

ANNEX A

Winners of the WIPO-IPOS IP For Innovation Awards 2024

In its 12th edition, the World Intellectual Property Organization-Intellectual Property Office of Singapore (WIPO-IPOS) IP For Innovation Awards celebrates Singapore enterprises that have achieved outstanding growth through the successful use of intellectual property (IP).

WIPO National Award For Enterprises (Overall Winner)

Awarded to the most outstanding recipient of the IPOS IP For Innovation award.

Nanofilm Technologies International Limited

Engineering and Manufacturing Sector – A leading provider of nanotechnology solutions

Listed on the Mainboard of Singapore Exchange Securities Trading Limited (“SGX-ST”) on 30 October 2020, Nanofilm Technologies International Limited (“Nanofilm”) is a leading provider of nanotechnology solutions, offering coating services, thin-film coating equipment, nanofabrication, and fuel cell solutions.

Established in 1999 as a spin-off from Nanyang Technological University (NTU) and headquartered in Singapore, Nanofilm specialises in advanced materials and nanoproducts. With over two decades of pioneering technologies, the company's actions are driven by its dedication to assisting customers in achieving their objectives and promoting sustainability.

Nanofilm continuously expands its IP portfolio with a commitment to spend more than 7% of annual group revenue on research and development and engineering expenses. The establishment of the NTI-NTU Corporate Laboratory in October 2023 and collaborations with key partners also underscore its commitment to innovation.

Nanofilm has a global footprint of more than 3,000 employees in Singapore, China, Japan, Vietnam and now Europe.



IPOS IP For Innovation Award Winners

Recognises IP Champions who have leveraged the effective use of IP to innovate, transform and grow their business. These IP Champions have emerged stronger with their IP and inspired others through their resilience and forward-looking approach.

1. Nanofilm Technologies International Limited

(Write-up as above)

2. Hegen Pte Ltd

Fast Moving Consumer Goods Sector – Motherhood and infant care industry

To enhance and create a positive breastfeeding journey for parents, Hegen was established in Singapore in 2015 to modernise a feeding system that advocates breastfeeding, protects breastmilk integrity, and simplifies how mothers express, store and feed. As a global brand designed by a mother for mothers, Hegen champions sustainability through innovative, practical and high-quality breastfeeding products that can be easily adapted to meet the evolving needs of a child, extending beyond a bottle.

Hegen's commitment goes beyond creating products. The Hegen Lactation Centre further crafts a holistic Hegen experience by offering antenatal education, lactation consultations, and training to guide mothers on their unique nursing journey.

Its multi-faceted approach to IP protection is a testament of their dedication to foster global brand credibility, attract overseas partners and enhance collaboration opportunities. Leveraging an extensive network, Hegen is currently available in 24 international markets, including China and the United States.

3. OTSAW Digital Pte Ltd

Robotics Sector – A global pioneer in advanced robotics technologies and next-generation artificial intelligence

Each year, countless businesses turn to OTSAW for innovative solutions. But for OTSAW, innovation is more than just progress — it is disruption.

Headquartered in Singapore, OTSAW's mission is to revolutionise the healthcare, security, and logistics sectors with its cutting-edge autonomous robotic systems and artificial intelligence technology. Founded in 2015, the global team operates beyond its headquarters to Boston and Munich. With over 1,000 robots deployed across more than 50 hospitals in 20 countries worldwide, the company is dedicated to advancing new technologies that expand the horizons of innovation, aiming to enhance safety, operational efficiencies, and overall quality of life. OTSAW continuously invests in research and development to innovate and improve existing products. By incorporating patented designs and technology, OTSAW develops distinctive



robotic solutions tailored to clients' requirements. In 2024, OTSAW unveiled the Camello+, the world's first multi-purpose robot, challenging the norm of single-purpose robots in the industry and solidifying its role as a leader in disruptive innovation.

4. Zero-Error Systems Pte Ltd

Electronics Sector – Specialises in semiconductor integrated circuit design ensuring power management and data integrity in all environments

Zero-Error Systems (ZES) specialises in high-reliability semiconductor solutions and intellectual properties for space and power management applications.

Founded in 2019 and based in Singapore, ZES has developed patented technologies for radiation-hardened semiconductor integrated circuits. These technologies enable low-cost, commercial-off-the-shelves semiconductor devices for space applications such as low Earth orbit satellites and deep space rovers and landers, ensuring power reliability and data integrity.

Their versatile solutions are also applicable to various power management needs on Earth, including 5G/6G, Internet of Things, servers, and automotive. This technology can be customised for different needs, enabling scalability for both space and terrestrial environments. The IP developed for space can also be reused for commercial applications, offering significantly lower costs while delivering better performance compared to incumbent solutions.

ZES envisions transforming into a globally recognised IP-strong product company in strategic domains such as space, automotive, and consumer electronics. To date, ZES has 7 overseas distributors located in US, India, Japan, Korea, Taiwan, and European region.



WIPO National Award for WIPO Users

Awarded to an early adopter who has innovatively used WIPO's IP services, such as PCT, Madrid and Hague.

Smith & Nephew Asia Pacific Pte Ltd

Smith+Nephew is a portfolio medical technology business focused on the repair, regeneration and replacement of soft and hard tissue. Their purpose, called “Life Unlimited”, is to restore people’s bodies and their self-belief by using technology to enhance lives. Their 18,000 employees deliver this mission every day, making a difference to patients’ lives through the invention and application of new technologies across their three global business units of Orthopaedics, Sports Medicine & ENT and Advanced Wound Management.

Innovation is central to Smith+Nephew’s ability to serve their customers. In 2023, the company launched 20 new products, with nearly half of their revenue growth coming from products launched in the last five years. Key growth platforms include the robotics-enabled CORI Surgical System, EVOS trauma plating platform, and REGENETEN Bioinductive Implant.

Founded in Hull, UK, in 1856, the business now operates in over 100 countries, generating annual sales of \$5.5 billion in 2023. Smith+Nephew is a constituent of the FTSE100 (LSE:SN, NYSE:SNN).

