



ELLA CHEONG SPRUSON & FERGUSON
Intellectual Property

Combining world class technical expertise with specialist local knowledge to secure and protect your IP rights in Southeast Asia and across the Indian subcontinent.

ELLA CHEONG SPRUSON & FERGUSON

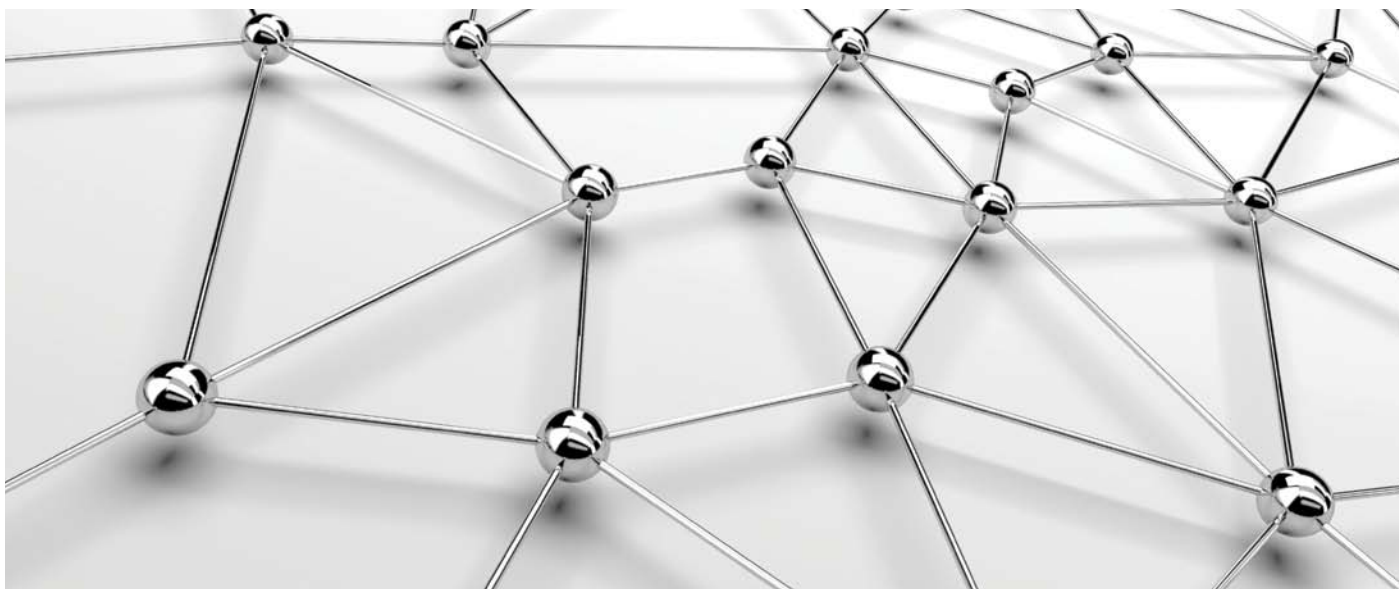


ECSF is a leading intellectual property firm providing a comprehensive range of IP services for Patents, Trade Marks, Domain Names and Designs, throughout Southeast Asia and across the Indian subcontinent.

ECSF is one of the only firms in Southeast Asia operating exclusively in the area of IP. This has allowed us to develop a unique set of capabilities and unparalleled expertise in IP related services.

Our team of over 130 includes many highly qualified professionals from a range of technical backgrounds and includes a host of PhD, Master and postgraduates, with extensive and in-depth industry experience.

Established in Southeast Asia for over 10 years, ECSF was formed via a joint venture between Spruson & Ferguson of Australia and New Zealand and Ella Cheong, an IP lawyer from Hong Kong.



Our highly qualified practice groups provide a comprehensive service in all aspects of IP, from creation to registration, maintenance, management and exploitation of your IP rights. We have the capacity to provide expert representation in patents, trade marks, designs and domain names, throughout Southeast Asia and across the Indian subcontinent, from a centralised location.

PATENTS

Our patent group form a synergetic combination of expertise in one place for the benefit of clients with inventions across all fields of technology.

Our patent services include:

- drafting of patent specifications in all fields of technology
- filing and prosecution of local and international patent applications
- advising in relation to infringement and validity of patents
- patent watches
- patent novelty searches
- patent renewals
- litigation support



TRADE MARKS

Our highly qualified trade marks group is committed to providing quality and practical advice to best assist our clients protect and manage their valuable brand.

Our trade mark services include:

- trade mark conflict searches
- filing and prosecuting trade mark applications
- monitoring, maintaining and renewing trade mark registrations
- advising in relation to trade mark opposition, revocation and rectification
- acting in opposition proceedings
- trade mark clearance, searching and watching services
- IP transactional work including trade mark assignments and recordals
- international registration of trade marks
- litigation support

DESIGNS

We have qualified professionals who have the experience to help our clients successfully protect their designs.

Our design services include:

- conducting design searches
- filing and prosecuting design registrations
- advising on matters and validity of designs registrations
- renewal of design registrations
- revocations
- recording registrable transactions
- international registration of designs

DOMAIN NAMES

Our group of qualified professionals provide expert assistance in the management of domain names.

Our domain services include:

- conducting domain searches
- domain name registrations
- renewal of domain name registrations



Through our offices in Singapore and Malaysia together with our panel of trusted, qualified local agents, we are a one-stop, multi-networked firm providing centralised management for IP services throughout Southeast Asia and across the Indian subcontinent.

OUR ADVANTAGE

- Central Management for Regional IP Services
- Highly Qualified Technical Team
- Quality Assurance
- Cost Effectiveness
- Top Tier Credentials
- Associated with Spruson & Ferguson

DIRECTORS



DAVID GRIFFITH

Chairman
dgriffith@ecsf-asia.com

A chemical engineer by training, David has many years of experience as a Patent Attorney. He is the Senior and Managing Principal of Spruson & Ferguson, one of the oldest, largest, and leading patent and trade mark attorney firms in Australia.

David is a Council member of the Institute of Patent and Trade Mark Attorneys of Australia (IPTA). He is also the President of FICPI's Contact Commission and is currently on the Council of FICPI.

David is a past President of the Institute of Patent and Trade Mark Attorneys of Australia. During his 19 years on the IPTA Council he was involved in many committees and contributed to the advancement of IP issues in Australia.

QUALIFICATIONS

- Bachelor of Engineering (Hons)
- Registered Patent Attorney (Australia/New Zealand)
- Registered Trade Mark Attorney (Australia)



ELLA CHEONG

Director
ellacheong@ecsf-asia.com

Ella (one of only a handful on the Roll of Honour of the Law Society of Hong Kong) is one of Asia's best known IP lawyers. She was the precedent partner at one of Hong Kong's oldest law firms, having founded its IP department. She was also the founder (by personal invitation of the Singaporean Government) of an IP boutique firm in Singapore which is the predecessor of ECSF.

She has served as a member of the Board of Directors of INTA and was presented with INTA President's Award. She was Chairman of the group comprising independent members of AIPPI from around the world, representing them on the Council of Presidents and the Executive Committee of AIPPI, and received its Award of Merit. She was a Council Member of FICPI, and is now a Member of Honour of FICPI. She was President of the Hong Kong Group of APAA and the Vice President of APAA for several years.

Ella has featured in numerous publications (including "Who's Who in the World", "Who's Who of Professionals" and various other "Who's Who" as a leading professional for each and every aspect of IP. She was listed as one of The World's top 20 TM law practitioners in "The Best of the Best". She was nominated to the ABI International Directory of Distinguished Leadership Hall of Fame and featured in 2000 Outstanding Intellectuals of the 21st Century, as well as being awarded the HK Outstanding Women Entrepreneurs Award. She also received Matsushita's Panasonic Gold Award of Merit for Contribution to Protection of IP Rights. She has given many talks on various aspects of IP to audiences around the world.

QUALIFICATIONS

- Admitted as Solicitor (Singapore, Hong Kong, United Kingdom & Australia)
- Justice of Peace (Hong Kong)
- Notary Public (Singapore and Hong Kong)



SOH KAR LIANG

Director

Co-Head of Trade Marks & Designs
ksoh@ecsf-asia.com

Kar Liang is a Singapore Registered Patent Agent and the first Singaporean to be appointed by the World Intellectual Property Organisation as a domain name panellist to adjudicate domain name disputes under the Uniform Dispute Resolution Policy. He is a domain name panelist of the Regional Arbitration Centre of Kuala Lumpur and has also passed the qualifying examinations for registration as a Patent Agent in Malaysia.

A graduate of the National University of Singapore, Kar Liang is an intellectual property and information technology legal specialist. In his years of practice as an advocate and solicitor of the Supreme Court of Singapore in these complex niche areas, he has represented, guided and supported key client accounts from diverse fields ranging from high-tech microprocessors to consumer food and beverage industries in both contentious and non-contentious matters along the IP value chain. He is also an accredited mediator of the Singapore Mediation Centre.

Kar Liang is an active participant of various local and foreign professional and business organisations, including serving as honorary advisor of the Chinatown Business Association. He also contributes regularly to professional publications on intellectual property and information technology subjects and is frequently invited to speak on topics in these fields both locally and regionally at conferences, seminars, workshops and expert panels.

QUALIFICATIONS

- Master of Science (Computer Science) with Distinction
- Bachelor of Laws (Hons)
- Advocate & Solicitor of the Supreme Court of Singapore
- Solicitor (England & Wales)
- Member of Singapore Institute of Arbitrators (SIARB)
- Registered Patent Agent (Singapore)



DR ANDREW BLATTMAN

Director

ablattman@ecsf-asia.com

Andrew Blattman is a Principal of associated firm, Spruson & Ferguson's Chemical/Life Sciences patent team. Andrew specialises in biotechnology, working with several of Australia's major universities and research institutes. He has particular expertise in identifying, protecting and advancing IP rights in the fields of genetics and molecular biology.

Andrew holds a Bachelor of Science degree in Agriculture with First Class Honours and completed a PhD in the molecular genetics of host resistance to infectious agents while working within the CSIRO Division of Animal Health. Andrew also undertook a post-doctoral fellowship with the University of Wisconsin-Madison in the isolation of quantitative trait loci and marker-assisted selection.

Andrew is a co-author of the Biotechnology IP Management Manual commissioned by the Australian government agency, Biotechnology Australia, and the author of a number of research articles in international journals, scientific conference papers, monographs and book chapters.

Andrew's expertise has been recognised in various publications including the PLC Cross-border Life Sciences Handbooks where he has been recommended for his strong reputation in advancing patents for universities and research institutes. Andrew has also been recently nominated by Emerald's Who's Who, Presidential's Who's Who, Strathmore's Who's Who and the Global Directory of Who's Who publications for his continuing success in the life sciences field.

QUALIFICATIONS

- Doctor of Philosophy
- Bachelor of Agricultural Science (Honours 1)
- Graduate Diploma in Industrial Property
- Registered Patent Attorney (Australia/New Zealand)
- Registered Trade Mark Attorney (Australia)



KRISTIAN ROBINSON

Director

Head of Patents
krobinson@ecsf-asia.com

Kristian is a Director of the firm and a Principal of associated Australian firm, Spruson & Ferguson. Kristian is based permanently in Singapore where he is Head of the Patent Group.

Kristian's practice primarily involves the preparation, drafting and prosecution of patent applications, advice in relation to patent validity and enforcement, patent strategy, patent revocation actions, and patent infringement advice, predominantly in the fields of chemistry, biochemistry, nanotechnology, renewable energy, materials science, and process engineering. Kristian has considerable experience in patent revocation practice before the Intellectual Property Office of Singapore (IPOS) and successfully represented the Applicant for revocation in the inaugural revocation proceedings before IPOS. Kristian is also involved in advising clients in connection with patent litigation actions in the Singapore High Court.

Prior to joining the firm, Kristian worked for several years in the patent group of one of Australia's major law firms. He has also worked for a firm of patent agents in the United Kingdom.

Kristian is a qualified Singapore Patent Agent and a qualified Australian and New Zealand Patent Attorney. His technical qualifications include a Bachelor of Chemical Engineering (Hons) degree from Curtin University of Technology and a Bachelor of Science (Chemistry) degree from Murdoch University.

Kristian is the current President of the Association of Singapore Patent Agents, a professional society which represents and promotes the interest of the Singapore Patent Agent profession. Kristian is currently a member of the Singapore Patent Agent Qualifying Examination Board. Kristian is also a Fellow of the Institute of Patent and Trade Marks Attorneys of Australia.

QUALIFICATIONS

- Bachelor of Engineering (Chemical)(Hons)
- Bachelor of Science (Chemistry)
- Registered Patent Agent (Singapore)
- Registered Patent Attorney (Australia/New Zealand)



SCOTT BERGGREN

Director

sberggren@ecsf-asia.com

Scott Berggren has more than 15 years experience in patent practice in Australia, the United States, and Singapore. His main areas of professional practice include drafting and prosecuting patent applications internationally, advising clients about their patent portfolios, and providing opinions on patent matters. He has technical knowledge across the fields of computer, electrical and electronic engineering, in a wide range of technologies such as semiconductors, telecommunications, optics, computer graphics, databases and data warehousing, antennas, medical devices, and hard disk drives.

Scott was appointed a Principal of associated firm, Spruson & Ferguson in 1999. Scott is also admitted as a solicitor to the Supreme Court of New South Wales. Since 2000, he has lectured in Patent Systems at the University of Technology, Sydney.

Scott has the rare qualification amongst Australian patent attorneys of also being a United States patent agent, with direct experience practising in the United States while working at a law firm in Los Angeles for several years.

Scott is a fellow of the Institute of Patent and Trademark Attorneys in Australia. He is also a member of the International Federation of Industrial Property Attorneys, Asian Patent Attorneys Association, International Association for the Protection of Intellectual Property, and the Intellectual Property Society of Australia and New Zealand.

QUALIFICATIONS

- Master of Science in (Electronic Engineering)
- Bachelor of Science in (Electronic Engineering)
- Bachelor of Laws
- Graduate Diploma in Industrial Property
- Solicitor, Supreme Court of New South Wales
- Registered Patent Attorney (Australia/New Zealand)
- Registered Patent Agent (United States)
- Registered Trade Mark Attorney (Australia)
- Admitted as Solicitor (Australia)



KEVIN WONG

Director

Co-Head of Trade Marks & Designs

kjwong@ecsf-asia.com

Kevin graduated with a Bachelor of Laws (Hons) Degree from the National University of Singapore and is admitted as an Advocate and Solicitor of the Supreme Court of Singapore, and as a Solicitor in England and Wales. He is a Director and co-heads the Trade Marks & Designs Department of ECSF.

A practising lawyer prior to joining ECSF, Kevin has acquired considerable relevant experience and insight in the field of IP from his background of trade mark prosecution, litigation and IP contracts such as copyright assignment and licensing agreements. His current areas of IP work include trade mark filing and prosecution, advice on International Registration of Trade Marks under the Madrid Protocol, and Information Technology (domain names).

Kevin is an IP Consultant under the Scope IP programme of the Intellectual Property Office of Singapore (IPOS) and is currently a tutor of the IP Administrators' Course (IP Academy). He contributes regularly as a participant at various local and overseas IP/branding seminars, conferences and lectures, IP Roundtable Discussions (INTA, IPOS) and Public Feedback Sessions (IPOS). He has also contributed articles for various international IP publications as well as ECSF's own news publications.

QUALIFICATIONS

- Bachelor of Laws (Hons)
- Admitted as Advocate & Solicitor (Singapore)
- Admitted as Solicitor (England & Wales)

PATENTS

Our patent groups form a synergetic combination of expertise in one place for the benefit of clients with inventions across all fields of technology.

Chemical & Life Sciences Group

Our chemical/life science group has extensive intellectual property and industry experience in a range of fields including, chemistry, biochemistry, pharmaceuticals, genetics, molecular biology, microbiology and biomedical engineering.

Electrical & Mechanical Group

The electrical and mechanical patent group is highly qualified in range of technologies and fields including electrical, mechanical and aeronautical engineering, electro-mechanical devices, information technology, telecommunications, software and medical devices.



KRISTIAN ROBINSON

Director

Head of Patents

krobinson@ecsf-asia.com

Kristian is a Director of the firm and a Principal of associated Australian firm, Spruson & Ferguson. Kristian is based permanently in Singapore where he is Head of the Patent Group.

Kristian's practice primarily involves the preparation, drafting and prosecution of patent applications, advice in relation to patent validity and enforcement, patent strategy, patent revocation actions, and patent infringement advice, predominantly in the fields of chemistry, biochemistry, nanotechnology, renewable energy, materials science, and process engineering. Kristian has considerable experience in patent revocation practice before the Intellectual Property Office of Singapore (IPOS) and successfully represented the Applicant for revocation in the inaugural revocation proceedings before IPOS. Kristian is also involved in advising clients in connection with patent litigation actions in the Singapore High Court.

Prior to joining the firm, Kristian worked for several years in the patent group of one of Australia's major law firms. He has also worked for a firm of patent agents in the United Kingdom.

Kristian is a qualified Singapore Patent Agent and a qualified Australian and New Zealand Patent Attorney. His technical qualifications include a Bachelor of Chemical Engineering (Hons) degree from Curtin University of Technology and a Bachelor of Science (Chemistry) degree from Murdoch University.

Kristian is the current President of the Association of Singapore Patent Agents, a professional society which represents and promotes the interest of the Singapore Patent Agent profession. Kristian is currently a member of the Singapore Patent Agent Qualifying Examination Board. Kristian is also a Fellow of the Institute of Patent and Trade Marks Attorneys of Australia.

QUALIFICATIONS

- Bachelor of Engineering (Chemical)(Hons)
- Bachelor of Science (Chemistry)
- Registered Patent Agent (Singapore)
- Registered Patent Attorney (Australia/New Zealand)

CHEMICAL & LIFE SCIENCE



DR LEE MORRISROE

Senior Associate

lmorrisroe@ecsf-asia.com

Lee entered the patent profession in 2000 and prior to joining the firm worked in major intellectual property law firms in Europe, North America and Australia. Lee specialises in the areas of biotechnology, life sciences and medicine. His practice includes the drafting and prosecution of patent applications and providing advice with respect to patent infringement, patent strategy, validity and enforcement. Lee has acted for a wide range of clients from start-up companies and universities through to large multi-national companies.

In the area of biotechnology Lee has been involved in subject matter relating to antibodies, genes, vaccines, assays, screening methods and diagnostic kits. He also has experience with medical devices, including stents, catheters and orthopaedic implants, as well as in biomaterials.

Lee has an extensive knowledge of biotechnology, molecular biology, genetics, biochemistry, microbiology, cell biology, virology and immunology.

QUALIFICATIONS

- Doctor of Philosophy (Cell Biology)
- Bachelor of Science (Biochemistry & Molecular Biology)(Hons)
- Registered Patent Attorney (Australia/New Zealand)
- Registered Trade Marks Attorney (Australia)



MAIK BRINKMANN

Senior Associate

mbrinkmann@ecsf-asia.com

Maik is a senior associate of the firm and his practice primarily involves the drafting and prosecution of patent applications, advice in relation to patent validity and enforcement, patent strategy, including global filing strategy, and patent infringement advice, predominantly in the fields of biotechnology, biochemistry, nanotechnology, process engineering and molecular biology.

Prior to joining the firm, Maik worked several years in the patent group of one of Germany's and Singapore's major intellectual property law firms.

Maik graduated from the Westfälische Wilhelms-University of Münster at the Institute for Chemo and Biosensoric as a Biologist (Dipl.-Biol.). His thesis was directed to the development of processes and a sensor for the detection of live pathogens in food products. During his studies he worked also at the Max-Planck-Institute for Molecular Physiology in Dortmund in the field of genetic engineering of microorganisms.

After his diploma he first continued his work at the Institute for Chemo and Biosensoric and changed later to the National University of Singapore, Department of Surgery, where he worked on "The experimental evaluation of a tissue engineered bone graft for cranial reconstruction". He has special experience in the areas of molecular genetics, molecular biology and bioanalytical process engineering.

Maik is a qualified German Patent and Trade Mark Attorney and a qualified European Patent and Community Trade Mark Attorney. He is a member of the Association of Intellectual Property Experts in Germany and a member of the European Patent Institute. He is also an associate member of the Association of Singapore Patent Agents.

QUALIFICATIONS

- Master of Science (equivalent) in Biology
- Bachelor of Science (equivalent) in Biology
- Registered Patent Agent (Singapore)
- German Patent and Trade Mark Attorney
- European Patent and Community Trade Mark Attorney
- German & European Design Attorney



DR SOO EE LIN

Senior Associate
elsoo@ecsf-asia.com

Ee Lin holds a Bachelor of Technology degree with first class Honours in Biotechnology from the University of Auckland, where, during the course of her studies, she was engaged in short term research projects in molecular biology as well as in the brewing industry. She was also subsequently awarded a PhD for her thesis on the use of enzymes in the synthesis of palm-based surfactants.

As a scientist attached to an industrial R&D institution prior to joining ECSF, Ee Lin not only conducted further R&D work in the areas of enzyme and fermentation technology but was also involved in coordinating technical, commercial and legal aspects of biotechnology research projects.

QUALIFICATIONS

- Doctor of Philosophy (Enzymology)
- Bachelor of Technology (Biotechnology) (Hons)
- Graduate Certificate in Intellectual Property Law (Distinction)
- Registered Patent Agent (Singapore)
- Registered Patent Agent (Malaysia)



CHOO CHIOU YU

Associate
cychoo@ecsf-asia.com

Chiou Yu graduated with a Bachelor of Engineering, Chemical (Hons) degree from the National University of Singapore with a specialisation in Biopharmaceutical Engineering. During the course of her study, she was involved in research work in the area of oil spills bioremediation, particularly in the immobilisation of microorganisms to a solid matrix.

Chiou Yu also did a six months industrial attachment with an A*STAR research institute researching on characterising the identity and functions of a novel protein. Subsequently, Chiou Yu went on to pursue a Masters of Science in Biotechnology from the Johns Hopkins University (Maryland, United States of America) with a concentration in Biodefense.

Chiou Yu was involved in an 18 months training stint in an US based biopharmaceutical company as a Bioprocess Engineer Trainee sponsored by a government statutory board where she was involved in developing and optimizing a novel process for culturing mammalian cells. Upon return, Chiou Yu worked in an A*STAR research institute before joining ECSF.

QUALIFICATIONS

- Master of Science (Biotechnology)
- Bachelor of Engineering (Chemical)(Hons)
- Graduate Certificate in Intellectual Property Law (Merit)
- Registered Patent Agent (Singapore)



DAVID ROBERT

Associate
dsrobert@ecsf-asia.com

David is a US Registered Patent Attorney and is licensed to practice law in the State of Illinois, US. His educational qualifications include a Juris Doctor degree from Chicago-Kent College of Law, Illinois Institute of Technology and a Bachelor of Arts in Biology and Chemistry summa cum laude from Dominican University.

Prior to joining the firm, David worked as a patent analyst for a contractor to the US Patent and Trademark Office where he conducted preliminary examinations of international patent applications in a broad range of arts including chemistry, pharmaceuticals, materials science, nanotechnology, chemical engineering, green technology, and process engineering. During law school, David worked as a law clerk for one of the top patent producing intellectual property law firms in the US where he was involved in several aspects of patent prosecution including application drafting, response drafting, patentability, validity, and infringement analyses, and opinion writing.

David has over five years of industry experience in the areas of chemistry, materials science, and process engineering. David worked in an advanced materials and process engineering laboratory where he researched, developed, and manufactured experimental aerospace coatings to protect spacecraft and satellites in the space environment. David also worked as an organic chemist for a contractor to the US Environmental Protection Agency where he analyzed and monitored chemical contamination in bodies of water.

David is currently a member of the American Intellectual Property Law Association and Illinois State Bar Association.

QUALIFICATIONS

- Bachelor of Arts (Biology and Chemistry)
- Juris Doctor
- Registered Patent Attorney (United States)
- Attorney at Law (Illinois, United States)



EDWIN DAI

Associate
edai@ecsf-asia.com

Edwin graduated with a Bachelor of Engineering (Chemical) (Hons) from the National University of Singapore. During his honours year, Edwin undertook research relating to on a novel polymer memory material and its applications in data recordal devices.

Prior to joining ECSF, Edwin was involved in a 6 month internship with the Institute of Chemical and Engineering Sciences at the Agency for Science Technology and Research (ASTAR), where he undertook research on a device for analyzing kinetics of ultra fast chemical reactions.

QUALIFICATIONS

- Bachelor of Engineering (Chemical)(Hons)
- Graduate Certificate in Intellectual Property Law
- Registered Patent Agent (Singapore)



DR ZENG ZHI LING

Associate
zizeng@ecsf-asia.com

Zhi Ling is an Associate of the firm and works in the Chemical and Life Sciences patent group. Her practice primarily involves the drafting and prosecution of patent applications and advice in relation to validity and infringement of patents in the field of chemistry.

Prior to joining the firm, Zhi Ling worked as an Australian Patent and Trade Mark Attorney for an IP firm based in Western Australia. In this role, she had the opportunity to be involved with a broad range of inventions, from mining, anti-corrosion and polymer technologies to pharmaceutical compositions, cell therapies and immunoassay kits.

In addition to her experience in the IP profession, Zhi Ling has completed a PhD project on the relationship between metal speciation and bioavailability, and worked as a chemical analyst for Alcoa (Australia) and a research assistant for The University of Western Australia and University of Queensland.

QUALIFICATIONS

- Doctor of Philosophy (Chemistry)
- Master of Industrial Property
- Bachelor of Science (Chemistry & Biochemistry)
- Registered Patent Attorney (Australia)
- Registered Trade Mark Attorney (Australia)



DR ADELIA LIN

Patent Engineer
asjlin@ecsf-asia.com

Adelia graduated with first class honours in molecular biology from the University of Western Australia. She subsequently undertook her postgraduate studies at Monash University in Melbourne, where she was awarded a PhD for her thesis on renal differentiation of human embryonic stem cells. During her time at Monash University, Adelia also completed a Graduate Certificate in Commercialising Research under sponsorship from the Australian Government.

Prior to joining ECSF, Adelia worked as a postdoctoral research fellow at CSIRO (Australia) and at the Agency for Science, Technology and Research (A*Star) in Singapore. In both these positions, her research focused on the areas of embryonic and adult stem cells. In particular, she was involved in developing human embryonic stem cell reporter lines and investigating the role of adult stem cells in gastric cancer, respectively.

QUALIFICATIONS

- Doctor of Philosophy (PhD)
- Bachelor of Molecular Biology (Hons)
- Graduate Certificate in Commercialising Research



DR ANDREW LOH

Patent Engineer

axwloh@ecsf-asia.com

Andrew has a Bachelor of Science in Human Genetics with first class honours and a PhD in Genetics, both from University College London. His PhD thesis was on the study of human genetic polymorphisms and their influence on mRNA expression levels.

Prior to joining ECSF, Andrew was a postdoctoral Research Fellow at Nanyang Technological University, Singapore, where he used cell and molecular biology techniques to investigate the regulation of cell morphology and motility.

Andrew is a co-author on a number of research articles in peer-reviewed international journals and is a member of the Society of Biology, UK.

QUALIFICATIONS

- Doctor of Philosophy (Genetics)
- Bachelor of Science (Human Genetics) (Hons)



CHRISTINE LOKE

Patent Engineer

cwmloke@ecsf-asia.com

Prior to joining ECSF, Christine was a chemical engineer in a major pharmaceutical company handling all aspects of the production and decontamination of the active pharmaceutical ingredients for migraine and asthma. During her time there, she was also involved in the commissioning of a new flexible plant for the production of clinical trial drugs.

Christine was also an intern at a biopharmaceutical company where she was involved in performing HPLC and HPSEC tests on their products.

Christine graduated with a Bachelor of Engineering (Chemical) (Hons) from Nanyang Technological University. During her honours year, Christine was involved in a final year project on the Feasibility of Biofuels, in particular, biofuels derived from second generation cellulosic material.

QUALIFICATION

- Bachelor of Engineering (Chemical)(Hons)



COLIN LEE

Patent Engineer

cmklee@ecsf-asia.com

Colin graduated with a Bachelor of Applied Science (Applied Chemistry)(Merit) from the National University of Singapore. During his undergraduate studies, he was selected for an internship with a catalyst regeneration company and undertook a project looking into the performance of a catalyst modification process.

Prior to joining ECSF, Colin was a Plant Chemist at a municipal waste disposal facility in Qatar. He handled the set-up of the laboratory supporting the plant testing requirements, and was also responsible for monitoring plant compliance to local and international environmental regulations.

QUALIFICATION

- Bachelor of Applied Science (Applied Chemistry)(Merit)



FADLY BIN RAZALI

Patent Engineer

frazali@ecsf-asia.com

Fadly graduated with a Bachelor of Science (Life Sciences) (Hons) from the National University of Singapore with a concentration in Molecular Cell Biology. During his Honours year, Fadly undertook research relating to the pathogenic, multi-drug resistant Gram negative *Burkholderia Pseudomallei*; in particular investigating the role of intracellular signaling in its biofilm regulation and multi-drug resistance and its application on the development of biomaterials with anti-microbial and anti-biofilm properties.

Prior to joining ECSF, Fadly was involved in an internship with National Parks (Ubin) where he carried out studies on the species biodiversity and plant varieties such as the Nepenthes family. He was also active in the conservation efforts of Chek Jawa and was involved in the NTU's award-winning Oriental-pied Hornbill nesting project.

QUALIFICATIONS

- Bachelor of Science (Life Sciences)(Hons)
- Graduate Certificate in Intellectual Property Law



DR JÉRÔME BOULAIRE

Patent Engineer

jlboulaire@ecsf-asia.com

Prior to joining ECSF, Jérôme was a Senior Research Scientist at the Institute of Bioengineering and Nanotechnology (IBN), an A*STAR research institute, Singapore. His research involved the design of a viral vector for cancer gene therapy, the use of green tea molecules conjugates for delivery of siRNA and the discovery of DNA aptamers for point-of-care diagnostics applications.

During his time at IBN, Jérôme mentored many students from local schools, polytechnics, junior colleges and University. He was recognized for his outstanding contributions to IBN's Youth Research Program.

Prior to working at IBN, he was a postdoctoral Research Fellow at New-York University School of Medicine, where he used cell and molecular biology techniques to investigate the regulation of protein degradation in cell cycle control in cancer.

Jérôme has a Bachelor of Science in Biochemistry from University of Orléans, and a Master of Science in Biology of Aging and a Doctorate in Molecular and Cellular, both from University Claude Bernard in Lyon. His PhD thesis was on control of the cell cycle, a fundamental aspect of cancer biology.

Jérôme is a co-author on a number of research articles in peer-reviewed international journals. He has been a judge for the Singapore Science and Engineering Fair since 2005.

QUALIFICATIONS

- Doctor of Philosophy (Molecular and Cellular Biology)
- Master of Science (Biology of Aging)
- Bachelor of Science (Biochemistry)(Hons)

ELECTRICAL & MECHANICAL



DANIEL COLLOPY

Special Counsel
drcollopy@ecsf-asia.com

Prior to joining ECSF, Daniel had a varied career. He served as a criminal prosecutor before deciding to move into the field of Intellectual Property Law where he has worked in both law firms and in-house in multinational corporations. Daniel's in-house experience included more than a decade as an IP attorney with Motorola Inc and several years as Associate General Counsel for Advanced Micro Devices Inc. More recently, Daniel was an IP Consultant for Exploit Technologies and an instructor at IP Academy Singapore.

In addition to extensive experience in transactions involving IP (including M&A, joint ventures, and IPOs), Daniel has prepared and/or prosecuted more than 300 patents in semiconductor technologies (including memory technologies and semiconductor processing), communication technologies, electric automobile engine control systems, avionics and other software/electronics/mechanical/design areas. He also initiated an Anti-Counterfeiting Program in Asia which consisted of conducting cooperative raids in Malaysia, Thailand, South Korea and Taiwan and working with local and federal governments in China, Australia, Singapore, and the US to stem the manufacture, sale and flow of counterfeit communication products.

Daniel has lectured on IP issues in the United States, Australia, England, India, Japan, South Korea and Taiwan, and has been teaching classes in Singapore on patent law, the business of IP (IP valuation and monetization), and patent drafting and prosecution.

Daniel is a member of the International Federation of Intellectual Property Attorneys (FICPI) and is currently serving as Chairman of the Study & Work Commission 10 (IP Valuation & Licensing).

QUALIFICATIONS

- Bachelor of Arts (Physics & Drama)
- Juris Doctorate (Law)
- Registered Patent Attorney (US)
- Attorney at Law (Georgia, Ohio, Virginia, US and the US Supreme Court)



JOSEPH KRUPA

Special Counsel
jkrupa@ecsf-asia.com

Prior to joining ECSF as a Patent Attorney, Joseph served for several years as a United States Army Officer where he earned his engineering degree. After leaving the Army, Joseph worked for a number of years as a Senior Network Systems Engineer. Drawing on these many years worth of experience, Joseph specialises in the preparation and prosecution of patents in the fields of computer software and networking technologies.

As a US Patent Attorney for the last ten years, Joseph has developed extensive expertise in the preparation and prosecution of patents related to medical device technology, optics devices, and all types of mechanical inventions. He has prosecuted patent applications in the US, Europe, Southeast Asia, and many other countries under the Patent Cooperation Treaty and/or the Paris Convention. Joseph is also experienced in the preparation of infringement/non-infringement, validity, and Freedom to Operate opinions with respect to the technologies discussed above.

Joseph holds a Bachelor of Science Degree in Mechanical Engineering from the Rose-Hulman Institute of Technology, a Master of Science Degree in Systems Management from the University of Southern California, and a Juris Doctorate (Law) Degree from the University of Michigan.

QUALIFICATIONS

- Master of Science (Systems Management)
- Bachelor of Science (Mechanical Engineering)
- Juris Doctorate (Law)
- Registered Patent Attorney (Utah, US)
- Attorney at Law (Utah, US)



AARON KOH

Associate

awckoh@ecsf-asia.com

Aaron is an Associate of the firm and works in the Electrical & Mechanical group. His practice primarily involves drafting and prosecuting patent applications as well as providing advice in relation the interpretation, validity and infringement of patents.

Prior to joining the firm, Aaron has worked more than six years in major intellectual property law firms in Japan and Australia. As a result, Aaron was able to gain extensive experience in the patent practices of various countries.

Aaron has been involved with wide-ranging technologies in the electrical and electronics field including communication systems and networks, circuits and electronic systems, semiconductor devices, liquid crystal displays, optical devices, memory devices and computer-applied technologies.

Aaron graduated from the University of Western Australia with Bachelor of Science and Bachelor of Engineering degrees. Aaron was awarded the Bachelor of Engineering degree, majoring in electrical and electronic engineering, with a first class honours. Aaron has also successfully completed the Masters of Industrial Property course at the University of Technology, Sydney.

Aaron is a member of the Institute of Patent and Trade Mark Attorneys of Australia.

QUALIFICATIONS

- Master of Industrial Property
- Bachelor of Engineering (Electrical & Electronic)(Hons)
- Bachelor of Science (Computer Science)
- Registered Patent Attorney (Australia)
- Registered Trade Marks Attorney (Australia)



ANDREW MEARS

Associate

admears@ecsf-asia.com

Andrew is an associate of the firm and his practice primarily involves drafting and prosecuting patent applications, advising on patent validity, patent infringement, patent enforcement, and patent strategies including global filing strategies. Andrew predominantly works with electrical and mechanical subject-matter and he has developed a particular expertise working with computer-implemented inventions.

Andrew graduated from Cardiff University, UK, with a first class Masters of Engineering in Electronics. In 2007, he graduated from Queen Mary University of London, UK, with a post-graduate certificate in Intellectual Property Law.

Andrew has worked as a software engineer for a mobile telecommunications company and as a control systems engineer for Rolls-Royce plc.

In 2006, Andrew joined the Rolls-Royce Patents Department to begin training as a patent attorney. After graduating from Queen Mary University, he joined a leading Intellectual Property firm in London, UK, where he continued working towards qualification as a patent attorney. In 2010, Andrew qualified as a Chartered UK Patent Attorney and as a European Patent Attorney.

In 2011, Andrew moved to Singapore to begin working for a major intellectual property firm. In 2012, Andrew joined the Singapore office of ECSF.

QUALIFICATIONS

- Master of Engineering (Electronics)(First Class Hons)
- Registered Patent Agent (Singapore)
- European Patent Attorney
- United Kingdom Chartered Patent Attorney



LE HONG MINH

Associate

hmle@ecsf-asia.com

Minh graduated from a joint program between the National University of Singapore and Eindhoven University of Technology with a Master of Technological Design degree, specialising in Product Development. Before joining ECSF, Minh worked in an R&D role at a medical device company where he was technical project leader of a new product development project and further improved a product concept, resulting in a US continuation patent application. His Thesis project on global product development won the Certificate of Merit and Best Thesis awards.

Minh also holds a Bachelor of Engineering (Mechanical) degree from the National University of Singapore. In recognition of his academic achievements, Minh received full-time scholarships at all levels of his education.

QUALIFICATIONS

- Master of Technological Design
- Bachelor of Engineering (Mechanical)
- Graduate Certificate in Intellectual Property Law (Merit)
- Registered Patent Agent (Singapore)



MARTIN KWAN

Associate

mclkwan@ecsf-asia.com

Martin graduated in 2002 from Nanyang Technological University (NTU) with a Bachelor degree in Electrical and Electronic Engineering, majoring in photonics. After graduation, he undertook further research in optics for about a year in Network Technology Research Centre (NTRC) within NTU. During his time with NTRC, Martin co-researched into and co-delivered a prototype of a low-cost and compact imaging device to private investors who engaged the services of NTRC.

Martin joined the patent profession in 2003 by being with ECSF, but left in 2007 for another leading Intellectual Property specialist firm. After qualifying as a Singapore patent agent in 2011, he re-joined ECSF in 2012. Throughout his patent career, Martin has performed and reported on prior art searches, assisted in providing patent infringement opinions, assisted clients in prosecuting patent applications in various jurisdictions with a focus before the Singapore patent office (IPOS) and provided legal opinions on the Singapore patent system.

Martin has expertise in drafting patent specifications for mechanical devices, photonic devices, semiconductors, frequency modulation circuitry and software development.

QUALIFICATIONS

- Bachelor of Engineering (Electrical & Electronics)
- Graduate Certificate in Intellectual Property Law (Merit)
- Registered Patent Agent (Singapore)



R. N. GNANAPRAGASAM (SAM)

Associate

rnsam@ecsf-asia.com

Sam specialises in electronics patents. He has more than 10 years of experience in the electronics industry, having worked as a Technical Support Engineer in the Consumer Electronics division of a leading European Multinational corporation.

Sam has also worked as Product Engineer in the area of electronic product engineering, manufacturing and product development.

QUALIFICATIONS

- Bachelor of Engineering (Electronics & Communication)
- Graduate Certificate in Intellectual Property Law
- Registered Patent Agent (Singapore)



CHIANG CHEE YANG

Patent Engineer

cychiang@ecsf-asia.com

Chee Yang graduated with honours from UMIST, majoring in electrical engineering. His undergraduate final year project was on partial discharge mechanism and detection method studies, in electrical insulation systems under high voltage stress. He also holds a Diploma in Electronics and Computer Engineering from Ngee Ann Polytechnic.

Prior to joining ECSF, Chee Yang has worked in several MNC electronics manufacturing companies in the area of product failure analysis, where he worked on projects to improve production yield and reduce product scrap occurrence.

At ECSF, Chee Yang is involved in the drafting and prosecution of patent applications in Singapore and overseas.

QUALIFICATION

- Bachelor of Engineering (Electrical)(Hons)



JONATHAN LOH

Patent Engineer
jshloh@ecsf-asia.com

Jonathan graduated from the National University of Singapore with a Bachelor of Engineering (Electrical) with Honours. During the course of his studies, he specialized in Electrical Energy Systems, which included Power Systems, Power Electronics and Micro-electro-mechanical Systems (MEMS). His Final Year Project dealt with MEMS Micromirrors and he was subsequently awarded the NUS Faculty of Engineering Innovation & Research Award.

Jonathan has considerable industrial experience in Electrical Power Systems. Prior to joining ECSF, he was an Engineer in an electrical utilities company. In particular, he specialized in Power System Protection, where he was actively involved in the commissioning, maintenance and project management of protection relays within the entire electrical transmission and distribution network.

At ECSF, Jonathan is involved in the drafting and prosecuting of both local and overseas patent applications, especially those in the electrical and electronics field.

QUALIFICATIONS

- Bachelor of Engineering (Electrical)(Hons)
- Graduate Certificate in Intellectual Property Law (Distinction)



DR LIU YAN

Patent Engineer
yliu@ecsf-asia.com

Liu Yan holds a Bachelor of Science in Physics from Jilin University, China and a PhD awarded by National University of Singapore. Her thesis is on the study of microstructure and fabrication of magnetic thin films.

Prior to joining to ECSF, Liu Yan was a postdoctoral Research Fellow at Nanyang Technological University, Singapore. Her research is on eco-friendly magnetocaloric materials. Liu Yan has published several research papers in peer-reviewed international research journals.

Liu Yan is involved with drafting and prosecuting patent applications in Singapore and overseas in the electrical, mechanical and computer system fields.

QUALIFICATIONS

- Doctor of Philosophy (Physics)
- Bachelor of Science (Physics)
- Graduate Certificate in Intellectual Property Law



TEO KWANG CHIN

Patent Engineer
kcteo@ecsf-asia.com

Kwang Chin graduated from the National University of Singapore with a Bachelor of Engineering (Mechanical) with First Class Honours. During the course of his studies, he specialized in Mechatronics and was involved in Humanoid Robotic Research. In his Final Year Project, he designed and built a humanoid robot which took part in the ROBOCUP 2005 competition in Osaka, Japan. The robot emerged 2nd in the penalty kick challenge.

Prior to joining ECSF, Kwang Chin served as a Naval Officer in the Republic of Singapore Navy. As technical officer, he gained in-depth experience in the operation, maintenance, experimentation and implementation of the state of the art maritime defence technology. At ECSF, Kwang Chin is involved in the drafting and prosecution of patent applications in Singapore and Overseas.

QUALIFICATION

- Bachelor of Engineering (Mechanical) (1st Class Honours)

TRADE MARKS & DESIGNS



SOH KAR LIANG

Director

Co-Head of Trade Marks & Designs

klsoh@ecsf-asia.com

Kar Liang is a Singapore Registered Patent Agent and the first Singaporean to be appointed by the World Intellectual Property Organisation as a domain name panellist to adjudicate domain name disputes under the Uniform Dispute Resolution Policy. He is a domain name panelist of the Regional Arbitration Centre of Kuala Lumpur and has also passed the qualifying examinations for registration as a Patent Agent in Malaysia.

A graduate of the National University of Singapore, Kar Liang is an intellectual property and information technology legal specialist. In his years of practice as an advocate and solicitor of the Supreme Court of Singapore in these complex niche areas, he has represented, guided and supported key client accounts from diverse fields ranging from high-tech microprocessors to consumer food and beverage industries in both contentious and non-contentious matters along the IP value chain. He is also an accredited mediator of the Singapore Mediation Centre.

Kar Liang is an active participant of various local and foreign professional and business organisations, including serving as honorary advisor of the Chinatown Business Association. He also contributes regularly to professional publications on intellectual property and information technology subjects and is frequently invited to speak on topics in these fields both locally and regionally at conferences, seminars, workshops and expert panels.

QUALIFICATIONS

- Master of Science (Computer Science) with Distinction
- Bachelor of Laws (Hons)
- Advocate & Solicitor of the Supreme Court of Singapore
- Member of Singapore Institute of Arbitrators (SIARB)
- Solicitor (England & Wales)
- Registered Patent Agent (Singapore)



KEVIN WONG

Director

Co-Head of Trade Marks & Designs

kjwong@ecsf-asia.com

Kevin graduated with a Bachelor of Laws (Hons) Degree from the National University of Singapore and is admitted as an Advocate and Solicitor of the Supreme Court of Singapore, and as a Solicitor in England and Wales. He is a Director and co-heads the Trade Marks & Designs Department of ECSF.

A practising lawyer prior to joining ECSF, Kevin has acquired considerable relevant experience and insight in the field of IP from his background of trade mark prosecution, litigation and IP contracts such as copyright assignment and licensing agreements. His current areas of IP work include trade mark filing and prosecution, advice on International Registration of Trade Marks under the Madrid Protocol, and Information Technology (domain names).

Kevin is an IP Consultant under the Scope IP programme of the Intellectual Property Office of Singapore (IPOS) and is currently a tutor of the IP Administrators' Course (IP Academy). He contributes regularly as a participant at various local and overseas IP/ branding seminars, conferences and lectures, IP Roundtable Discussions (INTA, IPOS) and Public Feedback Sessions (IPOS). He has also contributed articles for various international IP publications as well as ECSF's own news publications.

QUALIFICATIONS

- Bachelor of Laws (Hons)
- Admitted as Advocate & Solicitor (Singapore)
- Admitted as Solicitor (England & Wales)



PHILIP WOODS

Special Counsel

pwoods@ecsf-asia.com

Philip has specialised in Intellectual Property law and Information Technology for over 35 years in Hong Kong, the Pacific Rim and the UK. Philip has been listed as a leading individual in Intellectual Property within the UK Chambers guide and the UK Legal 500 guide.

Philip has experience in the full range of intellectual property and technology-related matters, both contentious and non-contentious. He has considerable expertise in substantive patent and other IPR infringement actions and also in licensing and commercialisation of intellectual property rights, merchandising, e-commerce, computer and technology development, and technology transfer agreements. His experience has also covered an extensive range of media-related work.

He is an Associate Member of the Chartered Institute of Patent Agents and the Institute of Trade Mark Attorneys in UK. He was also a founding member of The Intellectual Property Lawyers Organisation (TIPLLO) in the UK and also a member of FICPI, INTA and ECTA.

QUALIFICATIONS

- Solicitor (England & Wales)
- Admitted as Solicitor (Hong Kong)



ANGELINE RAJ

Associate

araj@ecsf-asia.com

Angeline obtained a Bachelor of Laws (Hons) degree from the University of London. She was admitted as an Advocate and Solicitor in the High Court of Malaya. Whilst practising law in Malaysia, Angeline obtained a Master of Laws (Hons) Degree from the University of Malaya. During her legal career in Malaysia, she was involved mainly in Commercial Litigation.

Angeline currently advises and prosecutes both local and international trade mark and industrial designs applications (national and international registrations) as well as advises on opposition and infringement matters in relation to the same. She also handles domain name registrations. Angeline has further, contributed articles for various international publications as well as ECSF's own publications.

Angeline is a registered trade mark, patent and design agent in Malaysia.

QUALIFICATIONS

- Master of Laws (Hons)
- Bachelor of Laws (Hons)
- Admitted as Advocate & Solicitor (Malaysia)
- Registered Patent Agent (Malaysia)
- Registered Trade Mark Agent (Malaysia)
- Registered Industrial Design Agent (Malaysia)



MARY THOMAS

Associate

mthomas@ecsf-asia.com

Mary Thomas graduated with a Bachelor of Laws degree (Hons) and has more than 15 years experience in the field of Intellectual Property. Prior to joining Ella Cheong Spruson & Ferguson, Mary had worked in a large law firm and managed the Intellectual Property portfolio in over 60 countries for a multi national pulp & paper company. Her experience in this field ranges from management and prosecution of trade mark applications to investigating and settling trade mark infringement matters in Spain, South America, China, Japan, Indonesia and Philippines.

At ECSF, Mary is involved in the management and prosecution of both local and international trade mark and design applications for clients with diverse backgrounds. She also advises on trade mark opposition and infringement matters relating to the Asean region as well as handles domain name registrations.

Mary is an IP Consultant under the Scope IP programme of the Intellectual Property Office of Singapore and has on periodic basis contributed articles for various international IP publications as well as ECSF's own news publications.

Mary is also a registered Trade Mark and Design agent in Malaysia.

QUALIFICATIONS

- Bachelor of Laws (Hons)
- Registered Trade Mark Agent (Malaysia)
- Registered Industrial Design Agent (Malaysia)



ELLA CHEONG SPRUSON & FERGUSON
Intellectual Property

SINGAPORE

ELLA CHEONG SPRUSON & FERGUSON
(SINGAPORE) PTE LTD

152 Beach Road #37-05/06
Gateway East Singapore 189721

T : +65 6333 7200
F : +65 6333 7222
E : mail@ecsf-asia.com
W : www.ecsf-asia.com

MALAYSIA

ELLA CHEONG SPRUSON & FERGUSON
(M) SDN BHD

A-32-3A, Level 32, Menara UOA Bangsar
No. 5 Jalan Bangsar Utama 1
59000 Kuala Lumpur, Malaysia

T : +60 3 2283 1668
F : +60 3 2283 2668
E : malaysia@ecsf-asia.com
W : www.ecsf-asia.com



SPRUSON & FERGUSON
INTELLECTUAL PROPERTY

ASSOCIATED OFFICE

SPRUSON & FERGUSON
(AUSTRALIA & NEW ZEALAND)

Level 35, St. Martins Tower, 31 Market Street
Sydney, NSW 2000, Australia

T : +61 2 9393 0100
F : +61 2 9261 5486
E : mail@sprusons.com.au
W : www.sprusons.com.au