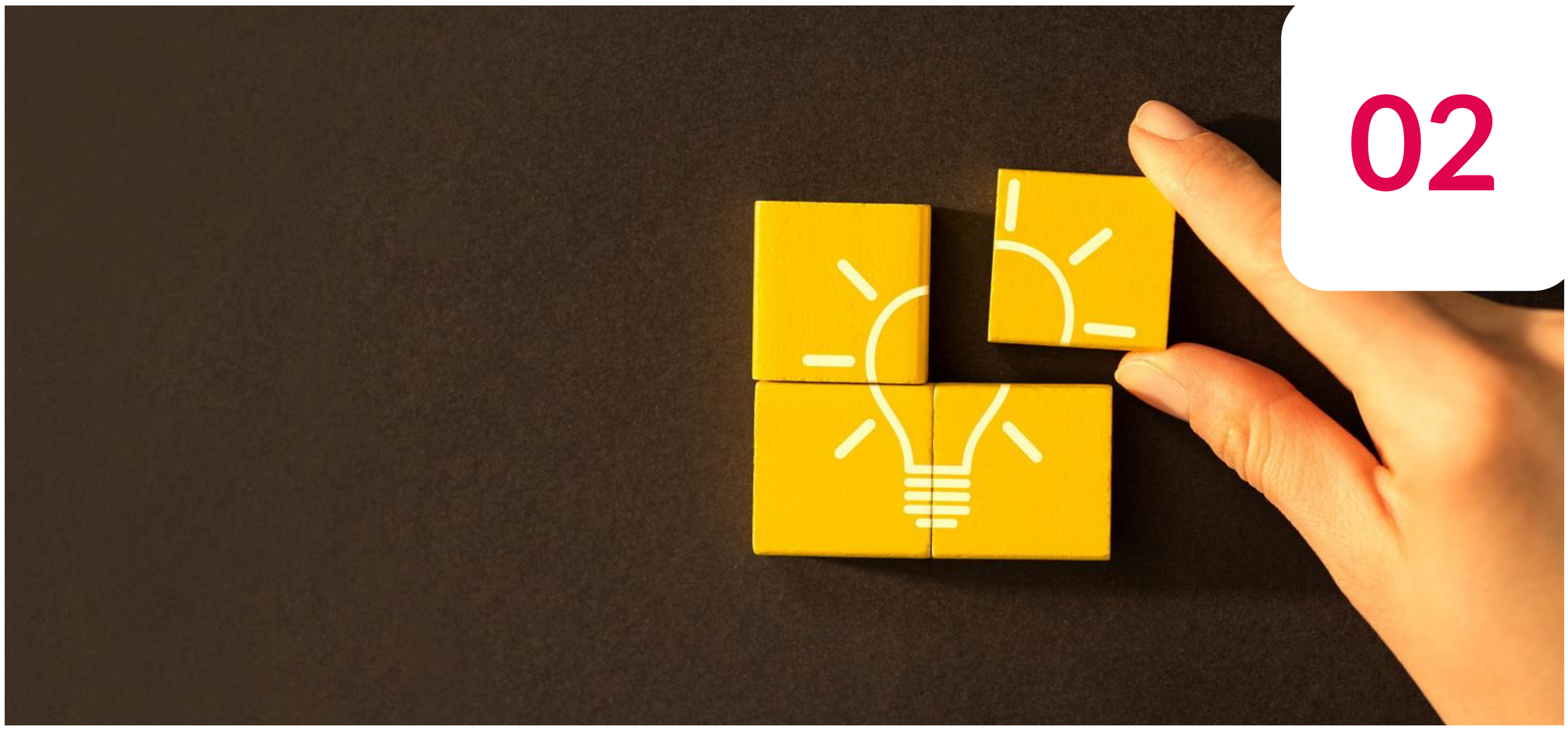
Evalueserve IP and R&D

August 2025

IPR&D SPARK NEWSLETTER

We can't wait to spark your imagination and fuel your journey as an IP expert!



02

WELCOME TO THE AUGUST EDITION OF IPR&D SPARK!

IPR&D Spark Newsletter aims to spark your creativity, ignite your curiosity, and keep you informed on industry trends, legal updates, and insightful analyses. Dive in and explore the fascinating world of IP and R&D with us! This newsletter isn't just about staying informed; it's about fostering a community of passionate minds.

Share your ideas at: Iprdsparknewsletter@evalueserve.com and let's navigate the ever-evolving landscape of IP and R&D together.

What's New & What's Next

02

Upcoming Event

Webinar: The Business of IP – Leveraging AI to Deliver Operational Efficiency & Quality

Register Now

August 28,
12 PM ET

IPWatchdog®

CONTENTS

Legal Watch

- Federal Circuit lacks jurisdiction over award that doesn't raise issue of patent law
- USPTO Director Blocks Patent Challenges for "Settled Expectations" of "Older" Patents
- Update to the DOCX definition for filing with the European Patent Office
- Patent Case Summary: Egenera, Inc. v. Cisco Systems, Inc., No. 2023-1428 (Fed. Cir. (D. Mass.) July 7, 2025)

Industry News

- Trump Administration Considers Value-Based Patent Fee Overhaul Amid Revenue Push
- Tech Firms Turn to Rare Legal Remedy to Challenge USPTO Patent Review Denials
- EPO Decision G 1/23 Expands What Counts as Prior Art in Europe
- Korea Enacts Tougher Penalties for Trademark and Design Infringement

Techno Spotlight

Chemicals & Material

- Reengineered rubisco- Speed boost to photosynthesis
- Korean scientists transform CO_2 into liquid gold
- Lightning To Make Ammonia out of Thin Air: Green energy
- Scientists Create the Impossible: New Compound Challenges Fundamental Principle of Chemistry
- Key M&A/Strategic Alliances

Life Sciences

- Next-Gen Obesity Drugs: Preserving Muscle, Enhancing Health
- Caris Assure® Sets New Standard in Blood-Based Cancer Detection
- Lung-on-a-Chip Breakthrough Enhances Respiratory Disease Research
- The Sleep Switch: How Mitochondria Signal the Brain to Rest

Hi-Tech

- Interactive Quantum Computing Experience Debuts with Local Tech Integration
- Rescued Particles Offer New Hope for Quantum Computing
- MIT's Robotic Probe Accelerates Semiconductor Discovery
- Curved Neural Networks Unlock Human-Like Memory Recall in AI

Consumer Goods

- Reckitt Announces Agreement to Divest Essential Home
- Ferrero to Acquire WK Kellogg Co
- Danone's newly acquired Kate Farms unveils new high-protein shake to meet needs of GLP-1 medication users
- Ozzi addresses nighttime hunger caused by stress-eating with a plant-based drink

Chemical Safety & Regulatory Affairs

- Pioneering a Humane Future: Science Beyond Animal Testing
- Novartis Breaks Ground with First-Ever Malaria Drug for Newborns
- Brain Drug Shows Promise in Reducing Alcohol Use in Animal Studies
- UK Probes Safety of Popular GLP-1 Weight-Loss Drugs
- Breakthrough Relief: FDA Approves First Oral On-Demand Treatment for HAE
- Behind the Wheel: Are Car Interiors Harming Drivers?
- Hidden Dangers: Toxins Lurking in "Eco-Friendly" Period Products
- Early Lead Exposure Linked to Faster Memory Decline in Children

Automobile, e-mobility, and Mechanical

- Huawei Patents EV Battery Promising 3,000 Km Range
- Robotaxi Expansion Accelerates: Tesla Emerges as Key Driver in U.S. Market, While Chinese Players Rapidly Cut Costs.
- Jungo gets patent for 'Adaptive Monitoring of a Vehicle Using a Camera.
- The Bugatti Tourbillion Doesn't Have Real Speakers. It Uses Something Much Cooler.

Standard Essential Patents

- US court rejects Roku's global FRAND pool rate bid (HEVC)
- EU Greenlights Collaborative SEP Licensing Framework for Automotive Sector with Safeguards
- Sisvel Slashes Wi-Fi 6 Patent Pool Rates for Enterprise Access Points to Boost Adoption
- InterDigital's Samsung license becomes company's largest—with over $1 billion value

Sensitivity: Public

04

LEGAL WATCH

Federal Circuit lacks jurisdiction over award that doesn't raise issue of patent law

Contributor: Subin Khullar

July' 25: In a significant jurisdictional ruling, the U.S. Court of Appeals for the Federal Circuit held that it lacked appellate jurisdiction over a district court's decision confirming an arbitration award in a patent-related royalty dispute. The case involved Acorda Therapeutics, developer of Ampyra®, a drug for multiple sclerosis, which had licensed a patent from Alkermes for the drug's active ingredient. Although the patent expired in July 2018, Acorda continued paying royalties until 2020 without formal objection.

In July 2020, Acorda initiated arbitration, arguing that post-expiration royalty payments were unenforceable and sought recovery under unjust enrichment. The arbitration tribunal agreed that royalties were not due after the patent expired but limited Acorda's recovery to payments made under formal written protest, citing state law principles. Acorda then filed suit in federal district court under the Federal Arbitration Act, seeking to confirm the award but modify it to recover over $65 million in unprotested payments.

The district court upheld the award, and Acorda appealed. However, the Federal Circuit declined to hear the case, ruling that it did not "necessarily raise" a substantial issue of patent law. Applying the well-pleaded complaint rule and referencing Supreme Court precedents (Christianson v. Colt Industries and Gunn v. Minton), the court emphasized that its jurisdiction is limited to cases where patent law creates the cause of action or is essential to resolving the dispute.

Since Acorda's claims could be resolved under state law without interpreting patent law, and because one of its two modification arguments did not involve patent law, the Federal Circuit concluded that patent law was not central to the case. As such, it lacked jurisdiction to review the district court's decision.

This ruling underscores the narrow scope of Federal Circuit jurisdiction and reinforces the principle that not all disputes involving patents fall within its purview—especially when the resolution hinges on contract or state law rather than substantive patent issues (Source).

LEGAL WATCH

05

USPTO Director Blocks Patent Challenges for “Settled Expectations” of “Older” Patents

Contributor: Mukesh Kumar

July’ 25: On June 27, 2025, the USPTO denied institution of Inter Partes Review (IPR) for two Applied Optoelectronics patents (U.S. Patents 9,523,826 B2 and 10,042,116 B2) challenged by Cambridge Industries. Acting Director Coke Morgan Stewart emphasized the age of the patents—nine and seven years—as the key reason for discretionary denial, citing “settled expectations” for the patent owner. Although the parties are also in district court litigation, the lack of a trial date reduced its influence. The Director rejected other arguments for denial, including over-reliance on expert testimony and § 325(d) claims. Notably, newer patents in related IPRs were not denied, highlighting a split approach based on patent age. The decision signals that older patents may receive stronger protection from IPR challenges due to marketplace reliance and legal stability (Source).

Update to the DOCX definition for filing with the European Patent Office

Contributor: Rani Holani

July’ 25: The EPO has updated its DOCX filing definition for the Online Filing 2.0 pilot project, effective from 1 October 2025. Previously, all application elements—including drawings—had to be submitted in a single DOCX file. Following user feedback, applicants may now submit drawings separately in PDF format, provided they comply with PCT Annex F standards. These PDFs can be in black and white, colour, or greyscale. Alternatively, drawings may still be included in the DOCX file, with colour and greyscale options also permitted from October. This change enhances flexibility and aligns with evolving digital filing practices. The updated DOCX definition applies to all applications filed under the pilot project from 1 October 2025 onward. The decision reflects the EPO’s commitment to modernizing its online services and improving user experience through MyEPO (Source).

Patent Case Summary: Egenera, Inc. v. Cisco Systems, Inc., No. 2023-1428 (Fed. Cir. (D. Mass.) July 7, 2025)

Contributor: Christy Titus George

July’ 25: Egenera sued Cisco for infringing its patent on virtual server management systems. The district court granted summary judgment of noninfringement for claims 1 and 5, and a jury found noninfringement for claims 3 and 7. Egenera appealed. The Federal Circuit affirmed the summary judgment, ruling that Cisco’s processors did not “emulate” Ethernet functionality as required by the claims—only the network interface cards (NICs) did. The court noted the issue might have involved claim construction of “emulate,” but Egenera had not raised it. The jury’s general verdict of noninfringement was also upheld, as Cisco presented multiple valid noninfringement theories, including that its processors did not establish the required virtual network topology. Egenera’s five arguments for a new trial—including alleged jury instruction errors and improper closing statements—were rejected. The Federal Circuit found no abuse of discretion, affirming the district court’s rulings and reinforcing the importance of precise claim interpretation and trial strategy (Source).

06

INDUSTRY NEWS

Trump Administration Considers Value-Based Patent Fee Overhaul Amid Revenue Push

Contributor: Christy Titus George

July' 25: The Trump administration is considering a sweeping change to the U.S. patent system that would introduce an annual fee based on a patent's estimated value. According to The Wall Street Journal, the Commerce Department is discussing a model that charges patent holders 1% to 5% of their patent's value, aiming to raise billions in government revenue. The proposed shift would replace or supplement the current flat maintenance fees, which top out at $8,280 over 11.5 years for utility patents. Draft models are reportedly in development, though few details have been released. If implemented, the change could affect patent-heavy companies, particularly in tech, where thousands of patents are filed annually, often for defensive purposes. Critics across legal and academic communities have raised concerns, pointing to valuation challenges, potential innovation deterrents, and increased compliance burdens. The plan would likely require congressional approval, as the U.S. Patent and Trademark Office (USPTO)—a self-funded agency—can currently only charge fees to cover operational costs. The USPTO has not commented. Observers also noted ongoing operational strain at the agency, including halted hiring plans and leadership changes earlier this year. Discussions remain preliminary (Source 1, Source 2).

07

INDUSTRY NEWS

Tech Firms Turn to Rare Legal Remedy to Challenge USPTO Patent Review Denials

Contributor: Dinesh Sharma

July’ 25: SAP America and Motorola Solutions have filed writs of mandamus at the U.S. Court of Appeals for the Federal Circuit, seeking to overturn recent discretionary denials by the U.S. Patent and Trademark Office (PTO). The companies argue the PTO’s new process—applied retroactively—violates due process and the Administrative Procedure Act. Under interim guidance from acting Director Coke Morgan Stewart, the PTO now uses discretionary factors to pre-screen inter partes review (IPR) petitions before sending them to trial. Since May, 59 petitions have been denied and 38 allowed to proceed. Tech companies say the revised process creates legal uncertainty and financial risk, especially when IPR filings can exceed $100,000. Legal experts expect more mandamus filings—which are emergency appeals used when no standard route is available—as the Federal Circuit is urged to clarify the limits of PTO discretion in denying early-stage IPR proceedings. The PTO has not yet commented on the pending cases (Source).

EPO Decision G 1/23 Expands What Counts as Prior Art in Europe

Contributor: Anuj Raj

July’ 25: On July 2, 2025, the Enlarged Board of Appeal of the European Patent Office (EPO) issued decision G 1/23, holding that publicly available products count as prior art—even if their internal composition can't be reverse-engineered or reproduced. This marks a significant shift, aligning Europe more closely with the U.S. “on-sale bar” doctrine. However, key differences remain: unlike the U.S., Europe excludes confidential sales from prior art and offers only limited grace periods. The decision confirms that public disclosures—such as datasheets and marketing materials—can be used to assess novelty and inventive step. This broadens what can invalidate a patent and raises new challenges for patent applicants, particularly in fields involving complex or proprietary technologies (Source).

Korea Enacts Tougher Penalties for Trademark and Design Infringement

Contributor: Atul Kumar Pal

July’ 25: Starting July 22, 2025, South Korea will enforce amended laws allowing damages up to five times the actual harm for intentional trademark and design infringements. The changes expand a punitive damages system previously applied only to patent and trade secret cases. The Korean Intellectual Property Office (KIPO) cited rising online counterfeiting cases and a profit-driven infringement culture as drivers for reform. Korea and China now offer the highest statutory damages for such IP violations, while the U.S. caps them at triple for patents and double for trade secrets. KIPO expects stronger enforcement and compensation, but emphasized the importance of proving intent. Institutional improvements, such as data submission orders, are also under consideration (Source).

R&D and Innovation

08

TECHNO-SPOTLIGHT

Reengineered rubisco- Speed boost to photosynthesis

Contributor: Rachna Gupta

July' 25: MIT scientists have reengineered rubisco, the enzyme that jumpstarts photosynthesis but has long frustrated scientists with its sluggish performance.

During photosynthesis, an enzyme called rubisco catalyzes a key reaction — the incorporation of carbon dioxide into organic compounds to create sugars.

MIT chemists have now shown that they can greatly enhance a version of rubisco found in bacteria from a low-oxygen environment. Using a process known as directed evolution, they identified mutations that could boost rubisco's catalytic efficiency by up to 25 percent. This lab-evolved rubisco resists oxygen interference and could pave the way for faster-growing crops, more efficient plants, and a potential leap in agricultural productivity worldwide. (Source).

Lightning To Make Ammonia out of Thin Air: Green energy

Contributor: Rachna Gupta

July' 25: Lightning-inspired process creates ammonia from air. The approach may support future green energy solutions. Scientists have developed a lightning-inspired method to make ammonia cleaner and more efficiently. This breakthrough could reshape global ammonia production and help curb emissions. The team developed a simplified process to produce ammonia (NH_3) directly in its gaseous form. In contrast, earlier methods developed by other labs yielded ammonium (NH_4^+) in solution, which demands additional energy and conversion steps to obtain usable ammonia gas (Source)

Korean Scientists Transform CO_2 Into Liquid Gold

Contributor: Rachna Gupta

July' 25: Researchers at Gwangju Institute of Science and Technology (GIST), South Korea, develop a novel electrochemical method for converting CO2 to allyl alcohols through a unique catalytic pathway, achieving a new global benchmark in CO2 conversion efficiency. Their new approach to CO2-to-alcohol conversion sets a global performance record by combining exceptional efficiency with large-scale production capability. As allyl alcohol is used as an essential raw material across various industries as plastics, adhesives, sterilizers, and fragrances, this technology could be a game-changer for its mass production (Source).

Scientists Create the Impossible: New Compound Challenges Fundamental Principle of Chemistry

Contributor: Rachna Gupta

July' 25: Scientists have created a stable 20-electron ferrocene, defying a core principle of organometallic chemistry. This rare compound could revolutionize redox chemistry and molecular design. Once thought unlikely, this new finding in coordination chemistry could lead to promising advances in catalysis and materials science (Source).

Key M&A/Strategic Alliances

Contributor: Rachna Gupta

July' 25:

- **Veolia** Acquires Specialty Chemical Producer **Chameleon Industries** (Source)
- **BASF** Completes Acquisition of **DOMO Chemicals'** Shares in Alsachimie JV (Source)
- **Waters** to acquire **BD flow cytometry** business in a deal valued at $17.5 billion (Source)
- The pharmaceutical giant **Merck & Co**. Will acquire **Verona Pharma** for about $10 billion (Source)

Sensitivity: Public

Next-Gen Obesity Drugs: Preserving Muscle, Enhancing Health

Contributor: Rani Holani

July' 25: Hawkhill Therapeutics, a spin-out from Tay Therapeutics at the University of Dundee, is developing oral obesity drugs that preserve muscle mass—addressing a key drawback of popular GLP-1 therapies. While GLP-1 drugs aid weight loss, they often cause muscle loss, impacting long-term health. Hawkhill's approach targets a validated mechanism to deliver safer, muscle-sparing solutions that support healthier aging and improved quality of life (Source).

Lung-on-a-Chip Breakthrough Enhances Respiratory Disease Research

Contributor: Aparajita Basu

July' 25: Kyoto University researchers have developed a micro physiological system (MPS) that mimics both airway and alveolar lung regions using patient-derived iPSCs. This lung-on-a-chip enables precise modeling of respiratory infections like COVID-19, offering insights into region-specific responses and drug effectiveness. The platform supports personalized medicine and could revolutionize pandemic preparedness, organ interaction studies, and treatment of conditions linked to mitochondrial disorders (Source).

Caris Assure® Sets New Standard in Blood-Based Cancer Detection

Contributor: Manash Pratim Barkataki

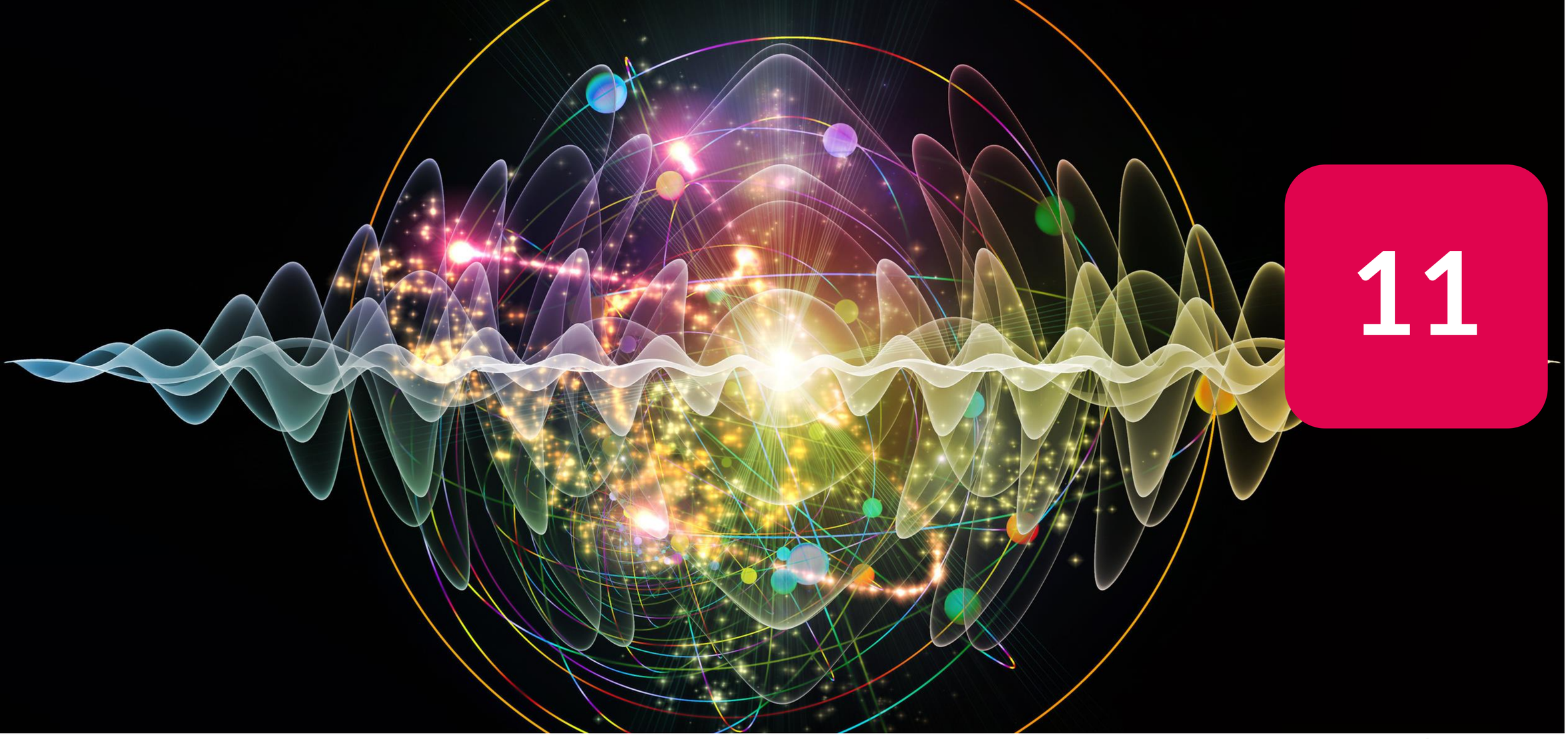
July' 25: Caris Life Sciences has unveiled a landmark study validating its Caris Assure® blood-based assay, the first AI-enabled test offering diagnostic, prognostic, and predictive insights in one platform. Published in Scientific Reports, the study highlights Caris Assure's accuracy in early cancer detection, minimal residual disease (MRD) monitoring, and therapy selection. Using Whole Exome and Transcriptome Sequencing combined with advanced AI, the assay analyzes over 23,000 genes from plasma and white blood cells. With high sensitivity and specificity across cancer stages, Caris Assure® sets a new standard in precision oncology, potentially transforming cancer care from diagnosis to treatment (Source).

The Sleep Switch: How Mitochondria Signal the Brain to Rest

Contributor: Manash Pratim Barkataki

July' 25: A groundbreaking study from the University of Oxford reveals that sleep may be triggered by stress within brain cell mitochondria. These energy-producing structures leak electrons when overcharged, creating reactive molecules that can damage cells. Specialized neurons detect this stress and act like circuit breakers, initiating sleep to prevent further harm. Conducted in fruit flies, the research shows that manipulating mitochondrial energy flow directly affects sleep duration. This discovery links sleep to energy metabolism and may explain fatigue in mitochondrial disorders, offering new insights into aging, brain health, and why we need sleep (Source).

Sensitivity: Public



Interactive Quantum Computing Experience Debuts with Local Tech Integration

Contributor: Mukesh Kumar

July' 25: A groundbreaking quantum computing exhibit has launched at Expo 2025, showcasing Japan's first fully domestic quantum computer developed at the University of Osaka. Visitors can operate the system using iPads connected via open-source software OQTOPUS, visualizing quantum signal flow in real time.Led by QIQB and supported by industry partners, the exhibit features a gamified Quantum Online App for learning quantum theory, multiplayer quantum games, and live entanglement demos. On August 15, attendees can create quantum entanglement via smartphones. Quantum art installations by Tama Art University further enrich the experience (Source).

MIT's Robotic Probe Accelerates Semiconductor Discovery

Contributor: Atul Kumar Pal

July' 25: MIT researchers have developed a fully autonomous robotic system that rapidly measures photoconductance—how materials respond to light—crucial for evaluating new semiconductors. This innovation addresses a major bottleneck in solar panel and electronics development, where manual testing slows progress. The robot uses machine learning infused with expert materials science knowledge to id entify optimal probe contact points and plan efficient movement paths. By automating this process, the system accelerates the discovery of high-performance materials, potentially leading to more powerful and energy-efficient solar technologies (Source).

Rescued Particles Offer New Hope for Quantum Computing

Contributor: Mukesh Kumar

July' 25: USC mathematicians and physicists have introduced a breakthrough in topological quantum computing by identifying a previously discarded particle—dubbed the "neglecton." Traditional Ising anyons, while promising, fall short of enabling universal quantum computation. By leveraging non-semisimple topological quantum field theories, the team retained components typically ignored in standard models, revealing that a single stationary neglecton allows full computation via braiding. This approach could dramatically improve quantum system stability and scalability. The research, published in Nature Communications, opens new theoretical and experimental pathways toward realizing practical quantum computers using particles already under investigation (Source).

Curved Neural Networks Unlock Human-Like Memory Recall in AI

Contributor: Atul Kumar Pal

July' 25: A new international study introduces Curved Neural Networks, a groundbreaking AI architecture inspired by geometric design. Unlike traditional models with linear connections, these networks bend the computational space to simulate human-like memory recall. The result is explosive memory access, self-tuning intelligence, and fewer errors—all emerging naturally from the model's curved geometry. This approach enables richer, multi-way interactions similar to the human brain, without increasing computational load. The discovery opens new possibilities in brain-inspired computing, robotics, and neuroscience, offering a more transparent and adaptive alternative to today's black-box AI systems (Source).

Sensitivity: Public

Reckitt Announces Agreement to Divest Essential Home

Contributor: Simmi Kapoor

July' 25: Reckitt Benckiser Group plc entered into an agreement with Advent International L.P., a global private equity investor, to divest its Essential Home business, for an enterprise value of up to US$4.8 billion and retain a 30% equity stake in Essential Home. In July 2024 Reckitt set out its strategy to reshape into a more efficient, world-class consumer health and hygiene company, focused on a portfolio of 11 high-growth, high-margin Powerbrands. The Transaction is a key part of this strategy and represents a significant step forward in reshaping Reckitt (Source).

Ferrero to Acquire WK Kellogg Co

Contributor: Simmi Kapoor

July' 25: The Ferrero Group entered into a definitive agreement to acquire WK Kellogg Co, for a total enterprise value of $3.1 billion. The acquisition, which includes the manufacturing, marketing and distribution of WK Kellogg Co's iconic portfolio of breakfast cereals across the United States, Canada and the Caribbean, is part of Ferrero's plan for strategic growth and expands the Company's reach across more consumption occasions with renowned beloved brands and strong consumer relevance. Ferrero plans to invest in and grow WK Kellogg Co's iconic brands including Kellogg's Frosted Flakes®, Kellogg's Froot Loops®, Kellogg's Frosted Mini Wheats®, Kellogg's Special K®, Kellogg's Rice Krispies®, Kashi®, Bear Naked®, and more (Source).

Danone's newly acquired Kate Farms unveils new high-protein shake to meet needs of GLP-1 medication users

Contributor: Akshyansh Kumar

July' 25: Kate Farms launched a new high-protein shake specifically designed to support individuals using GLP-1 medications like Ozempic for weight management. These medications often suppress appetite, making it challenging for users to meet nutritional needs. The shake contains 330 calories, 22 grams of organic pea protein, and essential vitamins and minerals to help maintain muscle mass and energy levels. It's plant-based, gluten-free, and free from common allergens, aligning with Kate Farms' commitment to clean nutrition. This product aims to fill a growing gap in nutritional support for the increasing number of GLP-1 users (Source).

Ozzi addresses nighttime hunger caused by stress-eating with a plant-based drink

Contributor: Akshyansh Kumar

July' 25: Ozzi, a new wellness brand, has launched a natural drink designed to help manage evening appetite as its flagship product. This non-prescription beverage serves as an alternative to GLP-1 medications, targeting stress-related snacking for adults after work. The formula combines 500 mg of konjac root, 8 g of allulose, African mango extract, Chromax, and BIOMEnd, and is intended for consumption around 8 pm, making it caffeine-free to avoid disrupting sleep. Founded by Brandon Kuipers, who sought a reliable solution for his own evening stress-eating, Ozzi aims to support busy professionals in building healthy habits without relying on stimulants or prescription medications (Source).

Pioneering a Humane Future: Science Beyond Animal Testing

Contributor: Latika Sharma

July' 2025: At a joint workshop on July 7, 2025, the U.S. Food and Drug Administration (FDA) and the National Institute of Health (NIH) announced unified efforts to reduce animal testing in drug development. FDA Commissioner Marty Makary highlighted the inefficiency of animal models and promoted new approach methodologies (NAMs) like AI, organoids, and organ-on-chip systems. The FDA is easing requirements for certain preclinical tests, while the NIH will no longer fund projects relying solely on animal data. Both agencies are updating frameworks to support more predictive, human-relevant alternatives (Source).

Novartis Breaks Ground with First-Ever Malaria Drug for Newborns

Contributor: Sakshi Kumari

July' 2025: Novartis' Coartem® Baby, the first approved malaria drug for infants under 5 kg, has received Swissmedic approval. Developed in collaboration with Medicines for Malaria Venture (MMV), the formulation dissolves in breast milk, making it safe and suitable for newborns. This innovation fills a critical treatment gap and is expected to gain rapid approval in eight African countries through a global health initiative (Source).

Brain Drug Shows Promise in Reducing Alcohol Use in Animal Studies

Contributor: Pooja Meher

July' 2025: The U.S. FDA introduced key regulatory updates across July' 2025: Researchers at Virginia Commonwealth University (VCU) discovered that Tideglusib, a drug under investigation for brain disorders, significantly reduced chronic and binge drinking in mice without major side effects. The drug targets the GSK3β protein, which is associated with addiction. Tideglusib in the animal study showed promise for treating alcohol use disorder, thus paving way for future clinical trials (Source).

UK Probes Safety of Popular GLP-1 Weight-Loss Drugs

Contributor: Ankit Negi

July' 2025: The UK's Medicines and Healthcare products Regulatory Agency (MHRA) is investigating serious side effects, including acute pancreatitis, linked to GLP-1 weight-loss drugs such as Ozempic. The review follows nearly 400 reports and ten related deaths. Pharmaceutical companies emphasize the importance of medical supervision and ongoing safety monitoring. Genetic screening is being considered as a potential tool to reduce risk. Similar safety concerns have been raised in the U.S., with a case study linking Semaglutide therapy to pancreatitis (Source).

Sensitivity: Public

Breakthrough Relief: FDA Approves First Oral On-Demand Treatment for HAE

Contributor: Jiju Narayanan

July’ 2025: The U.S. FDA has approved EKTERLY (sebetralstat), the first and only oral on-demand treatment for acute attacks of hereditary angioedema (HAE) in patients aged 12 and older. As a plasma kallikrein inhibitor, EKTERLY offers a convenient, prescription-based option for managing sudden HAE episodes, marking a significant advancement in patient care (Source).

Behind the Wheel: Are Car Interiors Harming Drivers?

Contributor: Anubhav Chauhan and Pooja Meher

July’ 2025: The Indian Council of Medical Research (ICMR) has launched an 18-month study to assess health risks from flame-retardant chemicals—T(Tris(2-chloroethyl) phosphate) [TCEP], (Tris(1-chloro-2-propyl) phosphate) [TCIPP], and (Tris(1,3-dichloro-2-propyl) phosphate) [TDCIPP]—used in car interiors. With TCEP identified as a carcinogen, the study will involve 360 professional drivers to evaluate exposure levels. Funded with a budget of ₹85.3 lakh, the research is pending regulatory approval after concerns raised by the National Green Tribunal (Source).

Hidden Dangers: Toxins Lurking in “Eco-Friendly” Period Products

Contributor: Mayank Kakkar

July' 2025: A joint study by Indiana University and the University of Notre Dame reveals that nearly 30% of 59 reusable menstrual products—like period underwear and menstrual cups—contain PFAS, harmful chemicals linked to serious health risks. Marketed as eco-friendly, these products may pose hidden dangers. The research highlights the urgent need for stricter regulations and better transparency, encouraging consumers to opt for PFAS-free feminine hygiene options (Source).

Early Lead Exposure Linked to Faster Memory Decline in Children

Contributor: Megha Walia

July’ 2025: A recent study reveals that lead exposure during pregnancy and early childhood significantly accelerates memory decline in children, impacting learning and development. Using the delayed matching-to-sample task, researchers found that children aged 4–6 with higher lead levels exhibited faster forgetting rates. The findings highlight the urgent need for stronger lead prevention measures and policy action to safeguard children's cognitive health (Source).

Huawei Patents EV Battery Promising 3,000 Km Range

Contributor: Nitesh Kumar

July’ 2025: Huawei claims to have developed a solid-state EV battery with a 3,000 km range and five-minute full recharge time. Using nitrogen-doped sulphide electrolyte, it achieves 400–500 Wh/kg energy density. Challenges include stabilizing the lithium interface, reducing side reactions, high production costs, and insufficient ultra-fast charging infrastructure (Source).

Robotaxi Expansion Accelerates: Tesla Emerges as Key Driver in U.S. Market, While Chinese Players Rapidly Cut Costs

Contributor: Nitesh Kumar

July 2025: Tesla is testing Robotaxis in Texas and plans to expand to the San Francisco Bay Area, pending regulatory approval. The U.S. Robotaxi market, led by Tesla and Waymo, is projected to reach $36.5 billion by 2035. China’s market, driven by Baidu, Pony.ai, and WeRide, is expected to hit $44.5 billion. Key challenges include regulatory hurdles, technology complexity, and social concerns (Source).

Jungo gets patent for ‘Adaptive Monitoring of a Vehicle Using a Camera

Contributor: Sachin Patel

July’ 2025: Jungo (TASE: JNGO), specializing in video telematics and driver monitoring, received patent 12,330,563 for “Adaptive Monitoring of a Vehicle Using a Camera.” With over 40 patents, Jungo’s VuDrive platform enhances road safety through advanced features like distraction detection and drowsiness alerts, benefiting fleet operators, insurers, and drivers (Source).

The Bugatti Tourbillon Doesn't Have Real Speakers. It Uses Something Much Cooler

Contributor: Sachin Patel

July’ 2025: The Bugatti Tourbillon features innovative elements like a rotating steering wheel, titanium gauge cluster, 3D-printed suspension, and a unique sound system using piezoelectric elements that vibrate the carbon-fiber chassis. CEO Mate Rimac highlights the weight, space, and sound quality improvements. Top Gear visited Rimac’s Croatian headquarters to explore these advancements (Source).

Sensitivity: Public

US court rejects Roku's global FRAND pool rate bid (HEVC)

Contributor: Jitendra Shreemukh

July' 25: the U.S. District Court for the District of Massachusetts dismissed Roku Inc.'s lawsuit against Access Advance LLC, Dolby Laboratories, and Sun Patent Trust, in which Roku sought a judicial determination of global FRAND royalty rates for the HEVC Advance Patent Pool. Judge Richard G. Stearns ruled the court lacked jurisdiction to set such global rates, as U.S. patents comprise only a small portion of the worldwide portfolio, and any ruling would be an impermissible advisory opinion. The decision, welcomed by Access Advance, reinforces that U.S. courts will not impose global licensing terms for multinational patent pools without party agreement, highlighting the territorial nature of patent rights and avoiding potential conflicts with proceedings before the European Unified Patent Court (Source).

Sisvel Slashes Wi-Fi 6 Patent Pool Rates for Enterprise Access Points to Boost Adoption

Contributor: Jitendra Shreemukh

July' 25: Sisvel has significantly reduced the royalty rates for its Wi-Fi 6 patent pool targeting enterprise access points—dropping the "compliant" rate from $3 to $1 and the "standard" rate from $3.60 to $1.20—as part of a comprehensive consultation process involving market stakeholders and the eight contributing patent owners, aiming to accelerate adoption of the technology. Rates for other Wi-Fi 6 products remain unchanged at $0.50 (compliant) and $0.60 (standard) (Source).

EU Greenlights Collaborative SEP Licensing Framework for Automotive Sector with Safeguards

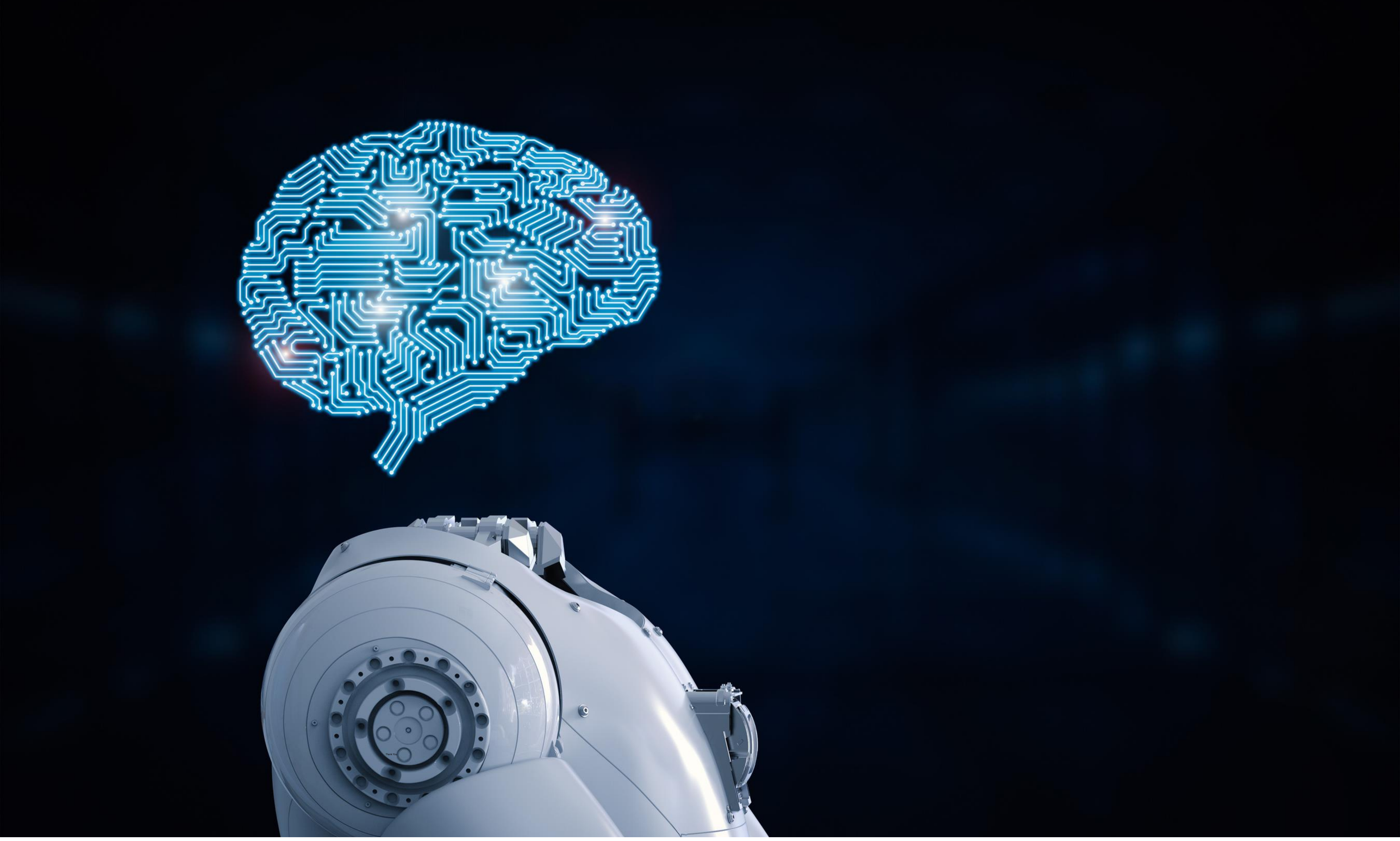
Contributor: Jitendra Shreemukh

July' 25: The European Commission has issued an informal guidance letter approving, under certain conditions, the formation of the Automotive Licensing Negotiation Group (ALNG) to collectively negotiate licences for standard essential patents (SEPs) in the automotive sector. The guidance confirms that ALNG does not breach EU antitrust rules (Article 101 TFEU) if it meets specific safeguards: it only covers standards not exclusive to automotive, with members' combined market share capped at 15% of demand for the relevant SEPs; it remains open to all interested carmakers and component suppliers; SEP holders' participation is voluntary; and information sharing is strictly limited to what is necessary for negotiations, excluding commercially sensitive data (Source).

InterDigital's Samsung license becomes company's largest—with over $1 billion value

Contributor: Jitendra Shreemukh

July' 25: InterDigital announced that its Q2 licensing agreement with Samsung is the largest in its history—exceeding $1 billion in total contract value, marking a dramatic uptick in SEP licensing revenue. The deal underscores major OEMs' continued reliance on SEPs, especially for emerging technologies like 5G, and highlights the commercial significance of well-structured, scalable licensing strategies in the telecom industry (Source).



Cover Photo: Code Meets Law – A New Framework Emerging

Evalueserve is a global professional services provider offering research, analytics and consulting services across a wide range of industries and business functions.

We leverage our service design approach to understand your business requirements and to create a customized solution that meets your strategic objectives.

We support our clients in achieving maximum impact by integrating data analytics and research-driven insights into our delivery, innovation and automation solutions.

Contact Us

iprd.evalueserve.com

OUR SPARK TEAM

18

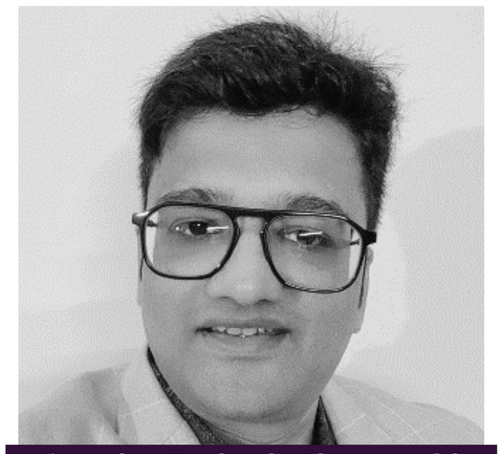
Christy T George
Founding Editor

Mukesh Kumar
Co-Editor

Akshyansh Kumar
Section Editor
(Consumer Goods)

Atul Kumar Pal
Section Editor
(Hi-tech)

Basharat Ahmad Sofi
Section Editor
(Chemical Safety & Regulatory Affairs)



Jitendra Prakash Shreemukh
Section Editor
(Standard Essential Patents)

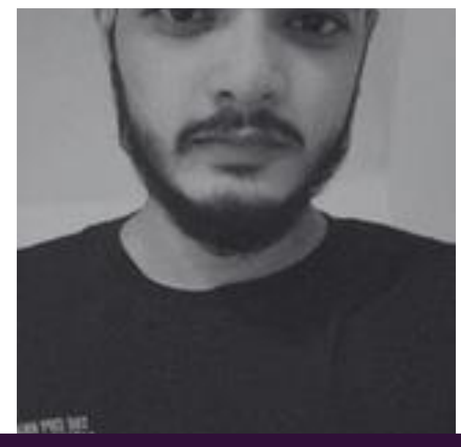
Nitesh Kumar
Section Editor
(Automobile, e-mobility & Mechanical)

Rachna Gupta
Section Editor
(Chemicals & Materials)

Aparajita Basu
Section Editor
(Life Sciences)

Subin Khullar
Section Editor
(Legal Watch & Industry News)

Hansprabha Mudgal
Section Researcher
(Chemical Safety & Regulatory Affairs)



Sachin Patel
Section Researcher
(Automobile, e-mobility & Mechanical

Simmi Kapoor
Section Researcher
(Consumer Goods)

HAVE YOU CHECKED OUR RECENT EDITIONS?

[July’ 2025]

[June’ 2025]

[May’ 2025]

[April’ 2025]

[March’ 2025]

Sensitivity: Public