



IP INC.:

BRINGING VALUE TO ENTERPRISES OF THE FUTURE



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IPOS CHAIRMAN & CE'S 2019/2020 ANNUAL REPORT MESSAGE

Dr Stanley LAI
Chairman



Mr Daren TANG
Chief Executive

The combined scourge of COVID-19 and protectionism has dealt a mighty blow to global trade and the economy, the likes of which have not been seen since the Great Depression in the 1930s.

As a global trading and financial hub, Singapore has been affected in unprecedented ways as traditional growth engines like aviation and tourism have slowed down to a trickle. The knock-on effect on other sectors and services has led to Singapore entering its worst recession since independence, affecting many jobs and lives.

COVID-19 continues to batter the world and shutter many businesses. Yet, others have taken the opportunity to radically transform their businesses as they pivot to the digital space and new sectors amid the pandemic.

Underpinning these radical changes are a slew of innovations that have hit the market in double quick time, making the task of optimising and protecting Intellectual Property (IP) even more urgent as companies race to survive and seize upon any competitive advantage, against a background of cost management and prudence.

As the Singapore government shifted into high gear to tackle the economic challenges, IPOS was also hard at work.



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IPOS CHAIRMAN & CE'S 2019/2020 ANNUAL REPORT MESSAGE

FROM FIRM FOUNDATIONS TO NEW FRONTIERS

Many of the initiatives we introduced in the last Financial Year (FY) had their roots in the work that IPOS has done over the past eight years.

IPOS has strengthened Singapore's IP regime through several legislative reviews and updates, including for registered designs, IP dispute resolution and copyright.

We have also evolved from being a strong Registry to becoming a key innovation agency in building Singapore's future economy. In 2016 – 2017, IPOS contributed to the work of the Committee on the Future Economy (CFE), and subsequently updated the IP Hub Master Plan to help Singapore achieve better economic outcomes in a future economy increasingly powered by intangible assets (IA).

As an innovation agency, IPOS has stepped up efforts to help enterprises and innovators use their IP for growth and build Singapore as a hub for IP commercialisation.

These cumulative efforts (see sidebar) positioned Singapore as an international hub for the flow of IA and IP and enabled us to support enterprises better in the pandemic.

CONTENTS NAVIGATION

TOP 10 INITIATIVES IN THE LAST EIGHT YEARS



- 1.** **2013:** Launched the IP Hub Master Plan to develop Singapore as a Global IP Hub in Asia.
- 2.** **2014:** Launched a S\$100 million Intellectual Property Financing Scheme to help local businesses use their granted patents as collateral for bank loans.
- 3.** **2014:** IPOS was officially appointed as ASEAN's first International Searching Authority (ISA) / International Preliminary Examining Authority (IPEA) under the Patent Cooperation Treaty.
- 4.** **2017:** Updated the IP Hub Master Plan, in light of the recommendations of the Committee on the Future Economy, to help Singapore achieve better outcomes in the future innovation economy.
- 5.** **2019:** Enhanced the IP Mediation Promotion Scheme by increasing funding from S\$5,500 to either S\$10,000 or S\$12,000 for each mediation case. The enhanced scheme allows parties to claim for mediation-related agent fees.
- 6.** **2019:** Established a new registry for Geographical Indications applications from anywhere in the world.
- 7.** **2019:** Launched IPOS Go, the first app globally that allows innovators to apply for trademarks via a mobile device in less than 10 minutes.
- 8.** **2019:** Introduced the first national-level Skills Framework for the IP sector, to raise overall competencies of IP professionals and guide career pathways in the IP sector.
- 9.** **2019:** Launched IPOS International, bringing together more than 100 experts to help advise businesses in areas such as IP strategy and management and patent search and analysis.
- 10.** **2020:** Partnered with SGX to help companies identify and communicate the value of IA information to stakeholders.

IPOS CHAIRMAN & CE'S 2019/2020 ANNUAL REPORT MESSAGE

EXPEDITIOUS AND QUALITY IP AMIDST COVID

COVID-19 has put the spotlight on speed and digitalisation in IP registration and management, without compromise to quality.

In the last FY, we launched and enhanced the world's fastest patent application to grant programme which accelerates patent application grants to just six months.

From expediting grants for AI-related patent applications, expanding this to all technology fields, and then reaching beyond patents to accelerate registration for trademarks and registered designs, IPOS is continuously innovating to give enterprises a business edge, especially in the current perilous times, where time is of the essence and there is a flight to quality.

Just as businesses have had to pivot to the digital realm, IPOS brought the convenience of IP registration to a mobile app. Launched in August 2019, IPOS Go is the world's first mobile trademark registration app.

With the mobile app powered by AI technology, businesses can do a quick search for similar trademarks that are already registered. An enhanced feature to search similar business names, domain names and social media account names will be launched in the next few months. The app's renewal features will also eventually extend to patents and registered designs.



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CONTENTS NAVIGATION

IPOS CHAIRMAN & CE'S 2019/2020 ANNUAL REPORT MESSAGE

SCALING UP IP CAPABILITIES

IPOS has also been helping enterprises to scale up their manpower to leverage IP.

At IP Week 2019, we launched the world's first national-level framework to develop and train IP talent to support the demand for skilled IP manpower. In early 2020, IPOS and SGX also launched a pilot programme to help companies identify and communicate the value of IA information to stakeholders.

As IPOS continues to support enterprise growth through IP/IA education and management, we are glad that many companies have benefitted from our initiatives and some have even capitalised on new business opportunities using IP during the pandemic.



IP THROUGH SINGAPORE AND TO THE WORLD

As a hedge against protectionism, IPOS has been active on the international front, opening new avenues of bilateral cooperation to promote business as well as playing a role in the global IP system.

The ASEAN Patent Examination Cooperation (ASPEC) Acceleration for Industry 4.0 Infrastructure and Manufacturing (ASPEC AIM) is a major initiative with nine participating ASEAN IP Offices that prioritises patent applications in emerging technologies such as FinTech, cybersecurity and robotics.

We also launched the Patent Cooperation Treaty (PCT)-ASPEC which allows patent applicants to use PCT reports from an ASEAN International Searching Authority (ISA) / International Preliminary Examining Authority (IPEA)¹ to accelerate their patent applications in another ASEAN country.

Singapore agreed to work with China, Japan, Kazakhstan, Laos and Russia to expand IP cooperation in education and training, knowledge exchange and patent search and examination services.

We also marked a significant milestone in Singapore's history when IPOS' CE Daren Tang was elected Director General of the World Intellectual Property Organisation (WIPO). This is the first time a Singaporean will be helming a United Nations agency. The IP ecosystem has been greatly encouraged by this historic achievement.

In his acceptance speech, Daren shared his vision for a more inclusive, balanced and forward-looking IP ecosystem that will benefit all nations. IPOS shares this vision.

1. Currently Singapore's and Philippine's IP Offices

IPOS CHAIRMAN & CE'S 2019/2020 ANNUAL REPORT MESSAGE

CONCLUSION

We would like to thank all our stakeholders and partners for journeying with us and helping us to make IP / IA an integral part of business and society.

We are also happy to share that Singapore has retained its top spot as Asia's most innovative nation in the recently released 2020 Global Innovation Index by the World Intellectual Property Organisation, Cornell University and INSEAD. This is an affirmation of all the hard work contributed by all IPOS staff, working in close co-operation with our fellow government agencies, partners and stakeholders. It also gives the larger IP ecosystem a real confidence boost. Knowing that Singapore still retains its pride of place in the world of innovation, we are well placed to mount a strong, post-pandemic recovery.

In the meantime, IPOS will continue to innovate to help businesses weather the current storm, build IP capabilities and expand their global footprint.

IPOS is pleased to welcome Mrs Rena Lee as its new Chief Executive (effective 1 August 2020). As a new chapter opens in IPOS, we look forward to her leadership of the agency and making her unique mark on the organisation.

IPOS WELCOMES RENA LEE AS ITS NEW CHIEF EXECUTIVE



Mrs Rena Lee was appointed Chief Executive of IPOS on 1 August 2020. She succeeds Daren Tang, who left IPOS to take up the appointment of Director General of the World Intellectual Property Organisation (WIPO).

Rena began her career in the public service with the Ministry of Defence in 1992 and was called to the Singapore Bar in 1993. She later joined the Attorney-General's Chambers in 2008 and has specialised in the practice of international law.

Rena was most recently Minister-Counsellor at the Hague Diplomatic Office of Singapore. She is Singapore's Ambassador for Oceans and Law of the Sea Issues and the Special Envoy of the Minister for Foreign Affairs. In this capacity, she is serving as the President of the Intergovernmental Conference on an international legally binding instrument under the United Nations Convention on the Law of the Sea on the conservation and sustainable use of marine biological diversity of areas beyond national jurisdiction (BBNJ IGC). Rena is also a member of the Legal and Technical Commission of the International Seabed Authority (ISA).

BOARD OF DIRECTORS

1 July 2020



DR STANLEY LAI

Chairman

Partner, Head of IP and
Technology Department
ALLEN & GLEDHILL LLP

MR ALI IJAZ AHMAD

Co-Founder and CEO
MAKARA CAPITAL

MR DOUGLAS FOO

Founder and Chairman
SAKAE HOLDINGS LTD

MR CALVIN PHUA

Deputy Secretary
MINISTRY OF LAW

DR LIM KUO-YI

Managing Director
MONK'S HILL VENTURES PTE LTD

MS NEO GIM HUAY

Managing Director, Sustainability
TEMASEK INTERNATIONAL PTE LTD

MR SURESH SACHI

Deputy Chief Executive &
General Counsel
AGENCY FOR SCIENCE,
TECHNOLOGY AND RESEARCH
(A*STAR)

MR SIM FENG-JI

Divisional Director,
Income Security Policy Division
MINISTRY OF MANPOWER

MR NICKY TAN

Chief Executive Officer
NTAN CORPORATE
ADVISORY PTE LTD

MR TED TAN

Deputy Chief Executive
ENTERPRISE SINGAPORE

MR DAREN TANG

Chief Executive
INTELLECTUAL PROPERTY
OFFICE OF SINGAPORE

MR ERIC TEO

Adjunct Associate Professor,
Division of Accounting,
Nanyang Business School
NANYANG TECHNOLOGICAL
UNIVERSITY

PROF TSUI KAI CHONG

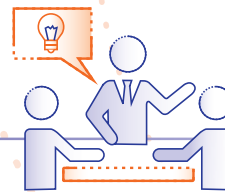
Provost & Professor
Office of the President
SINGAPORE UNIVERSITY
OF SOCIAL SCIENCES

MS AUDREY YAP

Managing Partner
YUSARN AUDREY

LEADERSHIP TEAM

1 July 2020



MR DAREN TANG

Chief Executive / Registrar

MRS RENA LEE

Chief Executive (Designate)

DR BERNARD ONG

Group Director
(POLICY AND ENGAGEMENT)

MR WOO YEW CHUNG

Assistant Chief Executive
(CORPORATE)
Covering Assistant Chief Executive
(REGISTRIES)

MS ADELINE CHANG

Director
(FINANCE)

MS CHIAM LU LIN

Principal Consultant
(IPOS)

MS TRINA HA

Director
(LEGAL)

MR ALVIN HANG

Director
(MEDIA AND COMMUNICATIONS)

MR MARK LIM

Director
(HEARINGS AND MEDIATION)

MR KOK KITT-WAI

Director
(IP ACADEMY), IPOS
INTERNATIONAL
Director
(BUSINESS DEVELOPMENT),
IPOS INTERNATIONAL

MS HAZEL MOI

Director
(INFORMATION TECHNOLOGY)

MS ONG LAY SEE

Director
(HUMAN CAPITAL)

MS ISABELLE TAN

Director
(REGISTRY OF TRADE MARKS)

DR MING TAN

Managing Director
IPOS INTERNATIONAL

MS SHARMAINE WU

Director
(REGISTRY OF PATENTS, DESIGNS &
PLANT VARIETIES)

MR ALFRED YIP

Director
(PATENT SEARCH & EXAMINATION),
IPOS INTERNATIONAL

IPOS CORPORATE PROFILE

IPOS is a government agency under the Ministry of Law. We use our IP expertise and networks to drive Singapore's future growth. Our vision is a Singapore where innovative enterprises use their IP and intangible assets to grow.



OUR VISION

A Singapore where innovative enterprises use intangible assets to grow



OUR MISSION

We use our IP expertise and networks to drive Singapore's future growth.



OUR VALUES

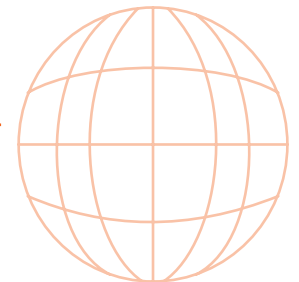
- Integrity
- Professionalism
- Team Work
- People-focused



OUR CORPORATE TAGLINE

Ideas Today.
Assets Tomorrow.

OUR SUBSIDIARY IPOS INTERNATIONAL



IPOS International is a wholly owned subsidiary of IPOS, housing over 100 IP experts in areas such as IP strategy and management, patent search and analysis, and IP education and training.

As the expertise and enterprise engagement arm of IPOS, our focus is on helping enterprises and industries use IP and intangible assets for business growth.

Our ambition is to be the global Centre of Excellence for intangible assets, anchoring Singapore as a hub for global innovation flows. We aim to use our expertise, partnerships and networks in the innovation ecosystem worldwide to bridge possibilities for intangible asset-rich enterprises and industries seeking to grow.



BUILDING THE REGIME AND REGISTRY OF THE FUTURE

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REGISTERING A TRADEMARK ON THE GO!



Aloysius Lai, Tan Yan Shao, Andrew Au (L-R)



Innovators and enterprises can now file their trademarks on-the-go. Trademark application is simple and fast, taking less than 10 mins to complete on the IPOS Go mobile app. The app integrates Artificial Intelligence (AI) technology to search for similar trademarks on the IPOS register, allowing applicants to pre-empt possible objections arising from similar existing trademarks before submission. This new feature is essential as more than forty percent of the world's trademarks filed today contain images.

As the world continues to see a surge in trademarks filings, the new AI capability provides business owners with greater clarity and certainty in their applications and will help them to better manage their brands.

IPOS Go signals IPOS' commitment to advance Singapore's Smart Nation agenda by offering digital innovations that serve to simplify and enhance Singaporeans' lives.

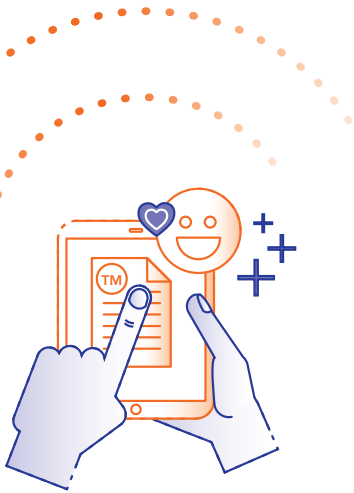


THE TEAM BEHIND IPOS GO:

As the Trademark Registry's Ops Tech team, we were given the exciting task of developing new strategic products and services to pre-empt our stakeholders' needs. Management has given us much latitude to dream and experiment while providing ample resources – all part of the innovative culture at IPOS.



IMPROVING THE USER EXPERIENCE WHEN FILING TRADEMARKS



IPOS implemented a series of changes to improve the user experience on both of our digital filing platforms. On IP2SG, the inclusion of an automatic translation tool has eliminated the need for applicants to provide a certified translation of foreign characters appearing in the trademark at the point of filing. The filing process has also been streamlined and legalese simplified for the layperson.

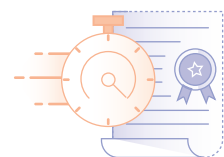
A predictive suggestion tool was also implemented on IP2SG and IPOS GO, to assist filers who may be overwhelmed by the different classifications of goods and/or services. The tool draws on information such as the applicant's industry and commonly-filed goods and/or services from the same industry. The enhancements make filing more intuitive for businesses seeking trademark protection, saving them time and money.

ALIBABA GRANTED EXPEDITED PATENT UNDER ACCELERATED INITIATIVE FOR ARTIFICIAL INTELLIGENCE



IPOS granted the first expedited patent under the Accelerated Initiative for Artificial Intelligence (AI2) to Alibaba Group. This was achieved in just three months - a world record for application-to-grant, which usually takes two to four years on average.

Mr Benjamin Bai, VP and Chief IP Counsel of Ant Financial (an affiliate of Alibaba Group) complimented Singapore's efforts in supporting enterprises in their go-to-market strategy, "We applaud the efficiency and speed of Singapore's IP office, and look forward to filing more patent applications in Singapore under this initiative."



BOOSTING THE FLOW OF INNOVATION COLLECTIVELY IN ASEAN

In a collective effort to boost the flow of innovation into the region, Singapore and eight other ASEAN IP offices have launched two new initiatives at IP Week@SG 2019.

The 9 participating ASEAN IP offices under the **ASPEC Acceleration for Industry 4.0 Infrastructure and Manufacturing (ASPEC AIM)** will prioritise patent applications in key emerging technologies such as FinTech, cybersecurity and robotics.

Under another new initiative, **the Patent Cooperation Treaty-ASPEC (PCT-ASPEC)** programme, patent applicants can now use their PCT reports from an ASEAN International Searching Authority and International Preliminary Examining Authority* to accelerate their patent applications in another ASEAN country.

To commemorate the 10th year anniversary of ASPEC, the revamped ASPEC brochure has also been launched.

**Currently, the IP Office of the Philippines or the IP Office of Singapore.*

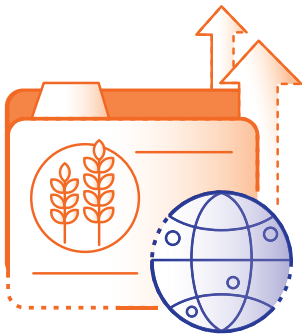


DESIGNERS GET GREATER ASSURANCE IN INDUSTRIAL DESIGNS PROTECTION



The Locarno Agreement entered into force in Singapore on 19 March 2020, giving industrial designers greater assurance in protecting their designs. The Agreement is an international standardised classification system for industrial designs. It helps applicants identify the specific class their work belongs to when they file for industrial design protection, thus simplifying the user's search process across different databases. With this, Singapore is now signatory to 15 World Intellectual Property Organisation treaties, marking a continued commitment to harmonise Singapore's IP policies and legislations with international standards.

TEMASEK RICE RECEIVES BOOST FOR IP PORTFOLIO, READY FOR GLOBAL MARKET



Temasek Life Sciences Laboratory (TLL) received a boost to its IP portfolio with a Plant Varieties Protection (PVP) grant from IPOS. The grant recognises the unique properties of the Rice such as being highly aromatic, produces greater yield than its original variety, has the ability to withstand extreme weather conditions and is resistant to bacterial and fungal diseases.

Temasek Rice has existing patent and trade mark protection for the technology related to the cultivation of the rice as well as the “Temasek Rice” brand. With the latest grant under its belt, Temasek Rice will be able to enter and expand into 70 new markets overseas, including China, the US and Vietnam. This supports Singapore’s vision of becoming a leading urban agriculture and aquaculture technology hub with a food production model that can be exported to the region.

SINGAPORE ELECTED AS VICE-CHAIR OF THE WORLD INTELLECTUAL PROPERTY ORGANISATION’S COMMITTEE ON PATENTS



Photo: WIPO

Alfred Yip, Director, Patent Search & Examination, was appointed the Vice-Chair of the WIPO Standing Committee on the Law of Patents for a one-year term from June 2019. The Committee serves as a forum for countries to discuss global patent issues, including facilitating the development of international patent law to remain progressive, balanced and fair. As Vice-Chair, Alfred has been working alongside the Chair to guide and shape the **global discussion on patents**.

WIPO REGIONAL SEMINAR ON COPYRIGHT



In cooperation with the Singaporean Ministry of Foreign Affairs' Singapore Cooperation Programme - SCP Friends, Singapore hosted a WIPO Regional Seminar on copyright for Asia-Pacific. The seminar was jointly organised by the WIPO Standing Committee on Copyright and Related Rights and the WIPO Singapore Office, and saw representatives and observers from over 35 countries gathered at the National Library for two days of discussions on copyright limitations and exceptions in the work of libraries, archives, museums and educational & research institutions. Event participants also gleaned insights on Singapore's 'goldilocks approach' to its Copyright Review, and the considerations undertaken to ensure that the rights of creators are balanced with the needs of users.



Photo: WIPO



The mission of a policy maker is to understand the domestic circumstances and pick what is suitable for the country at the right time.

At the same time, some of the issues which are faced by all countries may be similar, for example, in relation to cross-border uses. There may be value in developing common responses to some of these issues at an international level.

**WELCOME REMARKS
MR DAREN TANG, CE, IPO**





FACILITATING INNOVATION FLOWS FROM SINGAPORE, THROUGH SINGAPORE

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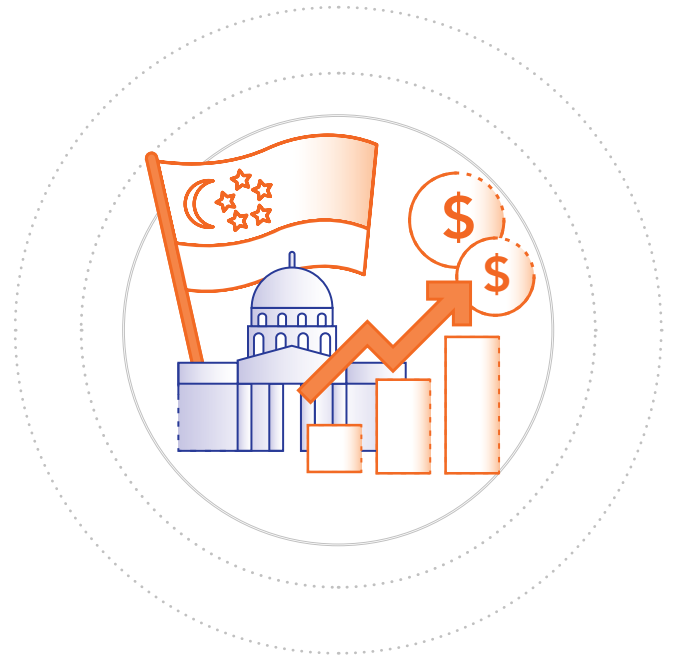


NATIONAL LEVEL WORK TO SUPPORT OUR FUTURE ECONOMY



IPOS has actively participated in national-level committees, together with other government and innovation agencies. These inter-agency collaborations will serve to holistically support the growth and transformation of Singapore's economy.

IPOS is currently a member of the Future Economy Council (FEC) Modern Services and Manufacturing Sub-Committees, Research, Innovation and Enterprise (RIE) Strategy Committee (SC) and Innovation and Enterprise (I&E) Exco. IPOS is also the co-chair of the multi-agency IP Working Group. IPOS also contributed to the National AI Strategy, and is committed to providing clear and accelerated patent protection for new AI innovations.



WORLD IP DAY 2019

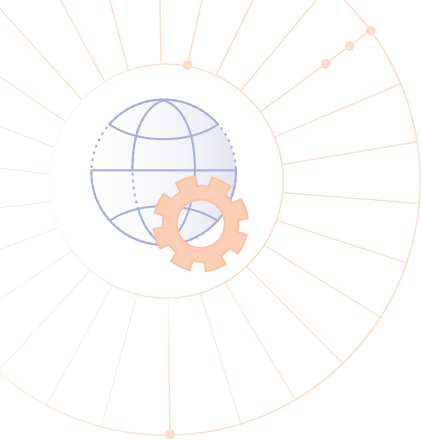


IPOS commemorated World IP Day 2019 through a series of programmes with our partners – World Intellectual Property Organisation (WIPO), International Association for the Protection of Intellectual Property (AIPPI), ASEAN IP Association (AIPA), and Singapore Press Holdings (SPH), for the IP community in Singapore.

There was a Rights Awareness Talk for the Art Community held on 23 Apr 2019. Marcus Liu, Senior Legal Associate at Amica Law LLC, shared about copyright and moral rights that are related to the art community in Singapore. Participants took away practical tips on how to better protect one's IP rights through due diligence checks and having contracts in place.

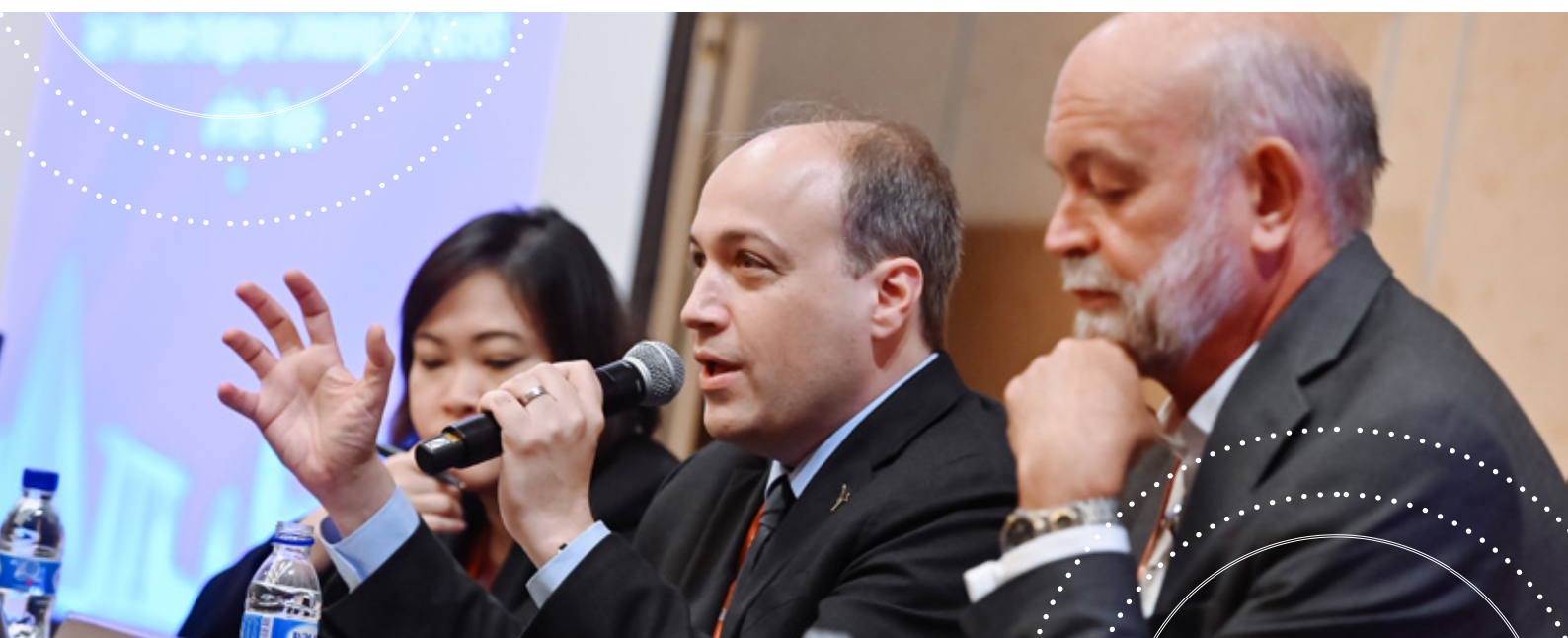
The 7th Community of Practice (COP) on IP Management held on 26 Apr 2019 drew over 100 participants from 27 public agencies. Titled "Powering R&D Decision-Making with IP Intelligence", the session highlighted how enterprises can utilise IP intelligence to uncover and utilise innovation opportunities to stay ahead of the competition. Speakers from public agencies also shared how R&D decisions that are driven by IP intelligence can benefit Singapore and Singaporeans.

CONTENTS NAVIGATION



On the same day, SPH commenced the public voting for the Singapore Creator Awards 2019, which spurred innovation and creative designs infused with Singapore culture and uncovered aspiring designers looking to break into the international design scene.

Concurrently, AIPPI organised the 4th AIPPI-ASEAN Regional Meeting, which featured IPOS' Director of the Registries of Patents, Designs and Plant Varieties, Alfred Yip, who spoke on the topic of FinTech and staying ahead of the innovation race. The AIPA invited IPOS' Chief Executive, Daren Tang, to moderate a high-level panel discussion at their AIPA Conference on 27 Apr 2019. The panel highlighted how ASEAN and the IP industry would evolve as a trading hub in the new world of e-commerce, digital free trade and trade alliances. The commemoration wrapped up with WIPO organising the Asia-Pacific Regional Seminar on 29-30 Apr 2019 at the National Library Board.



LINKING INNOVATION FLOWS WITH COMMUNITIES OF PRACTICE



The COP on IP Management brings together curious and innovative minds to learn best practices and impart skills to one another. This provides a continuous loop within the innovation ecosystem, that enriches each other's learning experience.

The 8th COP on IP Management was held in conjunction with IP Week @ SG 2019 on 27 Aug 2019. Titled "Tech Transfer Endgame: Unlocking the Secrets of the Trade", the session saw a lively sharing by international technology transfer experts from UK and Israel. These two countries are ranked top 10 in the Global Innovation Index 2019 and it was a privilege to hear their stories about commercialisation.



The 9th COP on IP Management was held at Singapore's mosquito facility in Ang Mo Kio on 17 Jan 2020. Participants got a first look at the nation's mosquito army, specially bred to tackle dengue. Panel members from the National Environment Agency and Singapore Eye Research Institute also shared how they balance research and IP to better capture the national value arising from their innovations.

A ROUNDTABLE OF IP EXPERTS



The International Trademark Association (INTA) invited IPOS to a round of discussions by the IP Expert Group. Together with France's National Institute of Industrial Property and the Swiss Federal Institute of Intellectual Property, the Group explored the role IP offices would play in an innovation-led future economy. The Group also weighed in on how global trends such as Industry 4.0 and AI, would pose unique opportunities, but also challenges, to IP offices in the next 20 years. IPOS also shared about its transformation as an IP office and continuing international cooperation activities on ASEAN initiatives.

CELEBRATING FRAUNHOFER INSTITUTE'S 70TH ANNIVERSARY



IPOS Chief Executive Daren Tang attended the 70th anniversary of Fraunhofer Institute, Europe's leading applied research institute. Held in Munich, the annual conference also had in attendance leaders in policymaking, research and industry, including Chancellor of Germany Dr Angela Merkel. Mr Tang was a Board member of Fraunhofer Singapore, where he worked with them to build Singapore's innovation ecosystem as well as strengthening the links between the innovation communities of Singapore and Germany.

During the visit, Mr Tang also met with the European Patent Office President Mr Antonio Campinos. IPOS and the EPO have enjoyed close cooperation over the years and will continue to explore ways in which our bilateral partnership can be expanded.

IPOS GROUP AND ITS GLOBAL PARTNERS



Ideas and innovation flow rapidly between well-connected global, industrial and innovation ecosystems. IPOS and IPOS International (the enterprise and engagement arm) connect global innovation partners and hubs around the world.



TECHNICAL EXCHANGES



IPOS and Brazil's National Institute of Industrial Property signed an MOU to support innovative enterprises and provide better market access. The MOU will also explore patent work sharing arrangements such as a pilot Patent Prosecution Highway.

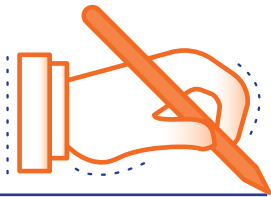


IPOS signed an Implementation Workplan with the Intellectual Property Office of Vietnam to deepen bilateral cooperation in the areas of IP commercialisation and patent work-sharing.



To continue the sharing of search and examination results between Singapore and China's IP offices, both offices extended the PPH for two years until 31 August 2021. IP rights owners from both countries will continue to enjoy an expedited and a more straightforward application process when filing patents.

CONTENTS NAVIGATION



IPOS renewed its arrangement with the United States Patent and Trademark Office (USPTO) to act as an International Searching Authority and International Preliminary Examining Authority under the Patent Cooperation Treaty for international applications received by the USPTO. The signing took place on 4 December 2019 and the renewal will benefit applicants for an additional 8 years till 3 Dec 2027.



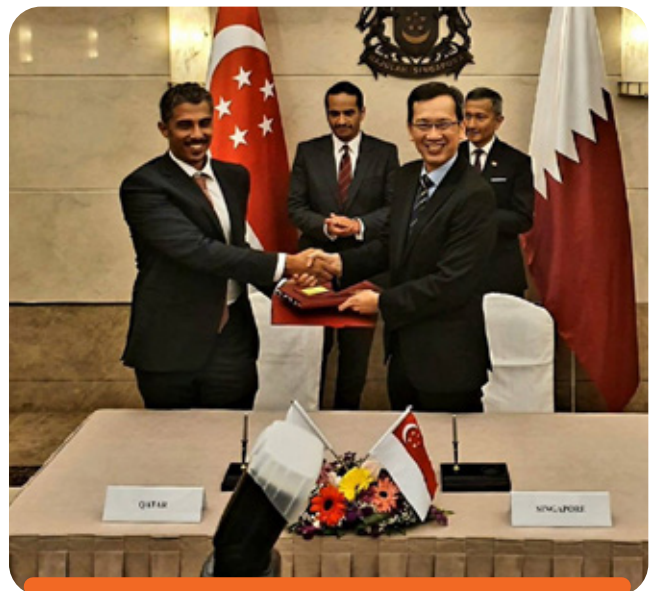
IPOS was officially appointed by the Uganda Registration Services Bureau (URSB) as a competent International Searching Authority and International Preliminary Examining Authority (ISA/IPEA) on 2 Dec 2019. As a competent ISA/IPEA, IPOS will be able to issue patent search and examination reports for international applications filed by nationals or residents of Uganda as a Receiving Office under the Patent Cooperation Treaty filed with the URSB.



IPOS deepened cooperation with Laos' Department of IP. The cooperation bridges the innovation ecosystems of both countries to support the transformation of IP and IA into products and services for the region. Specifically, Laos will be able to tap on Singapore's patent search and examination expertise to grant quality patents in Laos. Singapore-granted patents can be re-registered in Laos, allowing innovative enterprises to save valuable time and money when accessing markets.



IPOS welcomed H.E. Cham Prasidh and his team to the IPOS office earlier in Jan 2020. IPOS and the Cambodia Ministry of Industry and Handicraft renewed cooperation with an MOU for another 5 years. This will allow Singapore patents to continue to be re-registered in Cambodia, and for MIH to continue to engage IPOS' search and examination services.



FURTHERING IP COOPERATION

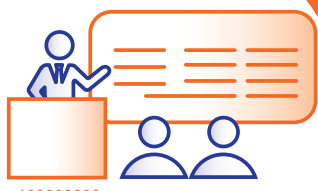


The MOU between IPOS and the UK Intellectual Property Office will support the SG-UK Partnership for the Future framework. Under this agreement, both offices will explore cooperation in the areas of IP protection, commercialisation and utilisation.



The Agreement with the Qatar Free Zone Authority will support bilateral economic engagements between both countries. This will be achieved through a community sharing of best practices and knowledge on the management of IA and IP, as well as developing closer linkages between the innovation ecosystems of both countries.

CONTENTS NAVIGATION



IPOS International and IPR Daily, China's largest intellectual property media company, will jointly develop seminars and training programmes to promote capabilities in IP protection, commercialisation and management for Chinese enterprises.

IPOS signed an MOU with Ecuador's National Service of Intellectual Rights (SENADI) on 17 Feb 2020. Under this agreement, both IP offices will cooperate further in the areas of IP management to promote economic and innovation development, in recognition of the importance of intellectual property and intangible assets.

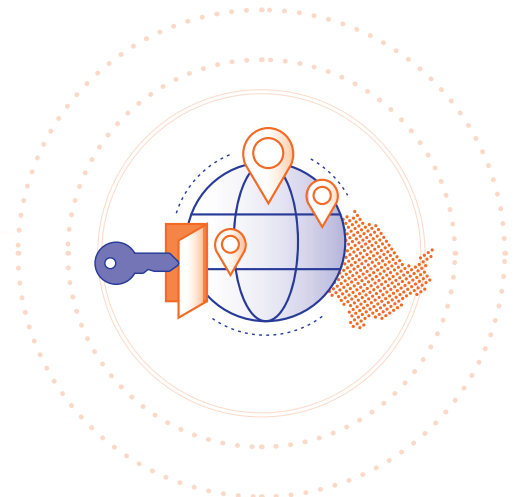




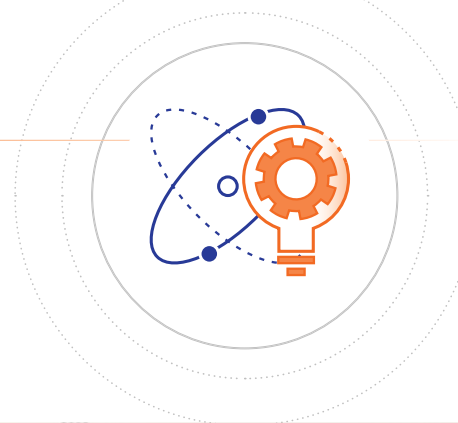
IPOS International expanded its global network with bilateral MOUs signed with Japan, China and Russia. Innovative enterprises from these countries can look forward to tapping IPOS International's suite of services, with a view to accessing new markets, using Singapore as an IP Hub.

IPOS International also formalised IP collaboration with Suzhou Industrial Park (SIP) and China-Singapore Guangzhou Knowledge City (CSGKC) in 2019. The latter commits to developing the China-Singapore International IP Innovation Service Center in CSGKC. The Centre will support Chinese enterprises looking to expand into ASEAN through Singapore.

Likewise, innovative enterprises will be able to use Singapore and Kazakhstan as gateways to access high-growth markets in ASEAN and the Central Asia region, as part of a tripartite Memorandum of Understanding with the Astana Financial Services Authority and the Ministry of Justice of the Republic of Kazakhstan.



THE PURSUIT OF INNOVATION: WORLD INTELLECTUAL PROPERTY REPORT 2019



IPOS and WIPO jointly organised a session to center around the World Intellectual Property Report 2019 –WIPO’s flagship analytical report. Partners from industry and academia shared their insights and discussed how increased open cooperation on new technological frontiers like autonomous vehicles and artificial intelligence can lead to more gains to nations and enterprises. As innovation activities increase globally, IPOS is looking forward to more ideas, innovations and collaborations traversing the world from Singapore, through Singapore.



In a world where innovation has become more collaborative and international, our ability to sense make and analyse IP data will help guide policymakers to achieve better social and economic outcomes from our ever-increasing R&D spend... Countries, whether big or small; developed or developing, can find their comparative advantage, and co-innovate successfully with one another. We do better, if we do them together.

**OPENING REMARKS,
DR BERNARD ONG, GROUP DIRECTOR, POLICY & ENGAGEMENT CLUSTER**



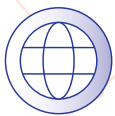


THE IP LANDSCAPE: EMPOWERED TO GROW WITH INTANGIBLE ASSETS

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IP INSURANCE READIES INNOVATIVE ENTERPRISES FOR GLOBAL MARKET PENETRATION



Minister for Education Mr Ong Ye Kung announced the IP Insurance Initiative for Innovators (IP III) at the Singapore-UK Partnership for the Future: Singapore Bicentennial 1819-2019 held in London.



The value of the global economy is increasingly held in IA. Yet these assets continue to be underinsured, despite the potential of higher business loss in the face of adverse IP proceedings. IP III - underwritten by Antares Underwriting Asia, on behalf of Lloyd's of London - will allow enterprises to get insurance coverage for legal expenses that may be incurred in IP infringement proceedings. This supports enterprises to mitigate against business risks that may emerge as they enter global markets for growth.

With enterprises tapping on IA for growth, read more to see how IPOS strives to support the innovation ecosystem with an **innovative financial lever like the IP III.**

IP WEEK @ SG 2019

IDEAS TO ASSETS: DRIVING ENTERPRISE GROWTH WITH IP

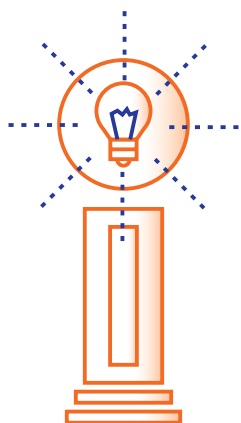


IP Week @ SG 2019 saw close to 4,000 attendees from over 45 countries come together at Marina Bay Sands Singapore. The world's premier IP event brought together the world's IP thought leaders, legal experts and innovative enterprises from over 45 countries for two-days of scintillating discussions on commercialisation and winning strategies for enterprise growth. With close to two-thirds of the delegates from the business sector, the event underscores the increasing importance of IP and innovation to sustain business growth.

In his opening remarks, Mr Chan Chun Sing, Minister for Trade and Industry, called on the need to build multi-disciplinary teams that draw on business, technology and legal capabilities to drive global growth through IP and IA. Minister Chan also announced the **launch of IPOS International**, which will serve as a one-stop IP shop for enterprises seeking IP strategy and management, patent search and analysis, and training. A world's first national-level framework to develop and train IP talent was also unveiled. The **new Skills Framework for IP** will support the demand for skilled IP manpower in the local innovation ecosystem, and boosts Singapore's position as an IP hub.

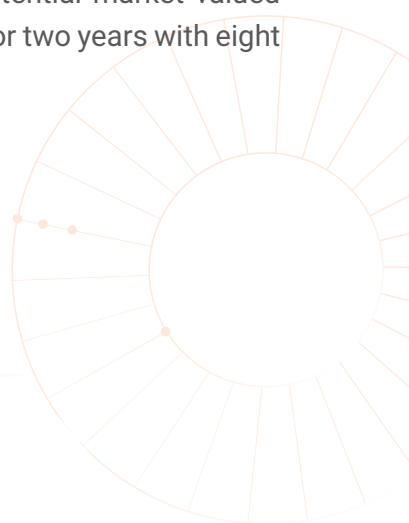


At the opening ceremony, Minister Chan also gave out the prestigious WIPO-IPOS Intellectual Property Awards 2019 to three innovative Singapore companies, Razer (Asia-Pacific) Pte Ltd, Biolidics Ltd and Durapower. The Awards celebrate the achievements of innovative enterprises that demonstrate strategic management and commercialisation of IP and IA that they create and own. Amongst the companies, Razer (Asia-Pacific) emerged as the grand winner of WIPO-IPOS IP Awards 2019 edition, claiming three of five awards.



In the spirit of 2019's event theme, IPOS granted a patent to Alibaba Group in a world record of three months, through the **Accelerated Initiative for Artificial Intelligence programme**. IPOS also announced the new **ASPEC-AIM initiative** that will expedite patent applications in key emerging technologies.

The new initiative taps into the region's estimated potential market valued between US\$216 billion to US\$627 billion and will run for two years with eight other participating ASEAN IP offices.

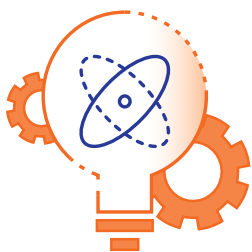




The event also saw the launch of the Institute of Singapore Trade Mark Agents (ISTMA) and the **Future Leaders in INnovation Transformation (FLINT)**. The latter initiative by IPOS seeks to nurture the next generation of IP-savvy youths. The inaugural FLINT session was attended by more than 100 entrepreneurial students and representatives from the various tertiary institutions.

WIPO also organised the *Heads of Intellectual Property Office Conference*, graced by heads of over 20 IP offices and associations. Representatives from the African Regional IP Organisation, Turkey, the UK, Alibaba, Ant Financial Services, Boston Consulting Group, Facebook, Huawei, IBM Corporation, Nokia and Rolls-Royce immersed themselves in in-depth discussions on innovation and IP. Several agreements were inked during the conference, furthering Singapore's **networks with the global innovation communities** as partnerships explore cooperation in IP protection, commercialisation, training and the sharing of best practices. These new initiatives and partnerships will allow Singapore to bring value to global innovation flows and drive economic growth for the nation and region.





Tech giants in the 5G space – Huawei and Nokia - also took the stage at an exclusive closed-door CEO luncheon. Supported by the Association of Small and Medium Enterprises, the Singapore Manufacturing Federation and Enterprise Singapore, CEOs in the audience gleaned insights on navigating IP issues in the complex global environment and the importance of collaboration in IA and IP in the midst of a fragmented world. The luncheon was attended by Ambassador Tan Hung Seng (Singapore’s Permanent Representative, World Trade Organisation), H.E. Christopher Onyaga Aparr (Permanent Representative of Uganda to the United Nations in Geneva), and H.E. Chi Dung Doung (Mission of Vietnam to the United Nations Office, WTO and other International Organisations in Geneva).

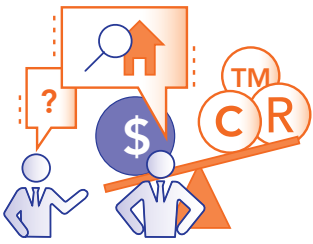
IPOS WELCOMES DR. MING TAN AS MANAGING DIRECTOR OF IPOS INTERNATIONAL

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Dr. Ming Tan joined IPOS International in January 2020. As Managing Director, Dr. Tan oversees over 100 IP experts in strategy and management, patent capabilities and skills training, and directs the entity’s growth and mission alignment with IPOS. Formerly from the COMO Group, Dr. Tan brings a commercial perspective to the IPOS’ subsidiary. IPOS International was launched in August 2019 to offer holistic IP solutions to public and private enterprises along their innovation journey.

COMMUNICATING AND IDENTIFYING THE VALUE OF INTANGIBLE ASSETS



Earlier this year, IPOS partnered with the Singapore Exchange (SGX) to launch the Intangible Disclosure Evaluation and Audit Scheme (IDEAS) programme exclusively for SGX-listed companies and companies preparing for a listing. The programme helps companies identify, audit and evaluate their existing IA. Communicating this key information to the market will allow companies to effectively raise capital and help investors understand and appreciate the value of IA.

As the market shifts away from traditional indicators of performance grounded in tangible asset values, IDEAS will transform the Singapore capital market to be one where IA-rich businesses can effectively communicate their business value.

BRINGING ENTERPRISES TO THE NEXT LEVEL WITH IA



IPOS' ongoing partnership with the Singapore Business Federation (SBF) supports SBF's members in their continued evolution. A leadership event at the SBF Centre on 27 Nov 2019 featured Goldbell Corporation's Director of Future Mobility Kelvin Tay, EverEdge Global's Partnership Director-Asia Vijey Ananda, and IPOS International's IP Strategists Dr Bernice Oh and Regina Lum, who shared with 60 SBF members how they could bring their business to the next level with IA.

ENABLING ENTERPRISES WITH STRATEGIC IP MANAGEMENT

IPOS International helps innovative enterprises fortify their competitive edge with an intangible asset strategy. From clients in the BioTech to business services industries, IPOS International provides bespoke consultancy work that is aligned with business goals.

IPOS INTERNATIONAL'S CLIENTS SPAN DIVERSE INDUSTRIES. TAKE A LOOK AT THE TOP INDUSTRIES WHERE THEY COME FROM!



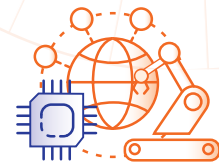
**HEALTHCARE,
BIOTECH
& PHARMACEUTICAL**



**DIGITALISATION
& ECOMMERCE**



BUSINESS SERVICES



**ELECTRONICS,
ROBOTICS AND
IIOT**

SPIC & SPAN

CLEANING COMPANY STEPS UP IN FIGHT AGAINST GLOBAL PANDEMIC

Founded in 2017, this cleaning solutions company worked with IPOS International to identify its intangible assets and protect its recent innovation. In particular, its latest innovation is Speco®, a proprietary long-lasting disinfectant that is effective against bacteria and viruses for up to six months per application, including against Coronaviruses. Said Founder Benjamin Chua, "IPOS International's invaluable advice helped us identify what existing IP we had, what were the IP gaps that we needed to fix as well as the strategy moving forward. By understanding the assets we have, we knew what was valuable to our company and where our growth engine was. We had managed to address the gaps in our IP almost immediately and we are really thankful for that."

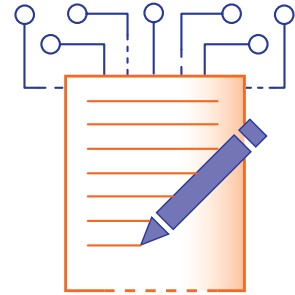
Speco® by Spic & Span has a Provisional Patent, which allowed Spic & Span to protect its competitive edge, stand apart from competitors and secure strategic accounts such as Shell, Singtel and Singapore Airlines.

THE WRITE CONNECTION

THE RIGHT PLANS FOR THE WRITE CONNECTION

The Write Connection (TWC) is a Singapore-based English education centre that has nine outlets across the island. The COVID-19 global pandemic accelerated the adoption of digital tools to ensure that businesses would be able to continue running with little to no disruption. Ms Katherine Barg, Founder and CEO, reported that they have set up an online business (TWC@Home) during the pandemic and now have students joining them from seven countries, ranging from neighbouring countries like Indonesia to countries like USA, Japan and New Zealand.

“We have implemented the recommendations by IPOS International to facilitate the growth of our online and offline business,” says Ms Barg. “Recording our know-how on pedagogy, teacher training and operations is also going well. Our International Operation Department is forming the manuals for each department. The project has helped us in identifying our strengths and weaknesses, so we can cover our blind spots as much as possible.”



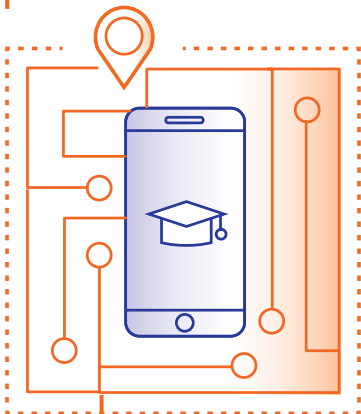
IP MANAGEMENT (GOVERNMENT) [IPMG]

IPMG supports public agencies in the management of publicly-funded IP. Some of the assistance rendered to fellow agencies include developing IP Policies in line with the National IP Protocol, providing insights through patent analytics to determine or validate potential research areas, as well as providing training to public officers in areas of IP management. Since 2017, the team has worked on close to 50 projects for public agencies.



CIVIL SERVICE COLLEGE

NAVIGATING IP RIGHTS IN THE DIGITAL SPACE TO DEVELOP LEARN CONTENT



The “LEARN” app was developed by the Civil Service College (CSC) as a one-stop digital learning platform for public officers in Singapore to upskill themselves. The content would comprise existing content (CSC’s proprietary content and third-party content) and new content to be developed either internally and/or by third parties. However, CSC faced the challenge of navigating IP rights in the digital space – clearing rights to digitise existing content, and securing the necessary rights to host new content.

Our IP Strategists developed a set of operational processes and checklists to enable the CSC officers to manage the many IP issues in building a repository of digital content for the LEARN app. This included how to:



Review and/or modify agreements to determine if existing content could be digitised and hosted on the LEARN app;



Review and develop agreement templates to ensure that new content could be used for the LEARN app; and



Enable CSC officers to negotiate for new content agreements with third-party content providers.

JURONG TOWN CORPORATION

DEVELOPING AN IP MANAGEMENT POLICY TO ENABLE STRATEGIC R&D OUTCOMES

Jurong Town Corporation (JTC) provides infrastructure solutions to meet the needs for current and future industries. The collaborative innovation process with industry results in the generation of new technologies and other IPs.

JTC sought the assistance of IPOS to develop a policy for IP management for IPs, aligned with the principles of the National IP Protocol. Through surveys, interviews and focus group discussions, our IP Strategists developed an IP Policy with clear guidance, tools and processes that would assist JTC officers to:



Secure the necessary rights to use the IP for its operations whilst facilitating commercialisation of the IP by the industry for value capture for Singapore;



Derive an equitable sharing of economic benefits arising from the commercialisation of IP; and



Avoid unnecessary risk from the mismanagement and mishandling of IP.





LEADING IP DISPUTE RESOLUTION

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SINGAPORE AS THE DESTINATION FOR IP DISPUTE RESOLUTION



Fifty-two countries, including the United States and China, have signed a new international treaty on mediation named after Singapore as of March 2020. Prime Minister Lee Hsien Loong has called the Singapore Convention on Mediation **“a powerful statement in support of multilateralism”**, that will help to advance trade, commerce and investment. With the Convention, innovation-driven enterprises will be assured that mediated settlement agreements can be enforced in cross-border disputes.



Photo: Ministry of Law



Photo: Ministry of Law

Also taking place in August 2019 was the passing of the IP (Dispute Resolution) Act. With effect from November 2019, the Act clarifies that IP disputes can be arbitrated in Singapore, further enhancing Singapore’s reputation as an IP Dispute Resolution Hub.

The Singapore government also reaffirmed its commitment to work with the World Intellectual Property Organisation Arbitration and Mediation Center (WIPO Center) on serving the Asia-Pacific region in the field of IP alternative dispute resolution. In a joint initiative between WIPO Center and IPOS, the creative community will now have access to reduced rates for mediation to resolve any copyright disputes in Singapore at the WIPO Center, strengthening Singapore’s position as the region’s alternative dispute resolution hub.

The WIPO Center’s only office outside of Geneva was established in Singapore in 2010.

FIRST INTERNATIONAL SUCCESS CASE UNDER ENHANCED MEDIATION PROMOTION SCHEME, SPANS MULTIPLE JURISDICTIONS



Mediate for Success

Many of my clients have come away from mediation rather satisfied. They may have made some compromises in coming to an agreement with the other side but they are relieved that the dispute was quickly resolved in a cost effective way.

Gooi Chi Duan,
Partner, Litigation & Dispute Resolution Practice, Intellectual Property Practice, Donaldson & Burkinshaw LLP

Mediate for Success

As mediator, I am always fascinated by how mediation is able to help resolve even the most apparently doomed of disputes. By essentially facilitating communication between disputants, mediation used this as the key to bridging differences ... frowns and growls at the start of the process can turn into smiles at handshakes at the end of it.



Joyce A. Tan
Managing Director,
Joyce A. Tan & Partners LLC

The Scheme saw its first successful mediation that involved a multi-jurisdictional IP dispute between American and Thai parties. The dispute was resolved under the WIPO Center in Singapore where Representatives from both parties met and agreed to extend mediation of foreign IP rights in Vietnam, Indonesia, Philippines, Malaysia and Thailand.

The Scheme is the first of its kind that directly reimburses parties' mediation-related costs such as administration and mediator's fees, as well as parties' mediation-related lawyer fees and disbursements.

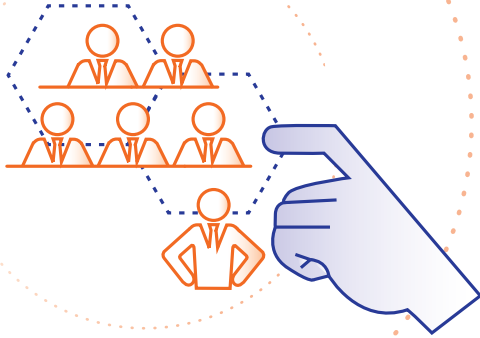
A ROUNDTABLE WITH IP AND ARBITRATION STAKEHOLDERS



IPOS hosted an IP Arbitration Roundtable Discussion at Maxwell Chambers that brought together stakeholders from the IP and arbitration sectors. The thoughtful discussions covered how stakeholders in the ecosystem might work together to build Singapore into a global hub for the arbitration of IP disputes. IPOS looks forward to future collaborations with the industry to build Singapore as a venue of choice for resolving disputes.

CONTENTS NAVIGATION

IPOS APPOINTS IP ADJUDICATORS TO ITS PANEL



IPOS appoints legal and IP professionals to its panel of IP Adjudicators on a 2-year term. Cases that are heard at IPOS benefit from the wealth of commercial, legal and academic that the panel brings. This builds on Singapore's reputation as the desired location to resolve IP disputes efficiently and transparently.

LIST OF IP ADJUDICATORS AS OF 1 APRIL 2020

MR JASON CHAN

Director, Litigation
and Enforcement Group,
Amica Law LLC

MS CHENG PEI FENG

Senior Assistant
Registrar, Supreme Court
of Singapore

PROF. DAVID LLEWELYN

Professor of Law
(Practice), School of Law,
Singapore Management
University

DR BURTON ONG

Associate Professor,
Faculty of Law, National
University of Singapore

MR ADRIAN TAN

Partner,
TSMP Law Corporation

MR SHEIK UMAR

District Judge,
State Courts of Singapore

MR TONY YEO

Managing Director,
Intellectual Property,
Drew & Napier LLC

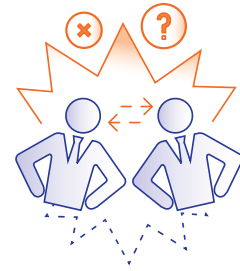


HIGHLIGHTS FROM IPOS' HEARINGS

Over the past year, many cases with international elements have benefitted from the wide and neutral perspective provided by IPOS' hearing officers and panel of IP Adjudicators that span across academia, public and private sectors. This underscores Singapore's robust IP regime and anchors Singapore's aim to be a dispute resolution hub in IP.

CLASH OF THE CLUBS

The Harvard Club of Singapore opposed the registration of Application Marks 'Harvard Club of Singapore' and 'Harvard University Club of Singapore' by Harvard University. The former relied on grounds of bad faith and passing off. The Hearing Officer disagreed and concluded that the applicant owned the goodwill connected with "Harvard", and was also free to file its trademarks any time. The decision was upheld on appeal to the High Court.



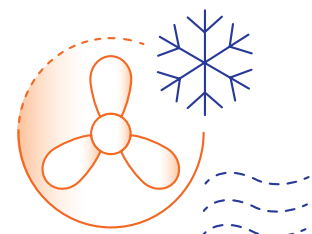
ALL THAT GLITTERS IS NOT GOLD

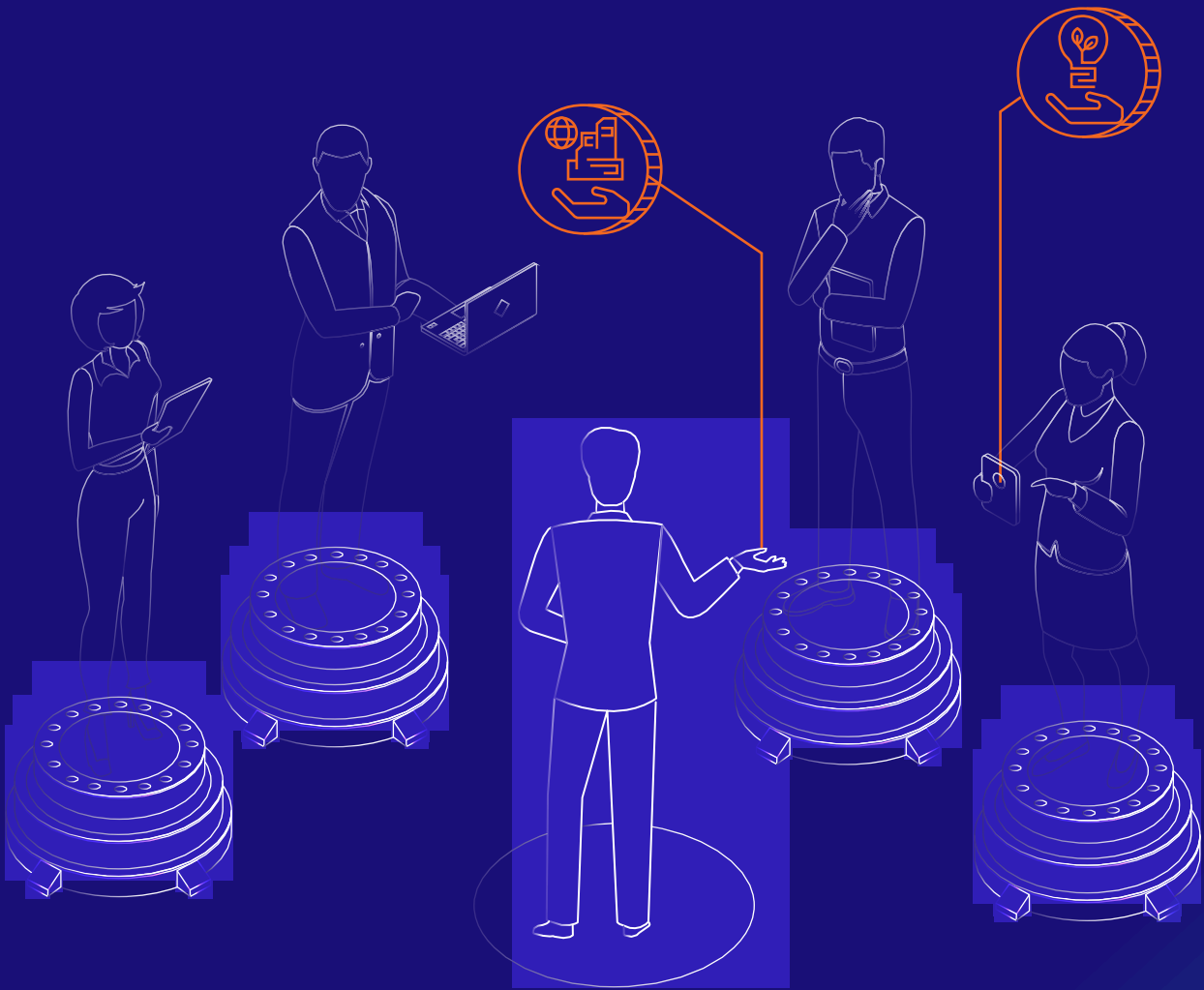


This sweet treat applied to protect its three-dimensional shape as a trademark but ultimately failed to do so. The mark was in fact observed to be a composite mark comprising shape, colour and packaging, as well as an oval white sticker with no words (on which the word mark "FERRERO ROCHER" is printed when the Application Mark is used in practice). The IP Adjudicator found that the Application Mark is devoid of any distinctive character, and has not acquired any distinctive character as a result of use.

COOLING THE HEAT

Multi Access Limited argued that the trademark applied by Guangzhou Pharmaceutical, 'WONGLO', is confusingly similar to its 'WONG LO KAT' mark. However, the Hearing Officer disagreed, on grounds that the marks are more dissimilar than similar; with 'WONG LO KAT' sounding like a full name, compared to 'WONGLO' which may be perceived as an invented word. The latter could therefore be registered. The decision was upheld on appeal to the High Court.

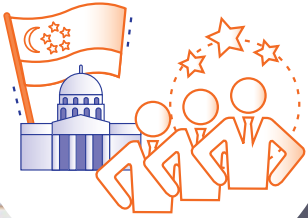




BOOSTING IP CAPABILITIES AND JOBS

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SKILLSFUTURE FELLOWSHIP: FOR THE ONES WHO KEEP GROWING AND INSPIRING OTHERS



Mr. Winston Chan, Group Managing Partner, FT Consulting, is our first SkillsFuture Fellow from the IP sector. With over 10 years of experience, he has been recognised by IAM Strategy 300 in 2018 and 2019 as one of the world's top IP strategists. He also serves as a board member of IPOS International.

On his appointment, Mr Chan said, "I am honoured to receive the SkillsFuture Fellowship for my work in the IP sector. This inspires me to further hone my skills in IP management and strategy, and to mentor future IP professionals."

NATIONAL-LEVEL FRAMEWORK TO DEVELOP IP TALENT

Minister for Trade and Industry Chan Chun Sing launched the new **Skills Framework for IP** at **IP Week @ SG 2019**. Jointly developed by SkillsFuture Singapore and IPOS, the world's first national-level framework aims to raise overall competencies, identify career pathways and provide upskilling for IP professionals. The framework will support the demand for competent IP-ready professionals in the local innovation ecosystem and strengthen Singapore's position as an IP hub.

PRESIDENT HALIMAH YACOB PRESENTS IPOS AWARDS TO TOP GRADUATES OF THE INAUGURAL MASTER OF IP AND INNOVATION MANAGEMENT PROGRAMME



President Halimah Yacob presented the IPOS Awards to top graduates from the pioneer cohort of the Master of Intellectual Property and Innovation Management (MIPIM) at Singapore University of Social Sciences in October 2019. MIPIM is Singapore's only graduate-level programme specialising in IP and innovation management, developed to strengthen the pipeline of skilled IP and innovation professionals in an increasingly intangible asset-driven economy.



Topping the cohort was IP Strategist and IP Management Consultant Ms Wendy Sim, followed by senior patent examiner, Dr Leck Kwong Joo, and Ms Claire Mak, a senior manager at a local university. MIPIM is Singapore's only graduate-level programme specialising in IP and innovation management.



The pipeline of talented IP graduates will support the **demand for skilled IP and innovation professionals** in an increasingly intangible asset-driven economy.



As the MIPIM programme covers a wide aspect of skill sets, my employer found the outcome to be pleasantly beyond expectation. I am now enjoying a new portfolio as IP strategist and management consultant in helping our clients uncover IP assets and optimising them. I could assist in closing new sales cases, deploying IP strategies and navigating IP laws to protect client's IP assets, providing assistance in IP prosecution and most importantly, the ability to integrate IP to business goals.



**WENDY SIM (SYNERGY IP PTE LTD)
RECIPIENT OF IPOS GOLD AWARD**

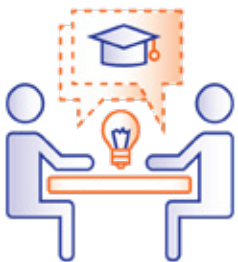
NURTURING THE NEXT GENERATION OF IP-SAVVY ENTREPRENEURS



Launched at IP Week @ SG 2019, the Future Leaders in INnovation Transformation (FLINT) programme aims to nurture Singapore's next-generation of IP-savvy entrepreneurs.

FLINT has reached out to youths at the polytechnics and universities like the Singapore Institute of Technology, to spark awareness and promote the utilisation of IP among these young innovators and enterprising youths. Students gain complimentary access to advanced IP courses and funding opportunities as a member of the FLINT programme.

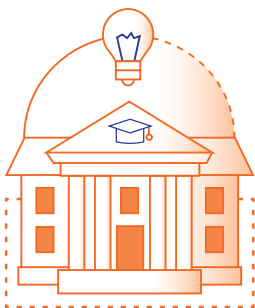
A PIPELINE OF INDUSTRY-READY SKILLED IP PROFESSIONALS



IPOS International, launched at IP Week 2019, brings together IP services for enterprise growth, including training and education previously offered by standalone IPOS subsidiary IP Academy. This merger allows IPOS International to offer holistic IP services to public and private enterprises.

Over 2019, IP Academy designed bespoke courses such as a Prior Art Search for Commercial Risk Analysis for ST Engineering, and a customised programme for NTUC Learning Hub on IP and Copyright.

The Academy works closely with other institutes of higher learning in Singapore, such as designing IP modules for the School of Biomedical and Chemical Engineering at the Nanyang Technological University. It also jointly runs the Specialist Certificate in IP Management, and the Masters of IP and Innovation Management with the Singapore University of Social Sciences.



IP Academy's 17 years of professional development in IP is recognised beyond our shores and is a great asset to IPOS International, IPOS and Singapore. In October 2019, it developed a Patent Examination training programme for the Gulf Corporation Council IP Training Centre. Aimed at patent examiners, legal counsels and researchers, the five-day programme combined theory and practice, conducted with simultaneous translation.



AT THE WORLD INTELLECTUAL PROPERTY ORGANISATION

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SINGAPORE AT THE 59TH WORLD INTELLECTUAL PROPERTY ORGANISATION GENERAL ASSEMBLY



Mr Daren Tang will helm the World Intellectual Property Organisation (WIPO) as the 5th Director General. This marks the first time a Singaporean will lead a UN agency, and WIPO's Director General hails from Asia. WIPO is a specialised United Nations (UN) agency based in Geneva, Switzerland with 193 member states. We recap the journey that Singapore has made as we celebrate this historic milestone.



In Oct 2019, Singapore attended the 59th WIPO General Assembly held in Geneva. In his national statement, IPOS CE Mr Daren Tang affirmed the pivotal role IP offices play in their ability to encourage innovation. He shared how IPOS expanded its remit from an IP registry and regulator to an innovation agency, embraced digitalisation to transform the customer experience and partnered both public and private sectors to enable enterprise scale-up.

The Republic also reaffirmed her commitment to multilateralism, and being a trusted and neutral partner to innovation and IP stakeholders. Ambassadors and heads of delegations joined the Singapore Luncheon - jointly hosted by the Permanent Mission to Geneva - to discuss how IP offices could broaden their mission beyond regulatory work and harness IP to help drive enterprise and economic growth and in turn, deliver positive social impact.

First conceived by WIPO in 2014, a "Guidelines to Using Evidence from Research to Support Policymaking" report was also launched. Singapore was the principal Asian IP Office contributing to the report, alongside chief economists and IP heads from Australia, Canada, Europe Patent Office, European Union, Switzerland, UK, and the USA.

SINGAPORE

Signatory to
15
WIPO administered treaties

1ST
to host a WIPO external
office in 2010

Organised
161
technical assistance
programmes since 2005

SINGAPORE NOMINATES CANDIDATE FOR THE WIPO DIRECTOR GENERAL ELECTIONS

In Nov 2019, IPOS CE Mr Daren Tang was put up as Singapore's candidate for the elections to the post of Director General (DG) of WIPO. Ambassador-at-Large Professor Tommy Koh led the round of formal introductions of Mr Tang to the Diplomatic Corps.

In his Facebook post, Prof Koh noted Mr Tang's skills and commendable achievements as a key member of the Singapore delegation which negotiated the Trans-Pacific Partnership and Regional Comprehensive Economic Partnership. "As a Singaporean, he would be an excellent honest broker and bridge-builder between the north and the south and between the east and the west."



Tommy Koh Facebook

A FRUITFUL EXCHANGE WITH THE AFRICAN REGIONAL IP ORGANISATION



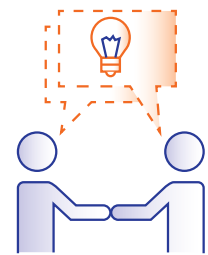
IPOS took part in a meaningful exchange with the African Regional IP Organisation (ARIPO). IPOS CE Mr Tang shared Singapore's experience in transforming our IP Office to support innovators and enterprises. The visit also coincided with a sharing session with the Ministerial Council. The discussion centred on how IP and innovation can create meaningful jobs and raise the overall socio-economic environment for countries.

As Africa becomes a buzzing hub for innovation with African start-up activity being 13% higher than the global average, these conversations are crucial in jointly developing an inclusive global IP ecosystem that benefits all.

LINKING UP AFRICAN AND ASEAN INNOVATION ECOSYSTEMS



IPOS CE Mr Tang shared IPOS' journey of transformation with the Organisation Africaine de la Propriété Intellectuelle (OAPI) in N'Djamena, Chad. During the visit, he emphasised **deepening cooperation and collaboration between Africa and Asia** in the field of IP, and in bringing both regions closer through more exchange and collaboration programmes. The links built between both ecosystems will help to foster and build a more vibrant global landscape.



WIPO COORDINATION COMMITTEE: SINGAPOREAN AS DIRECTOR GENERAL NOMINEE



IPOS CE Mr Tang received the nomination by WIPO's Coordination Committee to be its next Director General. Mr Tang was selected from a slate of nominees which originally comprised 10 candidates from Argentina, China, Colombia, Estonia, Ghana, Japan, Kazakhstan, Nigeria, Peru, and Singapore.

Voting took place over two rounds. In the final round of voting between Singapore and China, Mr Tang garnered 55 out of the 83 votes. This is the first time a Singapore national has won nomination to the leadership position of any UN agency.



There were many well-qualified candidates who contested through a fair, open and transparent process, and this shows how important WIPO is to the global community.

I am deeply grateful and honoured by the support of the CoCo for my candidature and for Singapore...Each of my fellow candidates brought to the race formidable expertise, exciting vision and inspiring energy, and it was an honour for me to be alongside you on this journey. We competed hard but always with a spirit of mutual respect and courtesy, and I know that we will continue to maintain this spirit to make WIPO an inclusive and collaborative organisation that supports all countries and all regions.

MR DAREN TANG, CE, IPOS



It was a multi-agency effort to canvass support for Singapore's candidate in the lead up to nominations before WIPO's 83-member Coordination Committee. Mr Tang expressed deep appreciation for the government agencies involved in this Whole-of-Government effort, "This was a team effort across many government agencies, including IPOS, the Ministry of Foreign Affairs, the Ministry of Law, Missions around the world and special envoys, all of whom worked hard over many months to lobby for support, and always in a way that flew our flag as Singapore."

In his congratulatory note to Mr Tang, Dr Stanley Lai, SC, Chairman of IPOS, said, "On behalf of the IPOS Board of Directors, I am pleased to extend felicitations to IPOS CE Daren Tang and all Ministries and agencies that contributed so effectively to the whole-of-government effort that made this historic milestone possible.

Daren's election by WIPO member states demonstrates the significant esteem that countries hold for Singapore and our commitment to effective protection and enforcement of intellectual property rights, in support of innovation, research and enterprise. It is a veritable achievement of great consequence, for which Team Singapore should be most proud." #TeamSingapore!

WIPO'S 5TH DIRECTOR GENERAL OFFICIALLY APPOINTED DURING WIPO GA

Mr Tang was officially appointed as the next Director General of WIPO. Mr Tang's six-year term will begin on 1 Oct 2020, and he will relinquish his position as Chief Executive of IPOS. This marks the first time a Singaporean will helm a UN agency.

In response to travel restrictions due to the COVID-19 situation, member states confirmed the nomination via silent procedure. In a specially-recorded acceptance video, Mr Tang thanked member states and paid tribute to outgoing DG Dr Francis Gurry.

He also called on members to continue building consensus and cooperation in the next chapter of WIPO, and outlined **his plans for a more inclusive, balanced and forward-looking IP ecosystem** that will benefit all nations:



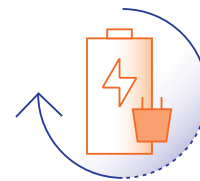
More support to developing countries and least developed countries;



Working with IP offices to support stakeholders including artists, creators, start-ups, and SMEs;



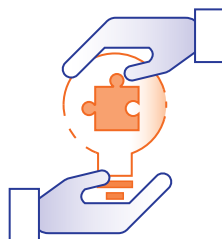
Optimising WIPO's international registration systems;



Re-energising WIPO's normative agenda;



Broadening the perspective of IP beyond its legal and technical aspects to its role in connecting innovators and artists to markets and communities;



Partnering various international organisations on solutions to global challenges such as sustainable development, climate change, public health, access to information and knowledge; and



Building a culture of strong governance, diversity, mutual respect, passion, effectiveness, and financial prudence within the organisation.

ACCOLADES AND RANKINGS

Singapore is recognised for its progressive regime and pro-enterprise approach that aims to grow innovation ecosystems both locally and abroad.

MIP 50 MOST INFLUENTIAL



IPOS CE Mr Daren Tang was recognised by leading IP trade publication, Managing IP, to be amongst the 50 Most Influential People in IP. Under his leadership, IPOS developed and deepened steadfast collaborations with other ASEAN IP Offices. The partnerships focus on boosting innovation in the ASEAN region by prioritising patent applications in emerging technologies. The illustrious list also featured fellow heads of IP offices from Africa, Australia, Brazil, Canada, United States of America, and United Nations-backed public health organisation, Medicines Patent Pool.

OUR GLOBAL RANKINGS

The Republic continues to do well across various indices that measures varied factors such as the strength of a country's IP and physical rights regime to innovation performance. These international surveys and rankings establish Singapore as the choice innovation partner for both public and private-sector with its trustworthy and world-class financial, legal, and enterprise infrastructure.

1ST

GLOBALLY
WORLD ECONOMIC FORUM
GLOBAL COMPETITIVENESS
REPORT 2019



TOP IN ASIA

8th GLOBALLY
GLOBAL INNOVATION
INDEX 2020



TOP IN ASIA

4th GLOBALLY
INTERNATIONAL PROPERTY
RIGHTS INDEX 2019





STATISTICS

CY2019

|||||
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SINGAPORE'S TRADEMARK LANDSCAPE IN 2019



TOP 5 LOCAL FILERS

- 1 MEDIACORP PTE. LTD
- 2 GRABTAXI HOLDINGS PTE. LTD.
- 3 WELLESLEY INVESTMENTS PTE. LTD.
- 4 HI-BEAU INTERNATIONAL PTE. LTD.
- 5 TEMASEK HOLDINGS (PRIVATE) LIMITED

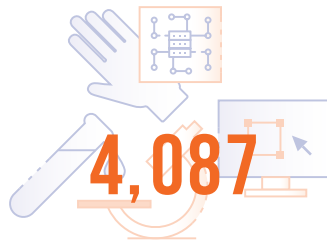
TOP 5 CLASSES



Scientific, nautical, surveying, photographic, cinematographic etc



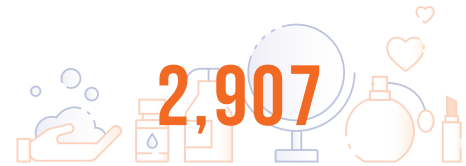
Advertising; business management; business administration; office functions



Scientific and technological services and research and design relating thereto etc

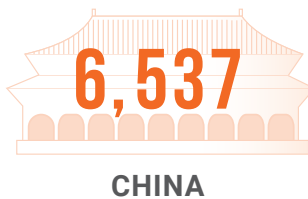


Education; providing of training; entertainment; sporting and cultural activities

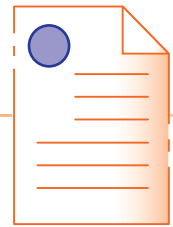


Cleaning preparations, soaps, perfumery, essential oils, cosmetics etc

TOP 5 COUNTRIES



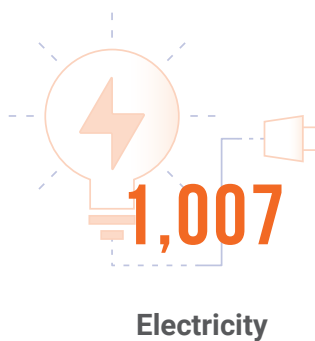
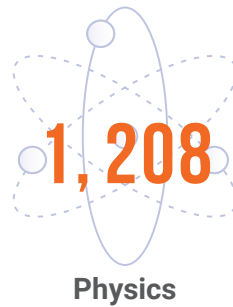
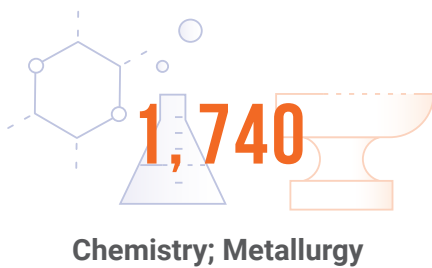
SINGAPORE'S PATENT LANDSCAPE IN 2019



TOP 5 LOCAL FILERS

- 1 AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH
- 2 NATIONAL UNIVERSITY OF SINGAPORE
- 3 NANYANG TECHNOLOGICAL UNIVERSITY
- 4 SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN
- 5 RAZER (ASIA-PACIFIC) PTE. LTD.

TOP 5 CLASSES

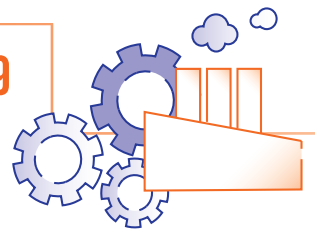


TOP 5 COUNTRIES



CONTENTS NAVIGATION

SINGAPORE'S INDUSTRIAL DESIGN LANDSCAPE IN 2019



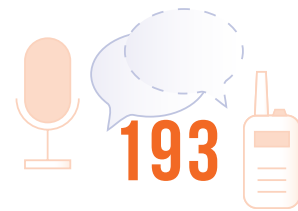
TOP 5 LOCAL FILERS

- | | |
|--|---|
| <p>1 SK JEWELLERY PTE. LTD.</p> <p>2 ASPIAL-LEE HWA JEWELLERY SINGAPORE PTE. LTD.</p> <p>3 RAZER (ASIA-PACIFIC) PTE. LTD.</p> | <p>4 1) REC SOLAR PTE. LTD.
2) WOHA PTE. LTD.
3) KINDU PACKING PTE. LTD.</p> <p>5 PLAYPOINT (SINGAPORE) PTE. LTD.</p> |
|--|---|

TOP 5 CLASSES



Articles of adornment

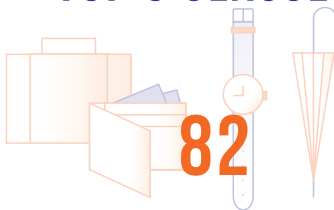


Recording, communication or information retrieval equipment



Packages and containers for the transport or handling of goods

TOP 5 CLASSES

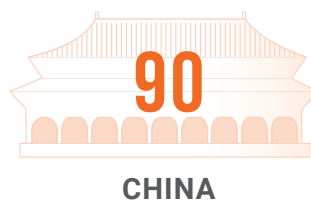


- Furnishing
- Travel goods, cases, parasols and personal belongings, not elsewhere specified



- Fluid distribution equipment, sanitary heating, ventilation and air-conditioning equipment, solid fuel
- Medical and laboratory equipment

TOP 5 COUNTRIES



APPLICATIONS AND REGISTRATIONS

		APPLICATIONS		REGISTRATIONS	
		2018	2019	2018	2019
TRADE MARKS	Total (Classes)	51,698	55,380	41,204	56,243
	Local	11,512	11,122	8,526	11,240
	Foreign	40,186	44,258	32,678	45,003
	National	27,028	27,281	20,780	27,091
	Applications filed under Madrid Protocol	24,670	28,099	20,424	29,152
PATENTS	Total (Applications)	11,845	14,136	5,172	4,188
	Local	1,575	1,727	312	264
	Foreign	10,270	12,409	4,860	3,924
	National	4,105	5,222	1,139	1,052
	PCT applications entering National Phase	7,740	8,914	4,033	3,136
INDUSTRIAL DESIGNS	Total (No. of designs)	1,252	1,410	1,129	1,509
	Local	336	365	342	357
	Foreign	916	1,045	787	1,152
GEOGRAPHICAL INDICATIONS	Total	0	142	0	139
	Local	0	0	0	0
	Foreign	0	142	0	139

Note:

- 1) Local or foreign is determined based on the first named applicant.
- 2) Hague applications for Industrial Designs were omitted due to incomplete data at WIPO.
- 3) The Registry of Geographical Indications commenced operations on 1 April 2019.

INTERNATIONAL APPLICATIONS FILED THROUGH SINGAPORE

	2018	2019
Trade Mark international applications filed through Singapore as the office of origin ¹	1,444	1,527
PCT international applications filed through Singapore as the receiving office	654	654
Industrial Design international applications filed through Singapore	0	0

REGISTRATIONS IN FORCE IN SINGAPORE

	2018	2019
Trade Marks	460,416	504,999
Patents ²	45,583	47,310
Industrial Designs	14,142	14,245
Geographical Indications	0	139

RENEWALS FILED IN SINGAPORE

	2018	2019
Trade Marks	21,709	22,163
Patents	45,880	44,799
Industrial Designs	1,342	953

TOP 10 FILERS OF APPLICATIONS IN SINGAPORE IN 2019

TRADE MARKS

RANK	OVERALL FILERS	NUMBER	LOCAL FILERS	NUMBER
1	HUAWEI TECHNOLOGIES CO., LTD. CN	401	MEDIACORP PTE. LTD.	92
2	AMAZON TECHNOLOGIES, INC. US	183	GRABTAXI HOLDINGS PTE. LTD.	75
3	EURO GAMES TECHNOLOGY LTD. BG	154	WELLESLEY INVESTMENTS PTE. LTD.	72
4	NINTENDO CO., LTD. JP	150	HI-BEAU INTERNATIONAL PTE. LTD.	68
5	TARGET BRANDS, INC. US	139	TEMASEK HOLDINGS (PRIVATE) LIMITED	54
6	INNER MONGOLIA YILI INDUSTRIAL GROUP CO.,LTD. CN	135	HABBY PTE. LTD.	49
7	KAO KABUSHIKI KAISHA (ALSO TRADING AS KAO CORPORATION) JP	126	SINGAPORE MANAGEMENT UNIVERSITY	44
8	APPLE INC. US	124	FAR EAST ORGANISATION CENTRE PTE. LTD.	43
9	GALAXY ENTERTAINMENT LICENSING LIMITED VG	105	SATS LTD.	40
10	ACER INCORPORATED TW	97	LEONIAN SINGAPORE PTE. LTD.	35

Numbers are in Class Counts.

TOP 10 FILERS OF APPLICATIONS IN SINGAPORE IN 2019

PATENTS

RANK	OVERALL FILERS	NUMBER	LOCAL FILERS	NUMBER
1	ALIBABA GROUP HOLDING LIMITED KY	455	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH	304
2	QUALCOMM INCORPORATED. US	322	NATIONAL UNIVERSITY OF SINGAPORE	233
3	1) AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH SG 2) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD. CN	304	NANYANG TECHNOLOGICAL UNIVERSITY	152
4	NATIONAL UNIVERSITY OF SINGAPORE SG	233	SINGAPORE UNIVERSITY OF TECHNOLOGY AND DESIGN	82
5	ANGEL PLAYING CARDS CO., LTD. US	207	RAZER (ASIA-PACIFIC) PTE. LTD.	36
6	NANYANG TECHNOLOGICAL UNIVERSITY SG	152	SINGAPORE HEALTH SERVICES PTE. LTD.	27
7	SAUDI ARABIAN OIL COMPANY SA	117	DELTA ELECTRONICS INT'L (SINGAPORE) PTE LTD	23
8	SAMSUNG ELECTRONICS CO., LTD. KR	114	MASTERCARD ASIA/PACIFIC PTE. LTD.	18
9	ILLUMINA, INC. US	110	SENSETIME INTERNATIONAL PTE. LTD.	17
10	DISCO CORPORATION JP	94	PEP INNOVATION PTE. LTD.	14

Numbers are in Application Counts

TOP 10 FILERS OF APPLICATIONS IN SINGAPORE IN 2019

INDUSTRIAL DESIGN

RANK	OVERALL FILERS	NUMBER	LOCAL FILERS	NUMBER
1	APPLE INC. US	89	SK JEWELLERY PTE. LTD. SG	72
2	SK JEWELLERY PTE. LTD. SG	72	ASPIAL-LEE HWA JEWELLERY SINGAPORE PTE. LTD. SG	41
3	ASPIAL-LEE HWA JEWELLERY SINGAPORE PTE. LTD. SG	41	RAZER (ASIA-PACIFIC) PTE. LTD.	14
4	VISA INTERNATIONAL SERVICE ASSOCIATION US	39	1) REC SOLAR PTE. LTD. 2) WOHA PTE. LTD. 3) KINDU PACKING PTE. LTD.	12
5	1) CARTIER INTERNATIONAL AG CH 2) LOUIS VUITTON MALLETTIER FR	34	PLAYPOINT (SINGAPORE) PTE LTD	8
6	ALIBABA GROUP HOLDING LIMITED KY	27	1) LOVE & CO. PTE. LTD. 2) IGLOOHOME PTE. LTD.	7
7	1) MESO SCALE TECHNOLOGIES, LLC. US 2) KT&G CORPORATION KR	22	1) SENSETIME INTERNATIONAL PTE. LTD. 2) BACHA COFFEE PTE. LTD.	6
8	ESSITY HYIGENE AND HEALTH AKTIEBOLAG SE	21	1) GTS ASIA MARKETING PTE. LTD. 2) CELCEM PTE LTD 3) LIONSBOT INTERNATIONAL PTE. LTD.	5
9	WORLD WIDE DAILY HOLDINGS COMPANY LIMITED HK	20	1) XMI PTE. LTD. 2) IEC LIGHTING PTE. LTD. 3) GLOBAL ENGINEERS INVESTMENT SINGAPORE PTE. LTD. 4) ACTMEDIA SINGAPORE PTE LTD	4
10	DEKA PRODUCTS LIMITED PARTNERSHIP US	15		

Numbers are in Design Counts

Note: Only filers with more than 3 designs are included.

APPLICATIONS AND REGISTRATIONS IN 2019 ACCORDING TO COUNTRY OF APPLICANT

COUNTRY / ECONOMY	TRADE MARKS				PATENTS				INDUSTRIAL DESIGNS		GEOGRAPHICAL INDICATIONS	
	APPLICATIONS		REGISTRATIONS		APPLICATIONS		REGISTRATIONS		APPLICATIONS	REGISTRATIONS	APPLICATIONS	REGISTRATIONS
	NATIONAL	MADRID	NATIONAL	MADRID	NATIONAL	PCT	NATIONAL	PCT	NATIONAL	NATIONAL	NATIONAL	NATIONAL
Albania	3	0	0	0	0	0	0	0	0	0	0	0
Algeria	0	0	1	0	0	0	0	0	0	0	0	0
Andorra	0	0	0	0	0	2	0	0	0	0	0	0
Angola	0	0	0	0	0	0	0	0	0	0	0	0
Anguilla	0	0	0	0	0	0	0	0	1	0	0	0
Antarctica	0	0	0	0	1	0	0	0	0	0	0	0
Antigua and Barbuda	0	1	5	0	0	28	0	2	0	0	0	0
Argentina	2	2	6	1	0	1	0	0	0	0	0	0
Armenia	6	0	0	6	0	0	0	0	0	0	0	0
Aruba	0	0	0	0	0	0	0	0	0	0	0	0
Australia	1,168	270	257	1,590	36	164	16	49	26	41	0	0
Austria	216	22	6	190	28	61	12	36	0	0	2	2
Azerbaijan	1	0	0	3	0	0	0	0	0	0	0	0
Bahamas	0	7	29	0	0	0	1	0	0	0	0	0
Bahrain	0	2	3	0	0	0	0	0	0	0	0	0
Bangladesh	0	0	3	0	0	0	0	0	0	0	0	0
Barbados	1	8	20	0	2	0	1	0	0	0	0	0
Belarus	21	0	0	10	0	0	0	0	0	0	0	0
Belgium	52	6	14	73	15	84	7	30	0	0	0	0
Belize	0	0	1	0	2	1	0	1	0	0	0	0
Benelux	321	0	0	447	0	0	0	0	1	1	0	0
Bermuda	0	11	18	2	2	0	0	2	0	0	0	0
Bolivia	0	0	0	0	0	0	0	0	0	0	0	0
Botswana	0	0	0	0	0	0	0	0	0	0	0	0
Bosnia and Herzegovina	0	0	0	0	0	0	0	0	0	0	0	0
Brazil	0	34	25	0	2	7	0	5	0	0	0	0
British Indian Ocean Territories	0	1	1	0							0	0
British West Indies	0	0	0	0	0	0	0	0	0	0	0	0
Brunei Darussalam	11	1	3	2	0	1	0	0	0	0	0	0
Bulgaria	173	0	0	44	0	0	0	0	0	0	0	0

APPLICATIONS AND REGISTRATIONS IN 2019 ACCORDING TO COUNTRY OF APPLICANT (CONTINUED)

COUNTRY / ECONOMY	TRADE MARKS				PATENTS				INDUSTRIAL DESIGNS		GEOGRAPHICAL INDICATIONS	
	APPLICATIONS		REGISTRATIONS		APPLICATIONS		REGISTRATIONS		APPLICATIONS	REGISTRATIONS	APPLICATIONS	REGISTRATIONS
	NATIONAL	MADRID	NATIONAL	MADRID	NATIONAL	PCT	NATIONAL	PCT	NATIONAL	NATIONAL	NATIONAL	NATIONAL
Cambodia	3	5	0	1	0	0	0	0	0	0	0	0
Canada	71	226	223	36	36	87	4	36	6	6	0	0
Cayman Islands	48	366	613	32	79	414	8	42	34	38	0	0
Chad	0	0	0	0	0	0	0	0	0	0	0	0
Chile	0	7	12	0	0	0	0	0	0	0	0	0
China	3,628	2,909	2,775	3,214	194	906	34	193	90	99	0	0
Colombia	2	2	2	6	0	0	0	0	0	0	0	0
Costa Rica	0	8	9	0	0	0	0	0	0	0	0	0
Côte D'Ivoire	0	0	0	0	0	0	0	0	0	0	0	0
Croatia	1	0	2	5	0	0	0	0	0	0	0	0
Cuba	1	1	0	0	0	1	0	0	0	0	0	0
Curacao	1	0	0	6	0	0	0	0	0	0	0	0
Cyprus	66	4	7	51	6	4	0	4	0	0	2	2
Czech Republic	140	0	0	56	0	5	1	4	0	0	3	3
Democratic People's Republic of Korea	0	0	0	0	0	1	0	0	0	0	0	0
Democratic Republic of the Congo	0	0	0	0	0	0	0	0	0	0	0	0
Denmark	203	73	21	257	22	61	1	13	2	1	1	1
Dominica	0	0	0	0	0	0	0	0	0	0	0	0
Dominican Republic	0	0	0	0	0	0	0	0	0	0	0	0
Ecuador	0	0	0	0	0	0	0	0	0	0	0	0
Egypt	2	0	1	5	0	0	0	0	0	0	0	0
Estonia	36	0	0	49	2	2	0	0	0	0	0	0
Ethiopia	0	0	0	0	0	0	0	0	0	0	0	0
European Union	1,108	0	0	927	0	0	0	0	0	0	0	0
Fiji	0	0	0	0	0	0	0	0	0	0	0	0
Finland	187	19	17	17	9	63	6	16	2	2	2	2
France	2,067	139	223	2,103	82	255	32	121	56	58	36	36

APPLICATIONS AND REGISTRATIONS IN 2019 ACCORDING TO COUNTRY OF APPLICANT (CONTINUED)

COUNTRY / ECONOMY	TRADE MARKS				PATENTS				INDUSTRIAL DESIGNS		GEOGRAPHICAL INDICATIONS	
	APPLICATIONS		REGISTRATIONS		APPLICATIONS		REGISTRATIONS		APPLICATIONS	REGISTRATIONS	APPLICATIONS	REGISTRATIONS
	NATIONAL	MADRID	NATIONAL	MADRID	NATIONAL	PCT	NATIONAL	PCT	NATIONAL	NATIONAL	NATIONAL	NATIONAL
Georgia	3	4	2	6	0	0	0	1	0	0	0	0
Germany	2,634	156	154	3,022	175	379	51	165	10	10	7	6
Ghana	0	0	0	0	0	0	0	0	0	0	0	0
Gibraltar	0	8	4	1	1	0	0	0	0	0	0	0
Greece	16	13	3	27	0	0	1	1	0	0	4	4
Guernsey	1	4	8	0	0	0	0	0	0	0	0	0
Guatemala	0	0	0	0	0	0	0	0	0	0	0	0
Guinea	25	0	0	0	0	0	0	0	0	0	0	0
Guyana	0	0	0	0	0	0	0	0	0	0	0	0
Holy See	0	0	0	0	0	0	0	0	0	0	0	0
Hong Kong SAR	27	1,196	1,320	18	15	2	7	0	22	30	0	0
Hungary	20	0	5	33	0	6	0	1	0	0	4	4
Iceland	11	0	0	13	0	0	0	0	0	0		
India	113	250	193	121	24	64	8	14	8	7	0	0
Indonesia	30	110	161	14	2	0	0	0	0	0	0	0
Iran (Islamic Republic of)	7	0	0	5	0	0	0	0	0	0	0	0
Iraq	0	0	0	0	0	0	0	0	0	0	0	0
Ireland	117	31	48	120	32	23	14	7	1	1	2	2
Isle of Man	3	19	18	3	0	0	0	0	0	0	0	0
Israel	106	27	17	117	40	82	11	21	2	2	0	0
Italy	1,070	81	60	1,320	18	64	9	35	22	23	40	39
Jamaica	0	0	0	0	0	0	0	0	0	0	0	0
Japan	3,222	1,986	1,880	3,177	754	1,361	211	636	178	192	1	0
Jersey	32	6	30	19	1	0	0	0	0	0	0	0
Jordan	0	0	2	0	0	0	1	0	0	0	0	0
Kazakhstan	5	0	0	5	0	0	0	0	0	0	0	0
Kenya	0	0	0	0	0	0	0	1	0	0	0	0
Kyrgyzstan	0	0	0	0	0	0	0	0	0	0	0	0
Kuwait	0	0	9	0	0	0	0	0	0	0	0	0
Lao People's Democratic Republic	1	0	0	1	0	0	0	0	0	0	0	0
Latvia	15	0	0	24	0	1	0	0	0	0	0	0

APPLICATIONS AND REGISTRATIONS IN 2019 ACCORDING TO COUNTRY OF APPLICANT (CONTINUED)

COUNTRY / ECONOMY	TRADE MARKS				PATENTS				INDUSTRIAL DESIGNS		GEOGRAPHICAL INDICATIONS	
	APPLICATIONS		REGISTRATIONS		APPLICATIONS		REGISTRATIONS		APPLICATIONS	REGISTRATIONS	APPLICATIONS	REGISTRATIONS
	NATIONAL	MADRID	NATIONAL	MADRID	NATIONAL	PCT	NATIONAL	PCT	NATIONAL	NATIONAL	NATIONAL	NATIONAL
Lebanon	0	2	4	5	0	0	0	0	0	0	0	0
Liberia	14	0	0	15	0	0	0	0	0	0	0	0
Liechtenstein	58	17	39	121	0	6	0	6	0	0	0	0
Lithuania	11	0	0	38	0	0	0	0	0	0	0	0
Luxembourg	78	28	29	115	12	16	2	9	2	2	0	0
Macau SAR	0	9	16	0	1	1	0	0	0	0	0	0
Macedonia, the Former Yugoslav Republic of	0	0	0	5	0	0	0	0	0	0	0	0
Madagascar	0	0	0	0	0	0	0	0	0	0	0	0
Malaysia	10	704	593	17	13	19	8	14	14	14	0	0
Maldives	0	0	0	0	0	0	0	0	0	0	0	0
Mali	0	0	0	0	0	0	0	0	0	0	0	0
Malta	36	7	7	23	0	2	0	1	0	0	0	0
Marshall Islands	0	1	5	0	1	0	0	0	0	0	0	0
Mauritius	1	0	13	0	0	0	0	0	0	0	0	0
Mexico	5	34	21	23	1	10	0	3	0	0	0	0
Monaco	9	0	0	26	0	0	0	1	0	0	0	0
Mongolia	0	1	0	5	0	0	0	0	0	0	0	0
Montenegro	0	0	0	0	0	0	0	0	0	0	0	0
Morocco	24	0	0	9	0	1	0	0	0	0	0	0
Mozambique ¹	0	0	0	0	0	0	0	0	0	0	0	0
Myanmar	0	0	4	0	0	0	0	0	0	0	0	0
Nepal	0	3	0	0	1	0	0	0	0	0	0	0
Netherlands	188	101	69	374	32	115	7	56	3	3	0	0
Netherlands Antilles	0	0	0	0	0	0	0	0	0	0	0	0
New Caledonia	0	0	0	0	0	0	0	1	0	0	0	0
New Zealand	170	65	59	231	39	33	2	5	17	17	0	0
Nigeria	0	0	0	0	0	0	0	0	0	0	0	0
Northern Mariana Islands	0	0	0	0	0	0	0	0	0	0	0	0
Norway	190	9	6	176	21	30	13	21	1	1	0	0

APPLICATIONS AND REGISTRATIONS IN 2019 ACCORDING TO COUNTRY OF APPLICANT (CONTINUED)

COUNTRY / ECONOMY	TRADE MARKS				PATENTS				INDUSTRIAL DESIGNS		GEOGRAPHICAL INDICATIONS	
	APPLICATIONS		REGISTRATIONS		APPLICATIONS		REGISTRATIONS		APPLICATIONS	REGISTRATIONS	APPLICATIONS	REGISTRATIONS
	NATIONAL	MADRID	NATIONAL	MADRID	NATIONAL	PCT	NATIONAL	PCT	NATIONAL	NATIONAL	NATIONAL	NATIONAL
Oman	0	4	13	1	0	0	0	0	0	0	0	0
Pakistan	0	8	2	0	2	0	0	0	0	0	0	0
Panama	0	1	0	1	0	1	0	0	0	0	0	0
Papua New Guinea	0	0	5	0	0	0	0	0	0	0	0	0
Paraguay	0	0	0	0	0	0	0	0	0	0	0	0
Peru	0	0	2	0	1	0	0	0	0	0	0	0
Philippines	41	48	37	46	1	2	0	1	0	0	0	0
Poland	60	10	7	72	0	3	0	0	0	0	1	1
Portugal	33	3	13	58	1	5	1	3	0	0	6	6
Puerto Rico	0	2	0	1	0	0	0	0	0	0	0	0
Qatar	0	20	19	0	0	0	0	1	0	0	0	0
Republic of Korea	867	822	887	886	211	233	73	59	77	96	0	0
Republic of Moldova	2	0	0	0	0	0	0	0	0	0	0	0
Romania	53	0	5	35	0	1	0	0	0	0	3	3
Russian Federation	283	1	13	294	11	13	0	0	0	0	0	0
Rwanda	9	0	0	0	0	0	0	0	0	0	0	0
Saint Kitts and Nevis	14	0	1	0	0	1	0	0	0	0	0	0
Saint Lucia	0	0	0	0	0	0	0	0	0	0	0	0
Saint Vincent and The Grenadines	0	0	0	0	0	0	0	0	0	0	0	0
Samoa	0	29	7	0	0	1	0	0	0	0	0	0
San Marino	0	2	0	7	0	1	0	0	0	0	0	0
Sao Tome and Principe	0	0	0	0	0	0	0	0	0	0	0	0
Saudi Arabia	0	18	44	0	25	99	1	39	0	0	0	0
Serbia	15	0	0	3	0	0	0	0	0	0	0	0
Sierra Leone	0	0	0	0	0	0	0	0	0	0	0	0
Seychelles	0	23	14	0	0	0	0	1	0	0	0	0
Singapore	51	11,071	11,142	98	1,364	363	135	129	366	357	0	0
Sint Maarten (Dutch Part)	0	0	0	0	0	0	0	0	0	0	0	0
Slovakia	22	0	0	4	1	0	0	0	0	0	0	0
Slovenia	13	0	0	12	0	2	0	1	0	0	0	0
South Africa	0	23	50	0	3	3	0	3	1	1	0	0

APPLICATIONS AND REGISTRATIONS IN 2019 ACCORDING TO COUNTRY OF APPLICANT (CONTINUED)

COUNTRY / ECONOMY	TRADE MARKS				PATENTS				INDUSTRIAL DESIGNS		GEOGRAPHICAL INDICATIONS	
	APPLICATIONS		REGISTRATIONS		APPLICATIONS		REGISTRATIONS		APPLICATIONS	REGISTRATIONS	APPLICATIONS	REGISTRATIONS
	NATIONAL	MADRID	NATIONAL	MADRID	NATIONAL	PCT	NATIONAL	PCT	NATIONAL	NATIONAL	NATIONAL	NATIONAL
Spain	325	31	30	350	9	19	3	7	2	3	26	26
Sri Lanka	1	10	13	0	6	0	0	0	2	2	0	0
Suriname	0	1	3	0	0	0	0	0	0	0	0	0
Sweden	317	34	24	403	12	90	6	29	28	33	1	1
Switzerland	1,848	210	177	1,828	98	329	24	171	37	37	0	0
Syrian Arab Republic	0	1	2	1	0	0	0	0	0	0	0	0
Taiwan	0	780	751	2	106	12	35	7	11	12	0	0
Tanzania, United Republic of	0	0	0	0	0	0	0	0	0	0	0	0
Thailand	85	211	239	45	20	20	3	11	5	5	0	0
Timor-Leste	0	1	5	0	0	0	0	0	0	0	0	0
Trinidad and Tobago	0	0	0	0	0	0	0	0	0	0	0	0
Tunisia	4	0	0	4	0	0	0	0	0	0	0	0
Turkey	139	8	11	202	0	2	0	1	0	0	0	0
Turkmenistan	0	0	0	0	0	0	0	0	0	0	0	0
Turks and Caicos Islands	0	0	0	0	0	0	0	0	0	0	0	0
Uganda	0	0	0	0	0	0	0	0	0	0	0	0
Ukraine	44	0	0	36	0	2	0	0	0	0	0	0
United Arab Emirates	2	107	83	4	0	5	0	6	0	0	0	0
United Kingdom	1,825	524	506	1,875	144	275	30	128	37	37	1	1
United States Minor Outlying Islands	0	0	0	0	0	0	0	0	0	0	0	0
United States of America	4,055	3,721	3,552	4,125	1,498	3,066	271	981	341	364	0	0
Uruguay	0	2	2	0	1	0	0	0	0	0	0	0
Uzbekistan	0	0	0	0	0	1	0	0	0	0	0	0
Vanuatu	0	0	0	0	0	0	0	0	0	0	0	0
Venezuela	0	0	0	0	0	0	0	0	0	0	0	0
Viet Nam	181	63	27	128	0	0	0	0	0	0	0	0
Virgin Islands, British	19	496	329	23	7	2	2	5	9	9	0	0
Virgin Islands, U.S.	0	0	0	0	0	0	0	0	0	0	0	0
Yemen	0	0	0	0	0	0	0	0	0	0	0	0

TRADE MARK APPLICATIONS (BY CLASSES) IN 2019 ACCORDING TO THE NICE CLASSIFICATION

CLASS	GOODS & SERVICES	NUMBER
1	Chemicals used in industry etc	714
2	Paints, varnishes, lacquers etc	225
3	Cleaning preparations, soaps, perfumery, essential oils, cosmetics etc	2,907
4	Industrial oils and greases, lubricants etc	353
5	Pharmaceutical and veterinary preparations etc	2,410
6	Common metals and their alloys etc	602
7	Machines and machine tools etc	1,210
8	Hand tools and implements (hand-operated); cutlery; side arms; razors	324
9	Scientific, nautical, surveying, photographic, cinematographic etc	6,484
10	Surgical, medical, dental and veterinary apparatus and instruments, artificial limbs etc	997
11	Apparatus for lighting, heating, steam generating, cooking, etc	1,089
12	Vehicles; apparatus for locomotion by land, air or water	817
13	Firearms; ammunition and projectiles; explosives; fireworks	37
14	Precious metals and their alloys etc	800
15	Musical instruments	55
16	Paper, cardboard etc	1,329
17	Rubber, gutta-percha, gum, asbestos, mica etc	344
18	Leather and imitations of leather etc	1,105
19	Building materials (non-metallic); non-metallic rigid pipes for building etc	384
20	Furniture, mirrors, picture frames etc	674
21	Household or kitchen utensils and containers etc	880
22	Ropes, string, nets, tents, awnings, tarpaulins, sails etc	90
23	Yarns and threads, for textile use	36
24	Textiles and textile goods, not included in other classes; bed and table covers etc	414
25	Clothing, footwear, headgear	1,998
26	Lace and embroidery, ribbons and braid; buttons, hooks and eyes etc	117
27	Carpets, rugs, mats and matting, linoleum etc	134
28	Games and playthings; gymnastic and sporting articles etc	992
29	Meat, fish, poultry and game; meat extracts etc	1,465
30	Coffee, tea, cocoa, sugar, rice, tapioca, sago, powder; salt etc	1,881
31	Agricultural, horticultural and forestry products and grains for animals; malt etc	480
32	Beers; mineral and aerated waters and other non-alcoholic drinks etc	857
33	Alcoholic beverages (except beers) etc	692
34	Tobacco; smokers' articles; matches	323
35	Advertising; business management; business administration; office functions	5,363
36	Insurance; financial affairs; monetary affairs; real estate affairs	2,141
37	Building construction; repair; installation services	1,024
38	Telecommunications	1,204
39	Transport; packaging and storage of goods; travel arrangement	896
40	Treatment of materials	449
41	Education; providing of training; entertainment; sporting and cultural activities	3,126
42	Scientific and technological services and research and design relating thereto etc	4,087
43	Services for providing food and drink; temporary accommodation	2,083
44	Medical services; veterinary services; hygienic and beauty care for human beings etc	1,048
45	Legal services; personal and social services rendered by others to meet the needs of individuals etc	740

TOP 10 TRADE MARK CLASSES FILED IN 2019

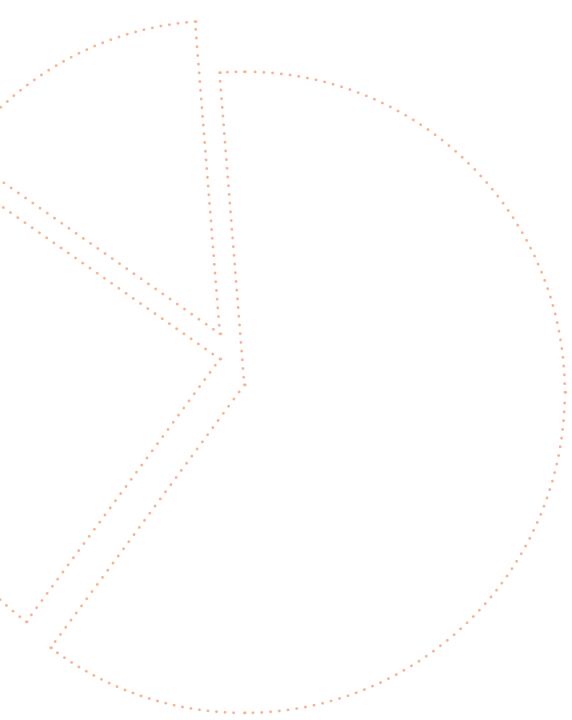
OVERALL FILERS			LOCAL FILERS	
RANK	CLASS	NUMBER	CLASS	NUMBER
1	09	6,484	35	1,446
2	35	8,363	09	971
3	42	4,087	41	970
4	41	3,126	43	929
5	03	2,907	42	788
6	05	2,410	36	563
7	36	2,141	30	503
8	43	2,083	03	439
9	25	1,998	05	402
10	30	1,881	29	372

INDUSTRIAL DESIGN APPLICATIONS (BY DESIGN COUNTS) IN 2019 ACCORDING TO THE LOCARNO CLASSIFICATION

CLASS	GOODS & SERVICES	NUMBER
1	Foodstuffs	10
2	Articles of clothing and haberdashery	20
3	Travel goods, cases, parasols and personal belongings, not elsewhere specified	82
4	Brushware	38
5	Textile Piecegoods, Artificial and Natural Sheet Material	1
6	Furnishing	82
7	Household goods, not elsewhere specified	41
8	Tools and hardware	45
9	Packages and containers for the transport or handling of goods	109
10	Clocks and watches and other measuring instruments, checking and signalling instruments	40
11	Articles of adornment	204
12	Means of transport or hoisting	55
13	Equipment for production, distribution or transformation of electricity	43
14	Recording, communication or information retrieval equipment	193
15	Machines, not elsewhere specified	36
16	Photographic, cinematographic and optical apparatus	5
17	Musical instruments	2
18	Printing and office machinery	3
19	Stationery and Office equipment, artists and teaching materials	55
20	Sales and advertising equipment, signs	57
21	Games, toys, tents and sports goods	30
22	Arms, pyrotechnic articles, articles for hunting, fishing and pest killing	4
23	Fluid distribution equipment, sanitary heating, ventilation and air-conditioning equipment, solid fuel	69
24	Medical and laboratory equipment	69
25	Building units and construction elements	21
26	Lighting apparatus	16
27	Tobacco and smokers' supplies	23
28	Pharmaceutical and cosmetic products, toilet articles and apparatus	46
29	Devices and equipment against fire hazards, for accident prevention and for rescue	6
30	Articles for the care and handling of animals	0
31	Machines and appliances for preparing food or drink, not elsewhere specified	4
99	Miscellaneous	1
<i>Note: Possible for an Industrial Design application to have more than one class</i>		1,410

TOP 10 INDUSTRIAL DESIGN CLASSES FILED IN 2019

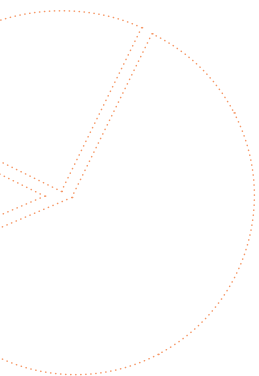
OVERALL FILERS			LOCAL FILERS	
RANK	CLASS	NUMBER	CLASS	NUMBER
1	11	204	11	127
2	14	193	14	37
3	9	109	6	34
4	03 & 06	82	8	19
5	23 & 24	69	3	17
6	20	57	9	16
7	12 & 19	55	13	13
8	28	46	4	12
9	08	45	12	11
10	13	43	7	9



PATENTS GRANTED IN 2019 ACCORDING TO THE INTERNATIONAL PATENT CLASSIFICATION

CLASS	FIELD OF INVENTION	NUMBER
A	Human Necessities	1,273
B	Performing Operations; Transporting	920
C	Chemistry; Metallurgy	1,740
D	Textiles; Paper	26
E	Fixed Constructions	223
F	Mechanical Engineering; Lighting; Heating; Weapons	322
G	Physics	1,208
H	Electricity	1,007

Note: Possible for a patent application to have more than one classification.



GEOGRAPHICAL INDICATIONS APPLICATIONS (BY CATEGORY OF GOODS) IN 2019

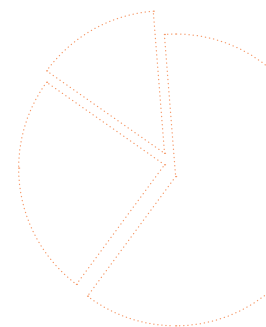
CATEGORY OF GOODS	NUMBER
Wines	70
Spirits	19
Beers	4
Cheese	20
Meat and meat products	12
Seafood	1
Edible oils	3
Non-edible oils	1
Fruits	5
Vegetables	0
Spices and condiments	3
Confectionery and baked goods	3
Flowers and parts of flowers	0
Natural gum	1
	142

INTELLECTUAL PROPERTY DISPUTES FILED WITH IPOS

		2018	2019
TRADE MARKS (BY CLASS)	Intended Oppositions	407	626
	Oppositions	310	403
	Percentage of TM oppositions to TM published	0.71%	0.69%
	Invalidations/Revocations/Rectifications	86	96
PATENTS	Revocations	2	1
	Others ¹	1	1
INDUSTRIAL DESIGNS	Revocations	0	0
GEOGRAPHICAL INDICATIONS	Oppositions to registration	-	6
	Others ²	-	2

¹ 'Others' include cases such as Patent Entitlement or Opposition to Inventorship.

² 'Others' include cases such as Opposition to Qualification of Rights.



IPOS HEARINGS IN 2019

	TRADE MARKS (BY CLASS)	PATENTS	INDUSTRIAL DESIGNS	GEOGRAPHICAL INDICATIONS	
CASE MANAGEMENT CONFERENCES	115	3	0	0	
PRE-HEARING REVIEWS	59	0	0	0	
INTERLOCUTORY HEARINGS	4	0	0	4	
TAXATION HEARINGS	7	0	0	0	
EX PARTE HEARINGS	1	0	0	0	
INTER PARTES HEARINGS	Oppositions	19	0	-	0
	Invalidations	7	-	-	-
	Revocations	2	0	0	-
APPEALS TO THE HIGH COURT / COURT OF APPEAL	11	0	0	0	

CONTENTS NAVIGATION

IPOS HEARINGS IN 2019

	APPLICATION SUCCESSFUL				APPLICATION UNSUCCESSFUL			
	TRADE MARKS (BY CLASS)	PATENTS	INDUSTRIAL DESIGNS	GEOGRAPHICAL INDICATIONS	TRADE MARKS (BY CLASS)	PATENTS	INDUSTRIAL DESIGNS	GEOGRAPHICAL INDICATIONS
EX PARTE HEARINGS	0	0	0	0	1	0	0	0
	ACTION SUCCESSFUL				ACTION UNSUCCESSFUL			
	TRADE MARKS (BY CLASS)	PATENTS	INDUSTRIAL DESIGNS	GEOGRAPHICAL INDICATIONS	TRADE MARKS (BY CLASS)	PATENTS	INDUSTRIAL DESIGNS	GEOGRAPHICAL INDICATIONS
INTER PARTES HEARINGS								
Oppositions	3	1	-	0	12	0	-	0
Invalidations	7	-	-	-	2	-	-	-
Revocations	1	0	0	-	1	0	0	-

HIGH COURT / COURT OF APPEAL OUTCOME IN 2019

	IPOS DECISION UPHELD				IPOS DECISION OVERTURNED			
	TRADE MARKS (BY CLASS)	PATENTS	INDUSTRIAL DESIGNS	GEOGRAPHICAL INDICATIONS	TRADE MARKS (BY CLASS)	PATENTS	INDUSTRIAL DESIGNS	GEOGRAPHICAL INDICATIONS
EX PARTE HEARINGS	0	0	0	0	0	0	0	0
INTER PARTES HEARINGS								
Oppositions	7	0	-	0	1	0	-	0
Invalidations	3	-	-	-	0	-	-	-
Revocations	0	0	0	-	0	0	0	-



INTELLECTUAL PROPERTY
OFFICE OF SINGAPORE

