

# Expansion of global IP cooperation



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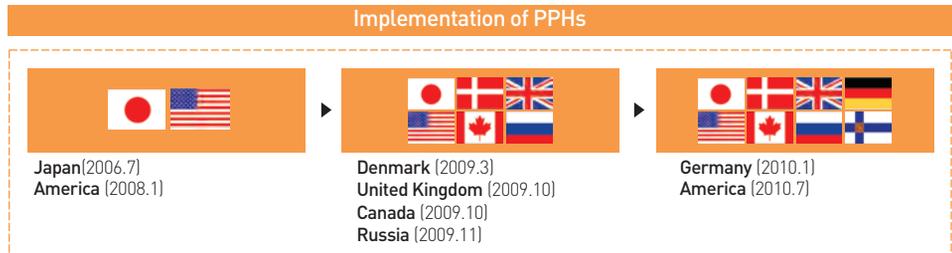
International cooperation has been at the forefront of our endeavors. For instance, we have been actively participating in the meetings of the IP5 offices to make the IP system more efficient. And, to expedite patent examinations, we have made bilateral arrangements with other offices on the PPH. Moreover, we are deeply committed to sharing our successful experience with developing countries by supporting them through IP-based programs.



# Greater international cooperation on examinations

## Global cooperation on examinations

In recent years there has been greater global cooperation on examinations. One example is the PPH. Under this system, where the office of first filing has assessed the patentability of a patent application, the office of second filing ensures that the applicant enjoys the benefit of an accelerated examination for the corresponding application. Having originally set up a PPH with Japan and another with the US, we started similar PPH projects with Denmark, the UK, Canada, and Russia in 2009 and with Finland in 2010, bringing the number of partner nations to seven. Another example is Strategic Handling of Applications for Rapid Examination (SHARE) program. Under this program, if one country conducts a patent examination, the other country may use the results of that examination for its own examination of the same application. On September 1, 2009, we commenced a year long trial of the SHARE program with the US, focusing on fuel cells and semiconductor fields. We also hosted the PCT Meeting of International Authorities in March 2009, furthering the international dialogue on various aspects of the PCT system. These forms of work-sharing help applicants obtain patents overseas in a more timely and economical manner.



## Bilateral Cooperation

In 2009 and early 2010, we engaged in intensive bilateral cooperation with the US, the UK, Japan, China, Canada, and Europe. With the US, we have been collaborating on the SHARE program and agreed to extend the ongoing patent document reclassification services. With Japan, we signed an MOU on IP training institutes and agreed to expand bilateral cooperation. With China, we agreed to collaborate on the development of national IP strategies. We also collaborated with Japan and China on establishing a Joint Experts Group of Patent Examination to lay the foundation for strengthening working-level cooperation on patents. With Europe, we agreed to develop bilateral cooperation in the area of information systems. In addition, we implemented a series of joint prior art search programs with the US, Japan, China, Germany, and the UK. We also held a heads of office meeting with Vietnam to expand cooperation on IP training and information systems. With Thailand, we held discussions on, and won subsequent approval for, the designation of KIPO as a PCT International Searching Authority and International Preliminary Examining Authority.

IP5 working group meeting





MOU with the National Board of Patents and Registration of Finland

We have endeavored to broaden the horizons of international cooperation by forming new friendships or renewing old friendships with several other countries. With Poland, we made an agreement to develop and distribute the IP Panorama program in the Polish language. With Russia and the Eurasian Patent Organization, we signed MOUs on the exchange of examiners and joint research on IP laws and systems.

Trademark issues generally receive less attention than patent issues. For that reason, we have been trying to strengthen global cooperation on trademarks. In June 2009, we signed an MOU with China on trademark cooperation. As a result of the MOU, we are exchanging trademark examiners, holding joint seminars on trademark protection, and conducting research on trademark laws and systems. We also signed a memorandum of cooperation with the US, Europe, and Japan to expand commonly recognized classifications of goods and services. All of these efforts will strengthen trademark protection and expedite the acquisition of trademarks.

### Seminars and courses for international participants

Our International Intellectual Property Training Institute continues to offer a wide variety of seminars and courses for international participants, including a number of WIPO courses. In November 2009, we collaborated with the China Intellectual Property Training Center in holding a seminar on IP protection. We also held nine international seminars and courses for 137 international participants. The courses, which included substantive examination courses, were designed for a variety of participants, such as examiners of ASEAN member nations as part of the follow-up measures of the Korea-ASEAN free trade agreement (July 2009) and IPR officials from the South Asian Association for Regional Cooperation (September 2009).

At the third Symposium for Heads of Intellectual Property Academies, which was held in Munich in June 2009, KIPO was acknowledged for its cooperation with other IP training institutes and entrusted with the task of hosting the next symposium.

**International courses for 2009**

Classification	Course	Description	Schedule	Participants
WIPO Course	WIPO PCT Intensive Education on Electronic Applications	PCT examinations and IP practice	Feb. 2-6	10 from five countries
	WIPO Summer School	IP education for university students and young professionals	June 22 to July 3	24 from five countries
	WIPO Asia-Pacific Regional Seminar	Technology transfers in the energy sector and licensing in the Asia-Pacific region	Oct. 6-8	23 from 13 countries
	WIPO Transfer of Technology and Licensing	Korea's IP policies and system development	Oct. 19-23	13 from 10 countries
Courses of the Korea International Cooperation Agency	Korea-Singapore IP Course	IP policies of various countries and development measures	June 8-19	15 from 11 countries
	IP Course for Officials from the South Asian Association for Regional Cooperation	IP protection strategies and practice	Sept. 6-19	13 from eight countries
	Tunisia IP Course	IP practice and enforcement measures	Nov. 9-20	15
ASEAN fund	Examiners of ASEAN Member Nations	Substantive patent examinations and measures for improving IPRs	July 11 to July 29	20 from eight countries
Total	Eight courses			133

I WIPO training course on patent law and examination



## International seminars and educational programs for 2010

Date	Title	Description	Participants
March 22 to April 1	WIPO Patent Law and Patent Practice	Outline of the Korean patent system; international IPR trends; strategy of prior art searches for patents; standards and practices; etc.	Patent examiners from the Asia-Pacific region, the African Regional Intellectual Property Organization, and the Eurasian Patent Organization (20)
June 21 to July 2	WIPO Summer School	International economy and IPRs; recent patent and trademark issues; Internet domain disputes; etc.	University students from abroad and young professionals (27)
July 8-24	Korea-Iraq IPR Education	Customized training from an Iraq perspective on Korea's IP system, technology, experience and know-how	IPR officials from Iraq (21)
August 23	Heads Meeting of the Trilateral IP Training Institutes of Korea, China, and Japan	Discussion of joint training and new agenda items of the three Northeast Asian countries	Heads of the HR training institutes of Korea, China, and Japan(3)
August 24-26	Fourth Symposium for Heads of IP Academies	Sharing of experience re IP education and systems; measures for promoting international cooperation on the development of IPRs and IP education systems	Heads of IP academies (30)
Sept. 6-10	Third Joint Korea China Seminar on IPRs (China)	Discussion of student inventions and creative inventions as a follow-up project of the MOU with the China Intellectual Property Training Center.	School principals, teachers, and other staff (involved in student invention education) (100)
Oct. 4-5	Green Growth and IP Seminar	Lectures and intensive discussions on IP-related global issues	IP public officials and specialists from the Asia-Pacific region(40)
Oct. 6-7	WIPO Asia-Pacific Regional Seminar	Lectures and intensive discussions on IP-related global issues; examples for IP policies in the Asia-Pacific region	IP public officials and specialists from the Asia-Pacific region(40)
Oct. 14-30	Korea-ASEAN IPR Education	Introduction to Korea's advanced and innovative patent administration system, recent IP issues, and international IP trends, for the purpose of helping developing nations establish IP systems and policies of the highest standard	IPR specialists from the ASEAN region(20)
Nov. 1-5	Training for Trademark and Design Examiners from the National Office of Intellectual Property of Vietnam	Lectures and discussions on recent IP trends and on trademark and design examinations	Examiners of the National Office of Intellectual Property of Vietnam (10)
Nov.13-19	Training for officials of the Vietnamese Ministry of Science and Technology	Lectures and discussions on recent IP trends and technology transfer	Officials of the Vietnamese Ministry of Science and Technology (20)

International Intellectual Property Training Institute



# The IP5 framework of cooperation

## Contribution to the IP5 framework of cooperation

At the IP5 Heads of Offices Meeting at Jeju Island in October 2008, which was chaired by Korea, the heads agreed to move forward with work-sharing among the five offices by implementing 10 foundation projects.

To realize the Jeju vision, the five offices actively discussed their patent practices and in September 2009 set up three IP5 working groups to address issues such as patent technology classification, information systems, and patent examination policies. In December 2009, an IP5 Web site was set up to transparently inform patent users and other patent offices of the status of IP5 cooperation.

In April 2010, the heads of the IP5 offices gathered with the WIPO Director General in China to discuss the current status and future plans of IP5 projects. They reviewed the particulars of the 10 foundation projects for 2010 and 2011 as well as various cooperative activities and personnel requirements. The IP5 framework of cooperation was advanced significantly with a commitment by the heads of the IP5 offices to provide the required resources over the next two years.

## Inaugural IP5 Examiners Workshop

In October 2009, we hosted the inaugural IP5 Examiners Workshop. A group of patent examiners from the IP5 offices gathered at the International Intellectual Property Training Institute in Daejeon for the three-day workshop to promote greater harmonization and work-sharing among the five offices. The focus was on prior art searches and patentability. Originally proposed by KIPO at the 2008 IP5 heads meeting at Jeju Island, the workshop was based on a belief that IP5 cooperation would only be possible if examiners had a better understanding of each office's practices. The ultimate objective was to recognize the efforts of examiners and encourage them to voluntarily participate in IP5 cooperation. Owing to the success of the inaugural workshop, it has now become an annual event. The second IP5 Examiners Workshop will be hosted by the European Patent Office in Munich, Germany, in October 2010.

I Official IP5 Web site  
I IP5 Examiners Workshop



# Support for developing and least developed countries

Narrowing the development gap is one of the major agenda items of the G20 Summit to be held in November 2010 in Seoul, Korea. KIPO is preparing knowledge-based types of official development assistance for the overall purpose of developing an IP community that strives to boost the prosperity of all members of the international community. Specifically, we are endeavoring to furnish developing and least developed countries with the kind of appropriate technology and support needed to enhance their quality of life; we are also helping them develop brands that will improve the competitiveness of their products. In April 2010, two of our projects were adopted at the fifth annual conference of the WIPO Committee on Development and Intellectual Property: one is titled IP and Product Branding for Business Development in Developing and Least Developed Countries; the other is titled Capacity Building in the Use of Appropriate Technology: Specific Technical and Scientific Information as a Solution for Identified Development Challenges. These projects are expected to be discussed more actively by the international community.

## IP sharing campaign

### Appropriate technology and the transfer of technology

Appropriate technology refers to technology tailored for the environmental, cultural, and socioeconomic factors of certain regions, especially for low-income groups in developing countries. Usually simple in nature, appropriate technologies are more economical and easier to implement and maintain than cutting-edge technologies. One example is the portable water-purification device LifeStraw; it enables individuals to drink water from a river or other polluted source. Another example is the Q Drum; the low-cost, rollable water container enables women and children to easily transport up to 100 liters of water at a time.

KIPO is now using the accumulated technological information of patent references to provide appropriate technologies to developing and least developed nations. We are currently helping African countries use their abundant supply of sugar cane bagasse to manufacture charcoal. This technology from the Massachusetts Institute of Technology is expected to greatly benefit the people of Africa, who often have difficulty finding sufficient firewood.

In another project, we are distributing to nomads in Mongolia portable *ondol* equipment (which is inspired by Korea's unique floor-heating technology). Connecting the *ondol* to the heater of a Mongolian *ger* (felt-lined tent) can reduce heating costs by up to 40%. This technology is not needed in Korea but may improve the quality of life in other countries and reduce environmental pollution.

| Sugar cane charcoal manufacturing process



| Portable ondol



### Competitive brands for developing countries

To foster the creation of new IP and implement projects for developing and least developed countries, we made a proposal at APEC in 2009 for a One Village One Brand Seminar. Eight countries agreed to act as partners in the project, and APEC eventually adopted the project with widespread support from other member economies. We hosted the seminar in Seoul from June 23 to 25, 2010. It was attended by representatives of 21 APEC member economies. Other international organizations, such as WIPO, and various NGOs were also represented. The participants discussed how brands and IP could be utilized for regional goods. The seminar also featured an exhibition of outstanding brands from the participating APEC member economies, including Chile, Vietnam, and Taiwan.

I APEC One village One Brand Seminar  
I Exhibition  
I Design Seoul city tour



Since November 2009, we have been developing a mango brand in Chad in partnership with the international humanitarian and development NGO Good Neighbors. Even though there is an abundance of high-quality mangoes in the northern part of Chad, the country produces no processed mango goods. We have therefore embarked on a project to help the region increase its income through the production and branding of processed mango goods.

We are currently providing Chad with the technology to produce dried mangoes. At the same time, we are supporting the overall business process, particularly through the establishment of social corporations, the creation of processed mango brands, and assistance with trademarks and designs.

I KIPO official participating in the peeling, cutting and drying of mangoes



### Successful projects of the Korea Funds-in-Trust

The Korea Funds-in-Trust at WIPO was established in July 2004. At the end of June 2010, we just completed the sixth-year of fund projects. Those projects included a package of educational programs for particular countries. The package, which consists of seminars, consultations, and on-site visits, is designed to help SMEs maximize their IP capabilities. To increase the efficiency of the project, we offered the package to Vietnam and Nigeria, two countries which are highly interested in the strategic use of IP and which have strong trade links with Korea. In March 2010, we held a workshop in Hanoi, Vietnam, on the theme of Successful Use of IP for Business. We also offered intensive consultations on IP asset management to SMEs and to institutions responsible for fostering SMEs. In April 2010, we ran a WIPO workshop and offered intensive consultation sessions for SMEs in Nigeria. In addition, we gave lectures on theoretical and practical aspects of Korea's patent law and patent examination practices for a group of 19 examiners from 11 developing countries from Northeast Asia, Africa, and Eurasia. We also invited business representatives of Vietnam and Nigeria to Korea in May 2010 to see some outstanding SMEs and observe how they successfully utilize IP as a growth engine.



IP management consulting for SMEs in Vietnam and Nigeria





Projects for the sixth year of the Korea Funds-in-Trust (mid-2009 to mid-2010)

Section	Project Title	Note
1	Support for developing countries in the procurement of IP	<ul style="list-style-type: none"> <li>• Tanzania (April 19 to 23, 2010)</li> <li>• Indonesia (scheduled for April to August, 2010)</li> </ul>
2	Support for the utilization of IP	<ul style="list-style-type: none"> <li>• Workshop on successful use of IP for business</li> <li>-Vietnam (March 22 to 23, 2010)</li> <li>Nigeria (May 19 to 20, 2010)</li> <li>• Intensive consulting for SMEs</li> <li>-Vietnam (March 24 to 26, 2010)</li> <li>Nigeria (April 21 to 23, 2010)</li> <li>• On-site visits to outstanding Korean SMEs (May)</li> </ul>
3	Provision of information on appropriate technology	<ul style="list-style-type: none"> <li>• Laos and Ethiopia (TBA)</li> </ul>
4	Regional education program for least developed countries	<ul style="list-style-type: none"> <li>• Two countries from Asia and Africa (TBA)</li> </ul>
5	Forum on green growth and IP	<ul style="list-style-type: none"> <li>• 37 public officials (from 18 countries) with responsibility for IP, economic, environmental, and business policies (TBA)</li> </ul>
6	Education for examiners	<ul style="list-style-type: none"> <li>• Course on WIPO patent law and patent examinations</li> <li>-19 examiners from 11 developing countries (March 22 to April 1, 2010, at the International Intellectual Property Training Institution, Daejeon)</li> </ul>
7	Expert mission	<ul style="list-style-type: none"> <li>• Egypt, Malaysia, and so on (TBA)</li> </ul>



The work plan for the seventh year of the Korea Funds-in-Trust, from mid-2010 to mid-2011, hinges around three main objectives: to use IT to improve the quality of life in developing countries; to develop the IP administrative capabilities of patent offices in developing countries; and to enhance general IP awareness in developing countries. More specifically, we will continue to support branding projects and the distribution of appropriate technologies; we will also endeavor to help the patent offices of developing countries acquire the capability of using the PCT and Madrid systems. To enhance IP awareness in developing countries, we are also considering the feasibility of producing supplementary multimedia content and programs for use with *IP Xpedite* and *IP Panorama*. In this way, the program will have a ripple effect in various regions.





## IP automation systems and training in developing countries

### IP automation system in Indonesia

With the increasing global recognition of our outstanding KIPOnet system, Indonesia's Directorate General of Intellectual Property Rights (DGIPR) expressed an interest in cooperating with our office on the development of their own IP office automation system. Since 2007, we have been collaborating with the DGIPR in terms of securing the necessary budget and providing technological support.

In April 2010, we signed an MOU with the DGIPR on technological cooperation for the development of an IP office automation system (valued at USD40 million). Under the MOU, we agreed to help the DGIPR develop and operate an IP office automation system based on our technology; we also agreed to share our policies, systems, and experience. The MOU has enabled the two countries to develop a strategic partnership.

### New era of IP cooperation with Arab countries

Following the success of the English version of the cyber educational material *IP Panorama*, KIPO and WIPO began in 2009 to develop other versions of *IP Panorama* in the official UN languages of Arabic, French, and Spanish. In March 2010, an international symposium was held at the headquarters of the League of Arab States (LAS) in Cairo, Egypt, to celebrate the official release of the Arabic version of *IP Panorama*.

Besides the WIPO Director General, 70 well-known dignitaries of the Arab region, including the LAS Assistant Secretary General and representatives of the patent offices and chambers of commerce of 12 Arab states, participated in the symposium. The gathering culminated in the adoption of the Cairo Declaration, the aim of which is to strengthen IP cooperation between WIPO, KIPO, and LAS. The declaration is the cornerstone of new cooperative relations for enhancing IP management capabilities in the Arab region.

### APEC IPi Facilitator Training Course

In 2009, we ran an APEC IPi Facilitator Training Course, which is a blend of online and off-line education based on the e-learning program *IP Xpedite*. The course led to the development of a new e-learning program called *IP Xpedite Practical*, which is based on the lectures of IP experts from WIPO, Korea, the US, Japan, and Australia. KIPO is distributing *IP Xpedite* to other countries. We are also endeavoring to build the IP capabilities of other nations in the Asia-Pacific region and elsewhere.

- I Signing of an MOU with Indonesia for IP office automation
- I International symposium in Cairo, Egypt
- I *IP Xpedite Practical*

