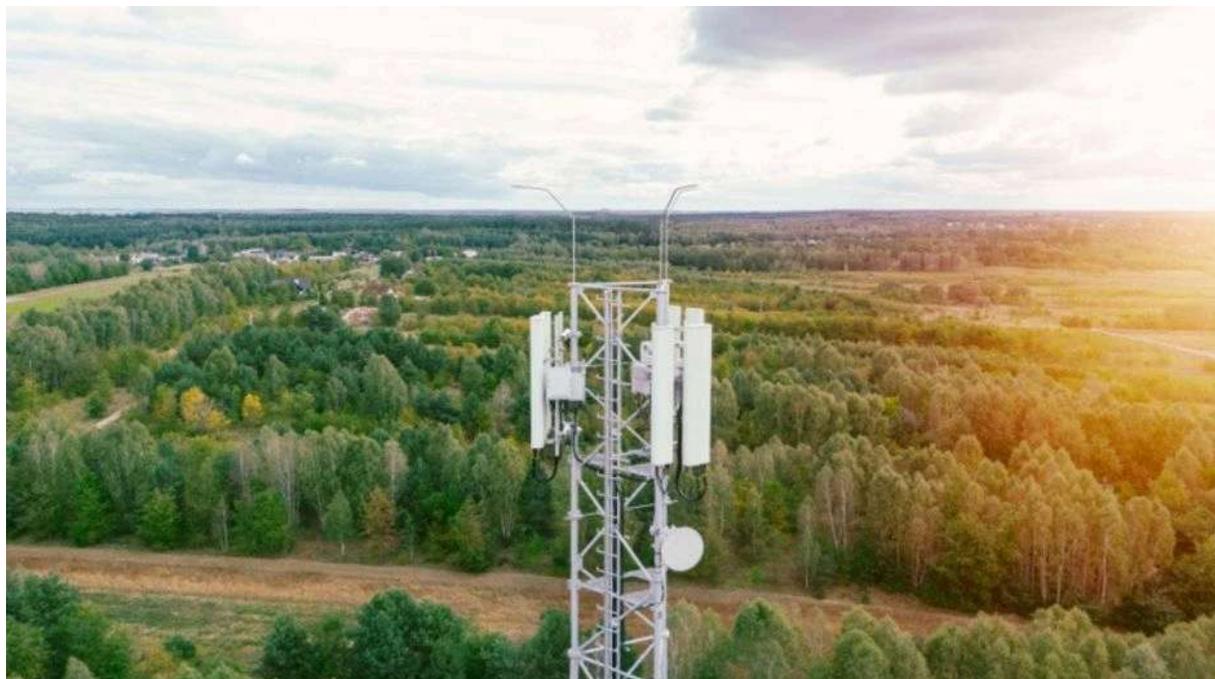




October 2025 US patent transactions

Angela Morris

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US patent transactions recorded in October may not have involved eye-popping numbers of assets, but the deals likely traded high-value patents from innovators like Ericsson and Sony – the latter selling 5G patent assets to Toyota Motor.

Additionally, at least four of the transactions may create patent litigation risk for companies operating in industries like wearable health-monitoring technologies, nutraceuticals, e-commerce and medical imaging.

IAM has partnered with Richardson Oliver Insights on a monthly data column reporting patent transactions recorded with the US Patent and Trademark Office. This article reports October-recorded transactions involving 25 or more patents. Our research reveals the reasons underpinning some of the patent deals.

Table 1: Largest US patent transactions recorded in October

US patent assets	Assignor	Assignee	Recorded	Execution
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69	PCT International	DMZ Global	22 October	21 October
44	Valencell	Vista Primavera	20 October	3 October 2024
40	Eastman Chemical Company	ExxonMobil Product Solutions Company	20 October	24 September
40	Vitaworks IP	Libre Holdings	13 October	8 September
37	Genetesis	SB Technology	31 October	4 October
36	Buckout Advisors Series One	Cogent Insights Licensing	20 October	6 September
36	Next Science IP Holdings	Osartis	19 October	15 September
34	Vitec Holdings Italia and Vitec Imaging Solutions	VIJIM Limited	15 October	13 October
33	ZT Group International	AMD Design	21 October	20 October
30	Clearone Holding	Biamp Systems	30 October	24 October
29	Delphinus Medical Technologies	Aperia Medical	7 October	30 September
28	Half Moon Medical	Medtronic	10 October	30 April
28	Osom Products	Ensignt	31 October	10 October
27	KB Partners	Stats	1 October	25 August
27	Phenix Real Time Solutions	KB Partners	1 October	24 August
27	Sony Group	Toyota Jidosha Kabushiki Kaisha	28 October	23 October
26	Telefonaktiebolaget Lm Ericsson	Sago Strategic Solutions	13 October	12 June
25	Open Invention Network	SUSE	24 October	3 December 2021

Source: Richardson Oliver Insights

To formulate this list, ROI's COO Erik Oliver queried his firm's database for transactions recorded at the patent office in October. The search eliminated records of security interests and only included transactions of two or more assets. At IAM, we studied each transaction and omitted those from inventors to companies and companies to their subsidiaries. This allowed us to home in on true buy-sell transactions.

It is important to note that asset counts above do not include international patents because when a company sells a global patent portfolio, the USPTO's assignments database reflects only the US assets that changed hands. Furthermore, it only lists granted patents and published applications (there's an 18-month lag between application filing and publication). During October, the patent office updated its patent assignments database, which altered a data feed. While ROI has checked transactions manually, some may have been missed.

Here are details on some of the most intriguing deals from October.

Wireless communications patents

Sony and Toyota

Japan-based electronics maker Sony Group and automotive manufacturer Toyota were involved in a patent transaction of 27 US assets in October. These patents cover technologies related to wireless communication systems, including user equipment

positioning, base station and relay device selection, spectrum management, channel detection, flexible capability indication and methods for improving wireless network performance and device interoperability. The technologies are in 5G mobile phones, wireless base stations and network infrastructure for mobile operators.

Ericsson and Sago

Swedish telecommunications company Ericsson transferred 26 patent assets to Sago Strategic Solutions, a Delaware-based IP holding company. The pair have been involved in patent transactions in the past. These **patents cover** technologies for wireless communication networks, including signal processing, channel estimation, congestion control, beamforming, antenna calibration, load sharing, network slicing and methods for optimising transmission and handover. Products and services utilising these technologies include mobile phones, 5G base stations and network management platforms. Sago does not have a history of patent litigation in the US.

OIN and SUSE

Open Invention Network is a patent non-aggression defensive entity focused on the open-source Linux operating system. One of its founding members and board members is SUSE, a Luxembourg company (with a Utah office) offering enterprise open-source software for automotive, telecom, banking and other industries. The 25 transacted **patents cover** wireless communications infrastructure, device-to-device communication, mobile call enhancement and more. Examples of products and services utilising these technologies include mobile phones and base stations, secure mobile payment systems, enterprise virtualisation platforms and more.

NPE risk

Valencell and Vista Primavera

Valencell, a biometric sensor technology company in North Carolina, transferred 44 US patent assets to Vista Primavera, a company formed in August 2024 in Delaware. These **patents cover** wearable physiological monitoring technologies, including optical sensors integrated into earbuds and headphones, motion artefact reduction algorithms, flexible sensor arrays and data presentation systems for continuous health tracking. The technologies appear in fitness tracking earbuds that monitor heart rate and blood oxygen levels, wireless headphones with integrated biometric sensors, hearing aid accessories with embedded health monitoring capabilities, sports performance monitoring devices for athletes and other wearables that track cardiovascular metrics, activity levels and sleep patterns.

Vitaworks IP and Libre Holdings

Forty patent assets transferred from Vitaworks IP to Libre Holdings on 8 September, with the parties recording the transaction on 13 October. These **patents cover** chemical processes for manufacturing taurine and related intermediates. The technologies appear in pharmaceutical ingredient manufacturing plants that produce taurine for use in energy drinks, dietary supplements, pharmaceutical formulations, pet nutrition products and

other uses. Vitaworks IP is based in New Jersey and it filed for **bankruptcy** in December 2024. From 2016 to 2021, Vitaworks filed six patent assertions in US district court and one in the US International Trade Commission, according to Docket Navigator. Libre Holdings, based in Massachusetts, formed in 2010 and offers computer-related services; it does not have a patent litigation history.

Buckout Advisors and Cogent Insights Licensing

Prolific patent monetiser **Greg Benoit** is the director of Cogent Insights Licensing, a Canadian IP licensing company that received 36 US patent assets from Buckout Advisors, a New York based business entity. These **patents cover** optimisation algorithms and decision-making systems based on game theory. The technologies appear in software platforms such as dynamic pricing engines for e-commerce and online marketplaces that optimise bidding strategies and resource allocation, telecommunications network management systems that prioritise data traffic and handovers in mobile and ad hoc wireless networks, automated trading systems used in financial markets and more. Cogent Insights does not have a US patent litigation history, but its director, Benoit, operated the former No 1 US asserter, Cedar Lane Technologies, which no longer files cases. Today Benoit operates Patent Armory, which has filed 271 US district court assertions.

Delphinus and Aperia

Benoit is also the manager of Aperia Medical, a Texas-formed company that received 29 US patent assets from Delphinus Medical Technologies, a breast cancer medical imaging and diagnostics company based in Michigan. These **patents cover** ultrasound tomography imaging systems and methods for breast tissue characterisation. The technologies appear in medical diagnostic devices such as automated ultrasound tomography scanners used in breast imaging centres and radiology departments for breast cancer screening and diagnostic evaluation.

Operating company transactions

Eastman Chemical and ExxonMobil Product Solutions

A transaction of 40 US patent assets trade hands from Eastman Chemical to ExxonMobil Product Solutions on 24 September, and the parties recorded the transfer on 20 October. Eastman Chemical, a publicly traded company based in Tennessee, operates globally in chemicals, fibers and plastics; ExxonMobil Product Solutions is a Texas-based subsidiary of Exxon Mobil Corp that focuses on chemicals and specialty products, interating with its parent company's natural gas refining operations. These **patents cover** chemical recycling technologies for waste plastics and methods for producing recycled-content chemicals and polymers from post-consumer plastic waste. The technologies appear in industrial facilities such as advanced recycling plants that convert mixed plastic waste into petrochemical feedstocks, integrated chemical complexes where recycled-content pyrolysis products help produce ingredients for new plastics, carbon capture systems at chemical recycling facilities and downstream manufacturing operations producing recycled-content ingredients for new uses.

Genetesis and SB Technology

Genetesis, an Ohio-based medical imaging and diagnostics company, transferred 37 US assets to SB Technology, a California-based AI and quantum technology firm that spun out of Alphabet in 2022 and does business as SandboxAQ. One of SandboxAQ's core activities is AI-driven medical diagnostics. These **patents cover** non-invasive cardiac diagnostic technologies using biomagnetic field sensing, including magnetocardiography systems for detecting coronary artery disease and cardiac ischemia, machine learning algorithms for analysing bioelectromagnetic signals, platform architectures for medical data processing and electromagnetically shielded chambers for diagnostic measurements. The technologies appear in medical diagnostic devices in hospital cardiology departments and emergency rooms for rapid assessment of chest pain patients without radiation exposure and AI-powered diagnostic software that analyses cardiac electrophysiology data to identify ischaemic heart disease.

Half Moon and Medtronic

In an April transaction recorded in October, Half Moon Medical transferred 28 US patent assets to Medtronic. These **patents cover** technologies related to cardiac valve repair and replacement, including prosthetic leaflet devices, leaflet stabilisers and extensions, coaptation assist devices with sensors, annuloplasty devices, multiple-clip coaptation structures and advanced delivery systems for implanting these devices. In 2017, Medtronic, based in Ireland, **partnered with a medtech incubator** to create California-based Half Moon and Medtronic supplied investments and IP to support the new company. Medtronic retained the exclusive right to acquire Half Moon if it met technical and clinical milestones. In 2020, Half Moon received regulatory approval for a **pilot study** for certain severe patients.

PCT International to DMZ Global

The largest transaction in the month included 69 US assets transferred from PCT International to DMZ Global. These **patents cover** coaxial cable connectors, shielding technologies for cables and RF interference mitigation, CATV network components, fibre optic connector assemblies and cable construction methods designed for broadband and telecommunications infrastructure. PCT is an Arizona-based broadband connectivity solutions company that specialises in coaxial and fibre optic products, while DMZ is a New Jersey company that manufactures telecommunications components, including coaxial and fibre optic solutions.

Business sales

Next Science and Osartis

An acquisition valued at \$50 million underpins the 36-patent transaction between Next Science IP Holdings and Osartis. Next Science, an Australian wound care firm specialising in biofilm-related infection control products, sold all its assets to OSARTIS, a Germany-based subsidiary of Demetra Holding SpA which produces biomaterials and bone cements for medical uses. They finalised the deal on 15 September. These **patents**

cover antimicrobial compositions, methods for disrupting biofilms, wound care products, disinfectants for hard surfaces and therapeutic applications for treating infections. The technologies appear in wound cleansing solutions and gels to treat chronic wounds, surgical site infections and biofilm-contaminated tissues; antimicrobial irrigants for surgery procedures, oral care formulations and other treatments for conditions in which biofilm-forming bacteria prove resistant to conventional antibiotics.

ZT Group and AMD Design

The 33 US assets that New Jersey-based ZT Group transferred to California-based AMD Design may be related to a wider business transaction. Previously, ZT Group and AMD Design were both related to Advanced Micro Devices, Inc. But on 27 October, the company **completed a sale** of ZT Group International (known as ZT Systems) to Sanmina Corp for \$2.4 billion cash, plus stock and contingent payments totalling \$3 billion. ZT Systems designs and manufactures hyperscale server solutions for data centres, while AMD Design designs, manufactures and sells integrated circuits. These **patents cover** mechanical and thermal management components for data centre servers and computing systems, including liquid cooling infrastructure, rack mounting hardware, fan control algorithms and heat dissipation devices. The technologies appear in enterprise IT hardware products such as high-density rack-mount servers deployed in data centres for cloud computing and AI workloads.

ClearOne and Biamp Systems

A business **asset purchase** explains the 30-patent transaction from ClearOne Holdings to Biamp Systems. Biamp purchased intellectual property, product inventory and customer data for ClearOne's conferencing and collaboration products. ClearOne, based in Utah, designs and sells conferencing and network streaming equipment, while Oregon-based Biamp provides professional audiovisual solutions. These **patents cover** audio and video conferencing technologies, including acoustic echo cancellation systems, beamforming microphone arrays, multipoint control unit (MCU) functionality for video conferencing and more. The technologies appear in professional audiovisual products such as ceiling-mounted microphone arrays and conference room speakerphones used in corporate meeting spaces, video conferencing systems deployed in boardrooms and more.

Bankruptcy

Osom Products

The 28 assets that Osom Products transferred to Ensign are related to a business bankruptcy. Osom, based in California, aimed to create a privacy-first smartphone but it closed in 2024. Ensign, also in California, provides services and a SaaS platform for insurance carriers that does quoting, illustrations and virtual sales. These **patents cover** technologies for enabling electronic devices to function as web cameras, device cases with activatable shields to block wireless signals, client-side VPN chaining, connection hubs and USB cables with integrated switches for privacy modes and more.

Phenix Real Time Solutions

Chicago-based **Phenix** developed video streaming technology for sports betting, e-sports and live events. Its lead investor was KB Partners, also from Chicago, which became a creditor when Phenix struggled financially and defaulted on financing agreements, entering an **asset auction**. Two back-to-back patent transactions in August, recorded in October, show what happened to Phenix's patent assets. First, Phenix transferred 27 US assets to KB Partners, followed by KB transferring the same patents to Stats, a Chicago company focused on sports data and AI-driven analytics for leagues, broadcasters and betting operators. These **patents cover** technologies for real-time and adaptive video streaming, including live event viewpoint simulation, targeted content and ad insertion, digital rights management, synchronisation of remote data consumption, adaptive bit-rate broadcasting and using eye gaze as a proxy for viewer attention.



Angela Morris

Deputy editor

IAM

angela.morris@lbresearch.com