

MedTech IP expertise



8,823

PATENT FILINGS



8,823 MedTech patent filings in Great Britain between 2015-2024, reflecting sustained innovation and investment despite a challenging regulatory and funding environment. ^[1]

80%

POSITIVE
OUTCOMES



Our MedTech team has achieved 80% positive outcomes in oppositions and appeals over the last three years. ^[2]

\$570bn

GLOBAL
MARKET



USD 570bn+ global MedTech market in 2025, projected to surpass USD 800bn by 2030 as AI, robotics and connected care drive growth. ^[3]

MedTech

2025

MedTech IP expertise: Protecting innovation in a connected healthcare world

The MedTech sector is transforming rapidly, driven by the convergence of healthcare, data, and technology. From AI-enabled diagnostics and robotic surgery to wearable health devices and digital therapeutics, the sector is redefining how healthcare is delivered, monitored and personalised.

HGF's MedTech team provides leading intellectual property expertise to help companies protect their innovations, navigate complex regulatory environments, and maintain competitive advantage in this fast-moving global market.

Key industry challenges

The MedTech sector faces an increasingly complex and interconnected landscape where regulation, data, and technology converge:

- **Evolving regulation:** Global expansion brings the challenge of navigating diverse and rapidly changing regulatory systems, increasing complexity in product launches and compliance strategies.
- **Cybersecurity and data privacy:** As more medical devices become networked and mobile health apps proliferate, safeguarding patient data is essential to maintaining trust and meeting global standards.
- **Shift to connected solutions:** MedTech companies are transitioning from producing standalone devices to delivering integrated, data-driven services that interface with electronic health systems, requiring IP strategies that protect software, interoperability, and long-term platform value.

Current trends and legal developments

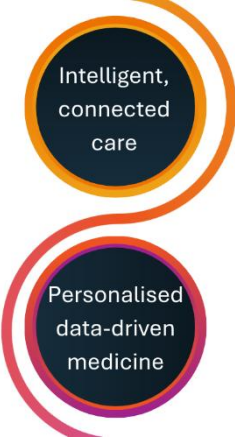
The MedTech sector is being reshaped by technological convergence, creating new opportunities and challenges for IP strategy. Artificial Intelligence and data science are transforming diagnostics, treatment planning, and personalised medicine. As AI becomes embedded in devices and software, issues of inventorship, data ownership and algorithm transparency are coming to the forefront, requiring precise and adaptable protection strategies.

Digital health and wearable technologies are extending healthcare beyond hospitals and clinics into the home. The expansion of telemedicine and connected devices places greater importance on safeguarding software, data flows and user interfaces, ensuring that interoperability and patient data protection are supported by strong IP frameworks.

Meanwhile, advances in manufacturing, robotics and augmented reality are redefining how medical devices are designed and delivered. From 3D-printed components to AI-assisted surgical systems, these developments are broadening the scope of innovation and driving a need for integrated IP protection across hardware, software, and data driven processes.



Future outlook for MedTech



Intelligent,
connected
care

Continued advances in robotics, AI-assisted surgery and advanced manufacturing are set to further transform how medical technologies are developed and delivered.

Personalised
data-driven
medicine

The next wave of innovation will be defined by genomics, bioinformatics, and AI-powered discovery, enabling treatments tailored to individual patients.

Our track record in MedTech

HGF combines legal excellence with deep technical capability to deliver results across the MedTech innovation lifecycle. Our team has extensive experience covering technologies such as surgical and drug delivery devices, wearables, robotics, diagnostics, and digital therapeutics.

As one of Europe's leading oppositions and appeals practices, HGF has achieved over 80% positive outcomes in MedTech cases over the past three years – a testament to our rigorous technical preparation, commercial insight, and client-focused approach.

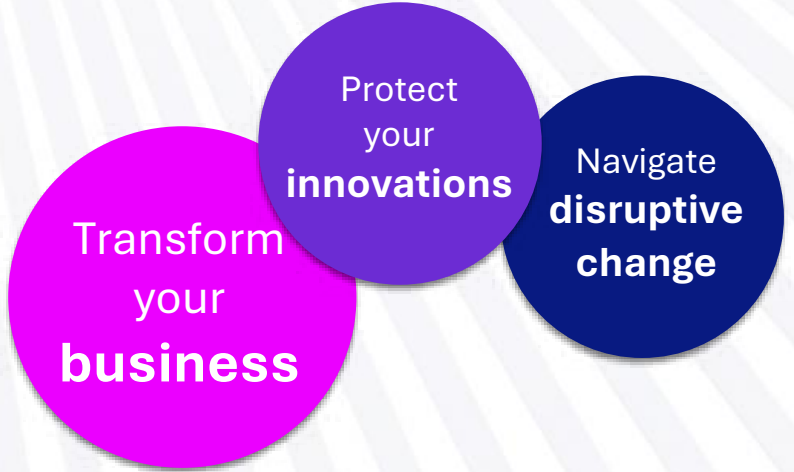
HGF's MedTech expertise and client-focused innovation

Our MedTech team delivers end-to-end IP solutions, from drafting and prosecution to portfolio strategy, oppositions and design protection. Our expertise spans the full spectrum of MedTech technologies, including wound management, absorbency, and hygiene products; bioreactors and cell culture; surgical instruments, drug delivery and infusion devices; orthopaedic and dental care technologies; imaging and monitoring devices; and wearable health, FemTech, and wellbeing applications. The team also has extensive experience in robotic surgery equipment, AI and AR integration, bioinformatics, genomics, diagnostics and in-silico medicine, as well as digital therapeutics and healthcare software platforms.

What sets HGF apart is our commitment to providing a blend of legal and technical expertise, ensuring that clients not only secure their IP rights but also maintain a competitive edge. Our team is well-versed in crafting strategies that are flexible and forward-looking, enabling clients to navigate emerging challenges with confidence.

Our clients and prospects

HGF's MedTech team partners with some of the most innovative companies in the MedTech sphere, including some of the top industry leaders. As we continue to expand our client base, we are actively engaging with other key prospects in the sector, positioning HGF as a trusted partner for companies driving the future of MedTech.



Transform
your
business

Protect
your
innovations

Navigate
disruptive
change

Specialist MedTech team

Jennifer Uno, Partner & Patent Attorney



Jennifer has a wealth of experience as a patent attorney, spending time as a coordinator of global IP portfolios, strategic advisor, EPO opposition specialist, and drafter and prosecutor of patent applications in the engineering and physics fields.

She is particularly strong in the fields of medical devices (e.g. infusion devices, wound dressings, vacuum therapy apparatus, retinal treatment devices, waste disposal), mechanical devices and subsea technology (e.g. pipelines, cable protection, vehicles, vessels), and apparatus incorporating aspects of physics or electrochemistry.

[More information about Jennifer](#)

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Janine Swarbrick, Partner and Patent Attorney



Janine's day to day work involves drafting and prosecution of patent applications related to many areas of physics, electronics, and computing-focused technologies. She co-leads the Electronics MedTech sector, engaging with clients working in the rapidly developing fields of MedTech, digital health, bioinformatics and FemTech. Janine is also an AI specialist working with clients to obtain IP protection for AI powered innovations across various industry sectors.

Janine has extensive experience in helping clients (from local inventors to multinational companies) to protect inventions relating to physics-based fields.

[More information about Janine](#)

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Sofie McPherson, Patent Director



Sofie is a chartered UK and European Patent Attorney and her work includes providing strategic advice on how to protect inventions and to deliver solutions that are commercially focused and relevant to the client. She easily adapts to her clients' ways of working and takes a proactive role to support their needs.

Sofie specialises in MedTech, Digital Health, and Bioinformatics. She has significant experience in software, AI, sensors, wireless communication technologies and connected medical ecosystems in a range of medical applications including training, diagnostics, and treatments.

[More information about Sofie](#)

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Kieran Killough, Partner & Patent Attorney



Kieran has over 17 years' experience advising clients on IP matters relating to physics and engineering technologies. Specialist technical areas include medical devices, automotive, semiconductors, graphene, subsea engineering, particle accelerators, detectors, spectroscopy and microscopy.

Kieran's practice focuses mainly on the identification and procurement of IP rights and he routinely works with clients to maximise the value that may be extracted from R&D work undertaken. He has extensive experience in drafting and prosecuting patent applications and is skilled at formulating innovative strategies that strike an effective balance between protection of commercially valuable concepts and clients' budgets.

[More information about Kieran](#)

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Adam Hines, Partner & Patent Attorney



Adam is a commercially-minded attorney with considerable experience of building, optimizing and defending patent portfolios and co-leads the medical device sector.

Having previously managed an extensive patent portfolio at a multinational healthcare company, Adam is adept at developing harmonized, robust global IP strategies that complement the commercial goals of his clients and add value to their business. European patent oppositions are a core aspect of Adam's work and he commonly represents clients at hearings before the European Patent Office both attacking and defending business-critical patents.

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Jason Lessard, Partner & Patent Attorney



Jason is a Division Head in our Technology and Engineering Group.

The majority of Jason's work is in advising SMEs and multinationals on their IP strategy, drafting, filing and prosecuting patent and design applications throughout the world and conducting freedom-to-operate projects.

Jason is a bilingual (French and English) European and Chartered UK Patent Attorney and UPC Representative. He also has Limited Recognition before the US Patent and Trade Mark Office. He was a European Trade Mark and Design Attorney before the UK left the EU.

[More information about Jason](#)

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Key contacts: Please contact one of our specialists, [Sofie McPherson](#), [Janine Swarbrick](#), or [Adam Hines](#), to discuss how the MedTech process can serve your commercial needs.