

Patent Group – Physical Sciences



Physical Sciences & Materials



Christopher Davies

Partner

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Education

BSc, Southampton University, Physics, 1980

Professional Qualifications

UK Chartered Patent Attorney, 1984

(Awarded the Gill Prize for first place)

European Patent Attorney, 1985

Certified Patent Agent Litigator

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

Professional Experience

Chris Davies joined the firm in 1980 and became a partner in 1987. He has a degree in Physics from Southampton University. He was awarded the Gill prize on qualifying as a patent attorney, for achieving the highest marks in the country. He is a certified patent attorney litigator and can therefore conduct litigation in all the higher courts in the UK. He handles mainly patent work in the physics, engineering, electronics and telecommunications fields, as well as design and industrial copyright work. He handles many contentious matters as well as infringement/validity opinions.

Chris specialises in EPO oppositions and appeals, and typically represents clients in twenty to thirty opposition and appeal hearings each year. This makes him one of the most experienced EPO practitioners in the UK. His success rate in these proceedings is extremely high. In recent years he has successfully represented major clients such as Kimberly-Clark, Medtronic and Du Pont in opposition and appeal proceedings involving some of their high profile and important patents, a number of which have been litigated in parallel in the national courts. The technical fields of such cases include disposable nappies, tissues, health care, paper making, printing and medical products. He has also been heavily involved in a number of major telecommunications cases, including litigation of patents concerning the GPRS standard and concerning mobile email systems. Chris has also given evidence as an expert witness in UK court proceedings on the issue of patent amendment.



Philip Towler

Partner

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Education

MA, University of Oxford, Natural Sciences (Chemistry), 1988

Professional Qualifications

European Patent Attorney, 1993

UK Chartered Patent Attorney, 1994

Registered UK Trade Mark Attorney, 1994

Professional Representative before OHIM, 1995

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

Institute of Trade Mark Attorneys

European Communities Trademark Association

International Trademark Association

European Patent Institute

Professional Experience

Philip joined the firm in 1988 and became a Partner in 1998. Whilst studying for his degree in Oxford, he spent a year researching ultrafast laser-induced electron spin resonance techniques. He also completed a course in Quantum Chemistry.

Philip handles patent matters before the UK and European Patent Offices in all areas of chemistry, including pharmaceuticals, polymers, petrochemistry, pigments, electronic materials, photoimaging and food technology. He has substantial experience in representing clients in EPO opposition and appeal proceedings. Philip also maintains a thriving trade mark practice with clients inter alia in the retail, packaging, medical, chemical and civil engineering sectors. He is a frequent visitor to the INTA, ECTA and Marques conferences.

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Andrea Hughes

Partner

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Education

BEng, University of London, Electronics and Electrical Engineering, 1989

LLB, University of London, Law, 2000

LLM, Nottingham University, Intellectual Property Litigation, 2004

Professional Qualifications

UK Chartered Patent Attorney, 1994

European Patent Attorney, 1994

UK Registered Trade Mark Attorney, 1994

Professional Representative before OHIM, 1996

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

Patentanwaltskammer, Germany

International Trademark Association

European Patent Institute

Professional Experience

Andrea Hughes joined the firm in 1989 and became a Partner in 2000. She handles patent work in the electronics and mechanical engineering fields.

Andrea has particular experience in advising on and prosecuting European Patents in the field of medical devices. She also handles trade marks in various fields, including medical technology and publications.

Andrea heads our Munich office and has considerable experience in representing clients at Oral Proceedings before the EPO Examining, Opposition and Appeal Divisions.



John Tothill

Partner

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Education

MA (First Class), University of Cambridge, Natural Sciences (Physical), 1991

Professional Qualifications

UK Chartered Patent Attorney, 1996

(Awarded Strode Prize for final examinations)

European Patent Attorney, 1996

Professional Representative before OHIM, 1996

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

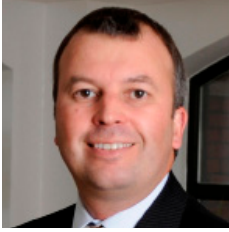
European Patent Institute

Professional Experience

John joined the firm in 1991 and became a Partner in 1999. At Cambridge he studied physics and materials science with options in electronics, microelectronics and optical materials. He was awarded the Strode Prize by the Chartered Institute of Patent Agents for his performance in the Institute's final examinations.

John drafts and prosecutes patent applications in all areas of high technology, including electronics, microelectronics and microprocessors, computing, software, telecommunications, optics and other physics and engineering fields. He also regularly advises on infringement and validity of patents in these fields and on related issues, including the exploitation and use of intellectual property rights. John has particular experience in advising on patents relating to telecommunications standards and has been heavily involved in licensing negotiations relating to patents alleged to be essential to standards.

John has also been heavily involved in a number of major telecommunications cases, including litigation of patents concerning the GPRS standard and mobile email systems. John also has particular interest and experience in assisting and advising SMEs, new and start-up companies in high technology industries both in the UK and Europe. This includes developing intellectual property portfolios, exploiting intellectual property assets and addressing the intellectual property of competitors.



Robert Jackson

Partner

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Education

LLM and Post-Graduate Certificate, Intellectual Property Litigation, Nottingham Law School
BSc, University of Durham, Physics, 1990

Professional Qualifications

UK Chartered Patent Attorney
European Patent Attorney
Patent Agent Litigator
Certificate in IP Law, University of London

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys
European Patent Institute
Member of the Council and Chairman of the Press and Public Relations Committee of the Chartered Institute of Patent Attorneys

Professional Experience

Robert Jackson joined the firm in 1990 and became a Partner in 2001. He handles patent work in a wide range of technical fields for clients ranging from individuals and small start-up companies to major multinationals. A major proportion of his work is original patent drafting and advice work for direct clients both in the UK and in Scandinavia where he has many clients. Robert also handles patent and design enforcement and litigation matters.



Philip Jeffrey

Partner

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Education

BSc Hons (First Class), Southampton University, Physics, 1991
PhD, Southampton University, "Holographic Information Processing", 1994

Professional Qualifications

European Patent Attorney, 1998
UK Chartered Patent Attorney, 1999

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys
European Patent Institute

Professional Experience

Philip joined the firm in 1994 and became a Partner in 2002. He regularly drafts patent applications and has particular experience prosecuting patent applications in high technology physics and engineering fields including photonics, electro-optics, mass spectrometry, oil drilling and exploration, DVDs, holography, lasers and optical communication systems.

In addition to extensive UK and EPO drafting and patent prosecution experience, Philip has experience in UK revocation and post-grant proceedings and in EPO Opposition and Appeal hearings. Philip also has a significant amount of experience effectively prosecuting US patent applications including US Examiner interviews. He also regularly provides infringement, validity and due diligence advice, particularly for SMEs.

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Adrian Samuels

Partner

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Education

MA, University of Oxford, Physics, 1994

Professional Qualifications

UK Chartered Patent Attorney, 1999

European Patent Attorney, 1999

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys
AIPPI

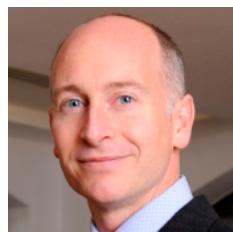
European Patent Institute

Professional Experience

Adrian joined the firm in 1995 and became a Partner in 2003. He handles work in various technical fields including ultrasonic interfaces, control systems for domestic appliances, computer data storage and various areas of physics such as optics, optical fibre sensors and magnetics.

Adrian also has a significant practice in electronics both at systems level and component level; and in computer-implemented inventions, mainly for smaller companies in areas which have included telecommunications, software design, mathematical modelling and microprocessor design and computer games.

Adrian has extensive experience of drafting original patent applications for direct clients and in advising them on IP as part of their strategy for growth. He also has experience in contentious matters including European oppositions and UK and overseas litigation.



Matthew Hall

Partner

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Education

BA Hons, University of Oxford, Metallurgy and Science of Materials, 1991

MSc, University of London, Management of Intellectual Property, 1992

Professional Qualifications

UK Chartered Patent Attorney, 1997

European Patent Attorney, 1997

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys
European Patent Institute

Professional Experience

Matthew Hall joined the firm in 1992. He handles a wide range of patent and design work across various engineering sectors. He advises clients in the fields of construction, automotive, finance, lighting, entertainment, medical devices and children's toys. His work has particular emphasis in the aeronautical industry in relation to gas turbine engines and in areas of mechanical engineering concerning new alloys and coatings.

Matt drafts and prosecutes patent applications in these areas of technology. He also regularly advises on infringement and validity, due diligence and freedom to operate. Matt has extensive experience in protecting inventions for private individuals and small enterprises.



Katherine Mabey

Partner

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Tel +44 (0)20 7632 7200

Education

MA (First Class), University of Oxford, Physics, 1999

Professional Qualifications

UK Chartered Patent Attorney, 2002

(Awarded Gill Prize for first place overall and Strode Prize in Practice Paper)

European Patent Attorney, 2002

Certificate in IP Law, University of London, 2000

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

Professional Experience

Katherine joined the firm in 1999 and became a Partner in 2011. She handles patent work in the physics, engineering and electronics fields, as well as design work. She has considerable experience of handling opposition and appeal work before the European Patent Office.

Based in the Brighton office, Katherine works for SMEs, start up companies, individual inventors and universities as well as multi-national companies. Katherine is involved with providing support to the local SEEDA Enterprise Hubs, and has given workshops raising IP awareness. She is a regular attendee at the UNICO conferences for technology transfer professionals.



Andrew Chiva

Partner

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Education

MSci (First Class), Imperial College, London, Physics, 2001

Professional Qualifications

UK Chartered Patent Attorney, 2006

(Awarded Gill Prize for first place overall and Strode Prize for first place in practice paper)

Certificate in IP Law, University of London, 2003

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

Professional Experience

Andrew joined the firm in 2002 and became a Partner in 2013. At university he studied physics with options including electronics, semiconductors, solid state physics, optical physics and mechanics. He was awarded the Strode Prize and the Gill Prize by the Chartered Institute of Patent Agents for his performance in the Institute's final examinations.

Andrew drafts and prosecutes patent applications in all areas of high technology, including electronics, telecommunications, software, optics, mass spectrometry and other fields of physics. He also works in a wide range of engineering fields, including oil drilling systems, building construction, optical projectors, containers, aircraft engines and sanitary products.

Andrew advises on infringement and validity of patents in the above fields. He also has extensive experience in oppositions and appeals before the European Patent Office.

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Adam Taylor

Partner

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Education

MEng (First Class), University of Cambridge,
Mechanical and Materials Engineering, 2003

Professional Qualifications

UK Chartered Patent Attorney, 2007
(Awarded the Gill Prize for best overall performance)
European Patent Attorney, 2007
Certificate in IP Law, University of London, 2004

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys
European Patent Institute

Professional Experience

Adam joined the firm in 2003 and qualified as a UK and European patent attorney in 2007. He handles filing and prosecution of patent applications relating to technologies in a variety of engineering fields, including automotive engineering, electronics, fuel cells, fluid mechanics, gas turbine components and materials, heat and power production/distribution, mechanical engineering and medical devices. Adam's work includes patent drafting and advice for companies based in the UK and in Scandinavia. He manages the prosecution of international patent portfolios for his clients. He also works on Oppositions and Appeals before the European Patent Office.

In addition to patent work, Adam advises in connection with registration and enforcement of UK and European Community Registered Designs and related unregistered rights.

Prior to joining Dehns Adam worked for the United Kingdom Ministry of Defence, who sponsored him during his time at university, and where he gained experience in a wide range of defence and manufacturing industries.



Laura Ramsay

Partner

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Education

MA, MSci (Hons), University of Cambridge, Physics and
Materials Science, 2003

Professional Qualifications

UK Chartered Patent Attorney, 2008
European Patent Attorney, 2007
Certificate in IP Law, University of London, 2004

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys
European Patent Institute

Professional Experience

Laura joined the firm in 2003 and became a Partner in 2013. She graduated with a first class Master of Science degree in Physics and in her Masters project she fabricated and characterised piezoelectric nanotubes.

Laura handles patent work in various fields spanning physics, engineering and materials science, including spectrometry, optical/magnetic media, renewable energy, electrochemical materials, medical devices, electromechanical controls and oil/gas exploration. She drafts and prosecutes both UK and European patent applications in these fields.

Laura can advise on all aspects of patent law including worldwide patent filing strategies, enforcement of patents in Europe and issues of infringement and validity. Laura is regularly involved in opposition and appeal proceedings before the European Patent Office.

Laura acts for small and medium sized companies as well as universities and large corporate entities. She takes a pragmatic approach with a focus on client care.



James Hull

Partner

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Education

BSc (Hons), University of Bristol, Physics, 1999

Professional Qualifications

European Patent Attorney, 2011

UK Chartered Patent Attorney, 2010

Certificate in IP Law, Brunel University, 2007

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

Professional Experience

James joined Dehns in 2006 and became an Associate in 2012. After graduating from University with a degree in Physics, he worked as a Patent Examiner in the UK Intellectual Property Office for over four years. As part of this role, James searched and examined patent applications in both mechanical and electrical subject-matter.

James handles patent work in a variety of engineering fields, including aeronautical engineering, materials science, oil drilling systems, power generation and transmission, electrical consumer goods, batteries, healthcare products and medical devices.

He has extensive experience drafting and prosecuting applications in the UK Intellectual Property Office and the European Patent Office. James advises on infringement and validity of patents and has dealt with many appeals and oppositions before the European Patent Office.

In addition to patent work, James also files registered design applications and advises on matters of validity and infringement of registered and unregistered designs in the UK and Europe. James works for clients ranging from individuals up to multinational companies as well as overseas patent attorneys.



Stephen Gardiner

Associate

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Education

MPhys, University of Oxford, Physics, 2001

Professional Qualifications

UK Chartered Patent Attorney, 2007

European Patent Attorney, 2007

Certificate in IP Law, University of London, 2002

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

Professional Experience

Stephen joined the firm in 2001 after graduating with a Masters degree in Physics from the University of Oxford. Stephen became an Associate of the firm in 2008.

Stephen handles work in various engineering, physics and computer related fields including electronic and medical devices, signal processing, ventilation equipment, renewable energy sources, fuel cells, gas turbines and various automotive and construction technologies. As well as prosecuting patent applications, Stephen's work includes drafting and filing new patent applications and handling international patent portfolios for clients in the UK and Europe as well as providing advice on patenting strategy and other areas of patent law, including infringement and validity. Stephen also handles registered design work in both the UK and Europe.

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Kerry Bridge

Associate

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Tel +49 (0)89 2422 8130

Professional Experience

Kerry joined the firm in 2003 and became an Associate in 2009.

Prior to working for Dehns, Kerry worked for two years at a large patent attorney firm in Osaka, Japan. Kerry is based in the Munich office and handles patent work in a variety of fields including materials science and medical devices.

Education

BSc (Hons), UMIST, Biomedical Materials Science, 1997

PhD, Manchester University, Polymer Science and Technology, "specialising in the development of biosensors for the quantification of blood glucose for diabetic patients", 2001

Professional Qualifications

UK Chartered Patent Attorney, 2008

(Awarded the Ballentyne Prize for first place in the Infringement and Validity paper)

European Patent Attorney, 2007

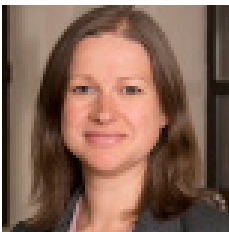
Certificate in IP Law, University of London, 2005

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

Patentanwaltskammer, Germany



Sally Magrath

Associate

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Tel +44 (0)20 7632 7200

Professional Experience

Sally Magrath joined the firm in 2002 having graduated with both a First Class Honours Degree in Physics and an MSc (Distinction) in Distributed Multimedia Systems from the University of Leeds.

Her studies included constructing a flux-gate magnetometer and developing a web-based simulator on the Java platform. Before joining Dehns she worked for a time as a Research Assistant in the School of Computing, University of Leeds.

Sally has the Certificate in Intellectual Property Law from Queen Mary College, University of London, and is both a Chartered Patent Attorney and a European Patent Attorney. She handles work in various engineering, physics and computer related fields.

Education

BSc Hons (First Class), University of Leeds, Physics, 2000

MSc (Distinction), University of Leeds, Distributed Multimedia Systems, 2001

Professional Qualifications

UK Chartered Patent Attorney, 2007

European Patent Attorney, 2008

Certificate in IP Law, University of London, 2003

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

Associate Member of The Institute of Physics



Thomas Harris

Associate
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Tel +44 (0)20 7632 7200

Education

MEng (First Class), University of Oxford, Engineering Science, 2006

Professional Qualifications

UK Chartered Patent Attorney, 2011
European Patent Attorney, 2011
Certificate in IP Law, Brunel University, 2008
Professional Representative before OHIM

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys
European Patent Institute

Professional Experience

Thomas graduated in 2006 with a First Class Honours Degree in Engineering Science from the University of Oxford. After his studies he spent a year as an electronics engineer for QinetiQ Ltd, who sponsored him during his time at university, before joining the firm in 2007.

Thomas drafts and prosecutes patent applications in all areas of high technology, including electronics, computing, software, telecommunications, and other engineering and physics fields.



Mark Bell

Associate
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Tel +44 (0)20 7632 7200

Education

MPhys (First Class), University of Oxford, Physics, 2003
DPhil, University of Oxford, Particle Physics, 2007

Professional Qualifications

UK Chartered Patent Attorney, 2012
European Patent Attorney, 2011
Certificate in IP Law, Brunel University, 2008

Membership of Professional Bodies

Associate Member of The Institute of Physics
Fellow of the Chartered Institute of Patent Attorneys
European Patent Institute

Professional Experience

Mark Bell joined the firm in 2007 having graduated from the University of Oxford with a First Class Master of Physics degree in 2003. He then went on to complete a DPhil in Particle Physics, also at the University of Oxford. His DPhil involved studying the decay of sub-atomic particles a large scale detector on a particle accelerator in Hamburg, which helped give insights into the quark and gluon structure of the proton.

Mark handles patent work in a variety of electronics, engineering and physics fields, including graphics processing, medical devices, mechanical engineering, solid state lighting, optics and data storage. He has experience in drafting new patents in all of these fields, prosecuting such applications to grant before the UK and European Patent Offices, and also handling international patent portfolios. He also files registered designs in the UK and Europe, as well as providing strategic advice regarding the infringement and validity of patents and designs.

Mark acts for clients of a variety of sizes, from individuals, start-ups and SMEs all the way through to multinational corporations, with a particular focus on small and medium sized technology companies for whom their patent portfolios are one of their major assets.

Physical Sciences & Materials



Alex Gittins

Associate

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Tel +44 (0)20 7632 7200

Education

MSci, Imperial College, London, Physics, 2008

Professional Qualifications

Certificate in IP Basic Litigation Skills, Nottingham Law School, 2015

UK Chartered Patent Attorney, 2013

European Patent Attorney, 2012

Certificate in IP Law, Brunel University, 2009

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

Professional Experience

Alex handles patent work in various areas of physics and engineering, and has experience in medical devices (hematology and cytometry), energy generation (biomass and gas turbines), refrigeration, oil/gas exploration (geophysics, drilling, completion), mass spectrometry and consumer products, to name a few.

As well as drafting and prosecuting UK, European and PCT (international) patent applications, Alex is experienced in handling worldwide prosecution and has built good relationships with patent attorneys and other lawyers around the world. He is always in regular contact with inventors and enjoys learning about their technology. He provides helpful input and commercial advice from the drafting stage through to, if necessary, opposition and appeal. Alex regularly attends oral proceedings and hearings at the EPO. He has an enviable success rate, which has been achieved through providing realistic and sound advice. He successfully defended the patent for a device that is now present in over 1,800 hospitals worldwide, and used over 35 million times annually. Alex also has the right to conduct litigation in the Intellectual Property Enterprise Court, having achieved a commendation from the litigation skills course at Nottingham Law School.

Alex graduated from Imperial College London with a degree in Physics. He previously worked as a research scientist at QinetiQ Ltd in the military radar group, as part of a scholarship arrangement.



Samuel Dewhurst

Associate

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Tel +44 (0)20 7632 7200

Education

MPhys (First Class), University of Manchester, Physics, 2006

PhD, University of Cambridge, Physics, 2010

Professional Qualifications

UK Chartered Patent Attorney, 2014

European Patent Attorney, 2014

Certificate in IP Law, Brunel University, 2011

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

Professional Experience

Samuel joined the firm in 2010 after graduating with a First Class Honours degree in Physics from the University of Manchester. In 2010 he obtained a PhD in Physics from the University of Cambridge, where he worked in collaboration with Toshiba Research Europe Ltd focussing on semiconductor quantum dots and related technologies and their uses for quantum information processing applications.

Samuel became an Associate in 2016. He drafts and prosecutes patent applications in all areas of high technology, including electronics, computing, software, semiconductor devices, telecommunications, optics, photonics, mass spectrometry and other physics and engineering fields. Samuel has considerable experience in handling international patent portfolios across multiple jurisdictions, as well as providing freedom to operate and infringement/validity advice for companies in the UK and abroad.



Olivia Tsang

Associate

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Education

MSci, Imperial College, London, Physics, 2003

PhD, Ruprecht-Karls-Universität Heidelberg, Germany, Physics, 2007

Professional Qualifications

UK Chartered Patent Attorney, 2012

European Patent Attorney, 2011

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

Professional Experience

Olivia joined Dehns in November 2013. She completed doctorate thesis on high energy astrophysics at the Max Planck Institute of Nuclear Physics. After finishing her PhD, Olivia joined the IP profession in 2007 training with Haseltine Lake LLP, and has been handling patent and design work from the U.K., Europe, China and the U.S since. Olivia is a native Cantonese speaker and has a working knowledge of Mandarin Chinese. In 2009, she spent a month in China working with a large intellectual property law firm in China as part of her training. In 2012, she travelled to China on several occasions to attend IP related conferences and to give seminars on European IP to Chinese companies.



Greg Icton

Associate

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Tel +49 (0)89 2422 8130

Education

BSc (Hons), Keele University, Physics with Astrophysics, 2007

Professional Qualifications

UK Chartered Patent Attorney, 2013

European Patent Attorney, 2013

Certificate in IP Law, University of London, 2009

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys

European Patent Institute

Professional Experience

Greg joined the firm as a Technical Assistant in 2007, shortly after graduating from Keele University with a degree in Physics with Astrophysics and is based in our Munich office. He prosecutes patent applications in various fields including ICT, electrical and mechanical engineering. Greg also has experience in handling patent applications relating to business methods and software.

Greg acts for many SMEs as well as large corporate clients. He also works closely with many associates abroad to ensure that his clients get the best possible protection in other jurisdictions. Greg regularly attends hearings and events at the EPO.

Physical Sciences & Materials



Katie Dunne

Attorney
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Education

MPhys, University of Oxford, Physics, 2006

Professional Qualifications

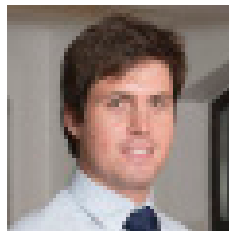
UK Chartered Patent Attorney, 2014
European Patent Attorney, 2014
Certificate in IP Law, Brunel University, 2011

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys
European Patent Institute

Professional Experience

Katie graduated from the University of Oxford in 2006 with a Masters degree in Physics. She then stayed at Oxford for a further four years, reading for a Ph.D. in Experimental Particle Physics. Katie's research involved studying the interaction between positrons and protons using the ZEUS detector at the HERA collider in Hamburg. Katie joined the firm in 2010 and handles work in the Physics and Engineering fields.



Robert Keast

Attorney
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Education

MSci, University of Cambridge, Natural Sciences, 2011

Professional Qualifications

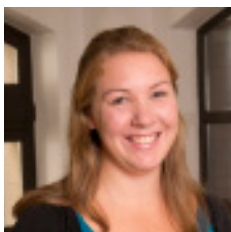
UK Chartered Patent Attorney, 2015
European Patent Attorney, 2015
Certificate in IP Law, Brunel University, 2012

Membership of Professional Bodies

Fellow of the Chartered Institute of Patent Attorneys
European Patent Institute

Professional Experience

Robert joined the firm in 2011, after graduating from the University of Cambridge with an MSc and BA in Natural Sciences. In his final two years, he specialised in physics, more specifically astronomy and cosmology, geophysics and particle physics. For his MSc, he undertook a project on designing and constructing an electro-mechanical device to be used as a stable oscillator in electrical circuits.



Emily Anstis

Assistant
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Education

MPhys, University of Oxford, Physics, 2011

Professional Qualifications

Certificate in IP Law, Brunel University, 2012
European Patent Attorney, 2015

Membership of Professional Bodies

Student Member of the Chartered Institute of Patent Attorneys
European Patent Institute

Professional Experience

Emily joined the firm in 2011 after graduating from the University of Oxford with a BA in Physics. Emily previously spent a summer studying nanoparticles using secondary ion mass spectrometry and other surface analysis techniques at the National Physical Laboratory. She handles patent work in a variety of physics and engineering fields.



Suzannah Merchant

Assistant
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Education

MPhys (First Class), University of Oxford, Physics, 2006

Professional Qualifications

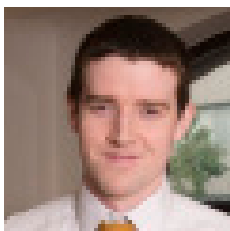
Certificate in IP Law, Brunel University, 2012

Membership of Professional Bodies

Student Member of the Chartered Institute of Patent Attorneys

Professional Experience

Suzannah graduated from the University of Oxford in 2006 with a first-class Master of Physics degree. In her final year she specialised in lasers, optics, quantum information processing and theoretical physics, and undertook a computational research project modelling error correction in quantum networks. She remained at Oxford to pursue a D.Phil. in the field of terahertz spectroscopy. Her research focused on the analysis of terahertz data for thin-film semiconductor materials. Suzannah joined the firm in 2011.

**Thomas Parry**

Assistant
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Education

MSci, University of Cambridge, Natural Sciences, 2010

Professional Qualifications

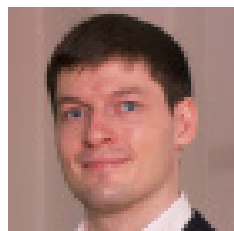
Certificate in IP Law, Brunel University, 2013

Membership of Professional Bodies

Student Member of the Chartered Institute of Patent Attorneys

Professional Experience

Thomas graduated from the University of Cambridge with an MSci and BA Natural Sciences (Physics) in 2010, specialising in Condensed Matter Physics in his final year. After graduating he started research in the Optoelectronics Group at the Cavendish Laboratory, before joining the firm in 2012. Whilst working in Cambridge his research focussed on Charge/Spin Transport in Organic Semiconductors and Magnetic Resonance experiments thereon. Thomas handles patent work in various physics and engineering fields.

**David Viita**

Assistant
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Education

MPhys, University of Manchester, Physics, 2009
PhD, University of Manchester, Materials Science, 2013

Professional Qualifications

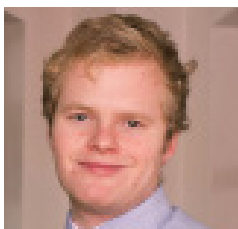
Certificate in IP Law, Brunel University, 2014

Membership of Professional Bodies

Student Member of the Chartered Institute of Patent Attorneys

Professional Experience

David Viita joined the firm in 2013 after completing a PhD in Materials Science at The University of Manchester. He also holds a Masters degree in Physics from the same institution. During his PhD he studied woven body armour at high speed using laser Raman spectroscopy. During his Master's project he studied fabricated nanomaterials exhibiting negative refractive index - this technology has the potential to form, single-molecule biosensors, cloaking devices, and perfect lenses not subject to the diffraction limit. David handles patent work in various physics, materials, and engineering fields.

**Alex Ford**

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Education

MEng (First Class), University of Oxford, Materials Science, 2013

Professional Qualifications

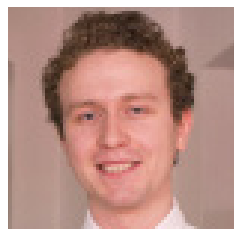
Certificate in IP Law, Brunel University, 2014

Membership of Professional Bodies

Student Member of the Chartered Institute of Patent Attorneys

Professional Experience

Alex joined the firm in 2013, shortly after graduating from Oxford University with a First Class Master of Engineering degree in Materials Science. His final year was spent in research, developing the synthesis of graphene for transparent conducting film applications. Alex spent a summer undertaking a computational research project modelling diffusion of nitrogen through steels at Ruhr-University Bochum in Germany and has also interned as a Materials Engineer with Rolls-Royce, conducting research and development activities on superalloy components for use in the aero engine. He handles a variety of patent work within the physical sciences, engineering and materials.

**Ben Allum**

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Education

MSci, University of Cambridge, Experimental and Theoretical Physics, 2012

Professional Qualifications

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Membership of Professional Bodies

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Professional Experience

Benedict joined the firm in 2013 after graduating from the University of Cambridge with an MSci and BA in Experimental and Theoretical Physics. During his final year he specialised in astrophysics and particle physics, and completed an experimental research project investigating the properties of thermal waves on the surfaces of polymer solutions using various light scattering techniques. Benedict deals with a variety of cases in the physics and engineering fields, including memory storage devices and mass spectrometers.

Physical Sciences & Materials



James Ring

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Education

MSci, University of Bristol, Physics, 2009
PhD, University of Bristol, Theoretical Physics, 2013

Professional Qualifications

Certificate in IP Law, Brunel University, 2014

Membership of Professional Bodies

Student Member of the Chartered Institute of Patent Attorneys

Professional Experience

James graduated from Bristol University in 2009 with a Masters degree in Physics, staying on for another four years to obtain a Ph.D in Theoretical Physics. His research in Optics led to the introduction of several new laser beam profiles with unusual properties and various applications in superresolution imaging and microparticle manipulation.

James joined the firm in 2013 and handles a variety of work in Physics and Engineering.



Samuel Cleary

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Education

MEng (First Class), University College London, Electronic Engineering and Computer Science, 2014

Professional Qualifications

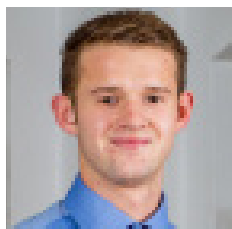
Certificate in IP Law, Brunel University, 2015

Membership of Professional Bodies

Student Member of the Chartered Institute of Patent Attorneys

Professional Experience

Samuel joined the firm in 2014 after graduating from University College London with a first class MEng degree in Electronic Engineering with Computer Science, earning a place on the Dean's List of top graduates. In his third year, he carried out a project modelling moth-eye anti-reflective nanostructures for use in thermochromic smart windows. During his fourth year, he worked on electrospinning organic nanofibres. He also did a summer internship with BP, working on instrumentation and protective systems for use on offshore oil & gas platforms.



Thomas Williams

Assistant
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Education

MPhys (First Class), University of Durham, Physics, 2014

Professional Qualifications

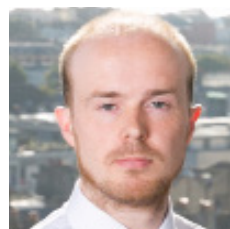
Certificate in IP Law, Brunel University, 2015

Membership of Professional Bodies

Student Member of the Chartered Institute of Patent Attorneys

Professional Experience

Thomas joined the firm in 2014 after graduating with a first-class Masters degree in Physics from Durham University, specialising in lasers, optics, quantum information processing and astronomy. During his fourth year he carried out a project on spatial light modulation of laser beams for use in trapping and manipulation of cold atoms.



Joseph Dewhurst

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Education

MPhys (First Class), University of Manchester, Physics, 2006
PhD, University of Warwick, Physics, 2010
MSc, University of Manchester, Medical Physics, 2011

Membership of Professional Bodies

Student Member of the Chartered Institute of Patent Attorneys

Professional Experience

Joseph Dewhurst joined the firm in 2015 after spending five years as a medical physicist at The Christie Hospital in Manchester where he carried out research in error detection for radiotherapy treatment planning and dosimetry for photodynamic therapy. Joseph has a First Class Honours MPhys physics degree from the University of Manchester, spending the third year of his course at the University of California at Santa Cruz. He went on to obtain a PhD in plasma physics from the University of Warwick, studying turbulence in the edge region of nuclear fusion devices in collaboration with the National Institute for Fusion Science (NIFS) in Japan. Joseph handles patent work in various physics and engineering fields.

**David Sinclair**

Assistant

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Education

MPhys, University of Durham, Physics, 2011

DPhil, University of Oxford, Astrophysics, 2015

Membership of Professional Bodies

Student Member of the Chartered Institute of Patent Attorneys

Professional Experience

David joined the firm in 2015 after completing his DPhil in Astrophysics at the University of Oxford. He also holds a Master's degree in Physics from the University of Durham. For his DPhil, David performed simulations and applied digital signal processing techniques to help design the international Square Kilometre Array radio telescope. Previously, David experimented with novel techniques to emulate atmospheric turbulence in the laboratory for his Master's project.

**Nia Madden**

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Education

MPhys, University of Oxford, Physics, 2015

Membership of Professional Bodies

Student Member of the Chartered Institute of Patent Attorneys

Professional Experience

Nia joined the firm in 2015, after completing a Masters degree in Physics at the University of Oxford.

During her Masters degree, Nia specialised in lasers, quantum information and computation, and condensed matter. Her Masters project involved optimising deposition methods for photoluminescent materials to increase the efficiency of solar cells.

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