

**Intellectual Property is
the driving force behind
the 4th Industrial Revolution**

Prologue

Innovation

KIPO fosters IP innovation through fast patent examination service and reliable quality

Creative ideas have the power to change the world. KIPO continues to provide innovative, timely, and accurate IP examination services to ensure that ideas are adequately protected as IP.



Premium Examination Services

We aim to provide high-quality and customer-oriented examination services by improving examination systems, raising the overall quality of each of our IP administration processes (the application, examination and registration stages), and reducing first action pendency.

We offer customized examination services with our three-track patent and utility model examination system, two-track trademark and design examination system, as well as three-track trial system.

The average first office action pendency is as follows:

- Patents and utility models: 13.2 months in 2013 → 11.0 months in 2014 → 10.0 months in 2015 → 10.6 months in 2016 → 10.4 month in 2017
- Trademarks: 7.7 months in 2013 → 6.4 months in 2014 → 4.7 months in 2015 → 4.8 months in 2016 → 5.0 month in 2017
- Designs: 7.3 months in 2013 → 6.5 months in 2014 → 4.4 months in 2015 → 4.7 months in 2016 → 4.9 month in 2017

◀ OLED Tunnel

At the Consumer Electronics Show (CES), the world's largest consumer electronics exhibition, LG Electronics installed the 'OLED Tunnel' using curved OLEDs.

▶ Yangkwon

The Chosun dynasty officials wore this cap with their uniforms on New Year's or national holidays.





Competitiveness

KIPO increases its IP competitiveness by maintaining the highest number of resident patent applications per both GDP and population

In this era of creative economies, IPRs are the core factor of any competent business strategy. KIPO is dedicated to establishing a competitive and rewarding IP system that nurtures IP creation and utilization by transforming novel ideas into strong IPRs.

IP Competitiveness

IP applications

The total preliminary number of IP applications, including patents, utility models, designs, and trademarks, submitted to KIPO in 2017 amounted to 442,670.

Patent applications stood at around 200 in 1949 before jumping to around 5,000 in 1980 and 100,000 in 2000. Over the past 17 years, this number has doubled to more than 200,000.

Patent application competitiveness

According to the World IP Indicator unveiled by WIPO in December 2017, Korea ranked first for 10 consecutive years (since 2007) in regard to the number of resident patent applications per GDP and population.

PCT applications

Korea increased its number of PCT applications by 1.2 percent, from 15,595 in 2016 to 15,790 in 2017, which is the 5th largest amount by country of origin.

◀Hunting Scene(Koguryo Tomb Mural)

It is a mural depicting dynamic hunting of the Koguryo people. Koguryo was in the north of the Korean peninsula from the first century BCE to 668 AD.

▶Helmet

In the Chosun Dynasty, the general put this helmet in order to protect the head from enemy attack.



Prologue

Harmonization

KIPO, in collaboration with key national allies, creates a global community that appropriately values and rewards inventions

International cooperation is critical in order for the stakeholders to easily acquire and protect IPRs. KIPO contributes to the advancement of IP systems as it works to increase the value of IP holdings by participating in various activities worldwide.



Worldwide IP Collaboration

WIPO Korea Funds-In-Trust (FIT)

Since 2004, we have contributed around 11.2 million Swiss francs for the continued operation of WIPO Korea FIT. We apply this fund toward KIPO-WIPO projects that support developing countries.

Patent Prosecution Highway (PPH) with 28 Countries

In order to improve the efficiency and quality of examinations, we have become actively involved in the IP5 and the TM5.

The Patent Prosecution Highway is also implemented with 28 countries to reduce the time and costs required to obtain patents internationally.

- PPH participants: Australia, Austria, Canada, China, Colombia, Denmark, European Patent Office, Estonia, Finland, Germany, Hungary, Iceland, Israel, Japan, Mexico, New Zealand, Nordic Patent Institute, Norway, Poland, Portugal, Russia, Singapore, Spain, Sweden, Taiwan, the Philippines, UK and USA.

27 IP Sharing Projects

In collaboration with WIPO and APEC, we implemented IP sharing projects to support key national allies through the provision of appropriate technologies and brand development.

Appropriate technologies developed and provided by KIPO are as follows:

- Sugar cane charcoal manufacturing for Chad in 2010;
- Soil brick manufacturing for Nepal in 2010;
- Simple water purifier for Cambodia in 2011;
- Cooking stove for Guatemala in 2012;
- Construction technology to improve insulation in bamboo housing for Nepal in 2012;
- Oil extractor for farms in the province of Tarlac in the Philippines in 2013;
- Bicycle-operated water pump for Pinu in Papua New Guinea in 2013;
- Sewage processing equipment in the Vietnam in 2014;
- Manual extractors for bee farms in Ghana in 2014;
- Natural Dyeing machines in Mongolia in 2015;
- Waste water treatment system in Myanmar in 2015;
- Grease separation system for the Vung Tau province in Vietnam in 2016; and
- Patchouli oil extractor for the Aceh region in Indonesia in 2016.
- Crop dryer and solar controller for Makerere University in Uganda in 2017.
- Coconut oil extractor in Sri Lanka in 2017.

Brands developed and provided by KIPO are as follows:

- Chadian mango brand in 2010;
- Chinese bamboo products in 2011 and 2012;
- Chilean fruit cocktail products in 2011 and 2012;
- Cambodian red rice and longan (a tropical fruit) in 2012;
- Bolivian grain brand called Quinoa in 2013;
- Local brand for the province of Tarlac in the Philippines in 2013;
- Brand for bee farms in Ghana in 2014;
- Brand called Diamond Mango in Myanmar in 2014;
- Brand for Florens Bajawa Coffee in Indonesia in 2015;
- Brand for wool product called Tsagaan alt wool in Mongolia 2015; and
- Brand for Patchouli oil product called Healoma, a Geographical Indication (GI) and Corporate Identity (CI) related with Patchouli oil in Indonesia in 2016.
- Brand for coconut oil extractor and coconut certification mark in Sri Lanka in 2017

◀ Joint March by Two Koreas

At the 2018 PyeongChang Winter Olympic Games, south and north Korea marched together under one flag.

▶ Ongnorip

The Chosun dynasty officials wore this cap when they went abroad as a diplomatic envoy.

