments, Inc. where he led ten laboratories that utilized a wide range of analytical and imaging techniques for the analysis of semiconductor liquid, gas, and solid-phase materials and semiconductor devices. He has authored and co-authored several books and numerous publications in peer reviewed journals including *Analytical Chemistry*, and *Journal of the American Society of Mass Spectrometry*. He has presented his work at national and international conferences, and has chaired several sessions for *The Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy's* annual conference.

Dr. Hogan has also taught analytical instrumentation at the university level, he has worked as a corrosion chemist in the petroleum industry, and he served in the U. S. Navy Submarine Service aboard ballistic

missile submarines and the ultra deep diving bathyscaph Trieste II (DSV-1). Dr. Hogan holds five U.S. patents and has another that is currently in prosecution.

JAMES W. KORTH

Dallas

Mr. Korth is a technical advisor in the Firm's Dallas office with experience in the area of computer software. He joined the Firm in February 2008.

Mr. Korth received his Bachelor of Science degree in Accounting from Lehigh University in Bethlehem, Pennsylvania in 1978. Prior to joining the Firm, Mr. Korth worked as a technical account manager at Microsoft Corporation and as an enterprise technical support engineer at Compaq Computer Corporation working in large server technology. Mr. Korth was previously an Assistant Vice President at Citicorp. Mr. Korth also holds technical certifications from Microsoft Corporation and Novell, Inc.

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 experience at 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.

JOHN F. SANDERS

Dallas

Mr. Sanders 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. He focuses on mechanical and light electrical arts, and has experience prosecuting patent applications in the automotive and aerospace fields, as well as experience drafting patent applications in the areas of silicon chip processing, liquid crystal displays, inkjet printing and footwear products.

Mr. Sanders received his B.S. in Mechanical Engineering from Rensselaer Polytechnic Institute and his M.S. in Environmental Engineering from the University of Cincinnati. His Master's research was in the area of coal-fired power plant flue gas desulfurization, using spray-dried slurries of calcium oxide and fly ash, and included the compressive strength testing of the sulfated products.

Prior to joining the Firm, Mr. Sanders was a Patent Agent and German-to-English Patent Translator at Kenyon & Kenyon, New York, NY, as well as a Patent Agent at Dugan & Dugan, Hawthorne, NY. He has several years of overseas experience working for environmental consulting firms in Berlin, Germany and Stavanger, Norway. In Berlin, his work included composting plant design, testing of methods for treatment of waste water from the production of baker's yeast and the drafting of work procedures for an electroplating waste treatment plant. In Stavanger, he conducted a study of the market for decommissioning offshore oil and gas platforms. Mr. Sanders has also held positions in product development and manufacturing for the Goodyear Tire & Rubber Company.

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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