

V. Informationization and Documentation

1. Informationization

In 2014, 23 supporting projects for the Electronic Examination System (E-System) were implemented, and the construction of the patent service system for offering online services to the public was completed. SIPO upgraded the patent agency management system, and enhanced the capacity of supporting examination work and serving the public. The Patent Search and Service System (S-System) continued to improve search functions, enrich search data, optimize system performance, make user's experience better, and enhance search efficiency. The CEPCT has been officially launched on line, which is applied to handle paperless examination of PCT applications at international stage on receiving, international searching and preliminary examining.

Based on ensuring the stable operation of important business systems, SIPO established or improved several business systems like EPOQUE system, the source distribution system, the online business guidance platform, the convenient examination system and the human resource management system, providing technical guarantee for further improving the business guidance system of patent examination and the examination quality guarantee system.

SIPO strengthened the construction of the information security system, established defense and surveillance system and reconstructed the core business systems. SIPO put the operation of 52 key business systems in special surveillance to ensure the safe and steady operation of all business systems.



SIPO finished the construction of the permanent working facility of Jiangsu Patent Examination Cooperation Center, and the information infrastructure of patent examination cooperation centers outside Beijing during the transitional period and started the construction of the uniform recruitment platform for patent examination cooperation centers. The remote joint examination system, video conference system, IP telephone system and online business guidance platform were put into service in succession, supporting examiners in business communication and tutors in new staff training.

SIPO promoted the construction of Chinese patent receiving and preliminary examination system, intelligent auxiliary examination system of utility model patent, the intelligent auxiliary search system, and the Chinese intelligent search system of design patent (D-System, Phase III), and further improved the patent intelligent examination system of design patent and the think-tank system of Chinese patent examination, optimized the examination mode.

SIPO continued to promote the construction of the National Patent Information Public Service System and optimize the application process of the National Patent Data Center, offering constant data support for regional and local patent information service centers. Nanjing Regional Center has passed the acceptance inspection by the experts and has launched operation officially. SIPO formulated *the Interim Measures for Management of Local Patent Information Service Centers* to strengthen and standardize the management of local patent information service centers.

SIPO improved the public service informationization system, including the upgrading of the patent search and service system for the public, the construction of Wuxi Design Patent Search System, the construction of three intellectual property right fast safeguarding and supporting systems like Dongguan (furniture) system, the upgrading and transformation of government websites offering convenient services to the public and the calling system for public consultation.

SIPO actively promoted the further opening up of basic patent data, established and opened the patent data service pilot system for basic patent data to offer the up-to-date basic data from home and abroad to the public free of charge.

SIPO conducted the exchange and cooperation in the informationization field, and further expanded the exchange of international data. SIPO completed the data exchange work with 21 countries, regions and organizations. SIPO formally carried out the electronic exchange of China-US priority documents, coordinated to prepare the bilateral and multilateral group meetings and a series of heads conferences, and began to sort out the needs of relevant business in the Hague system and the testing of the pilot system. SIPO constantly expanded the cooperation contents with Hong Kong, Macao and Taiwan. SIPO firmly promoted the implementation of the Convention on Cross-strait Intellectual Property Right Protection Cooperation, boosted the cooperation of cross-straits patent data exchange, probed in the electronic exchange of priority documents across the Taiwan Strait and promoted the cooperation of patent data exchange with Hong Kong and Macao. SIPO made great efforts to promote the pilot system for cloud patent examination and to formally initiate the construction of the system. By the end of 2014, 22 agencies participated in the test, 13 on probation, and 3 became formal users.

2. Documentation

(1) Documentation Resources

SIPO allocated 108 kinds of documentation resources throughout the year, including 13 kinds of patent resources and 95 kinds of non-patent resources, covering the main technologies and academic subjects related to patent examination, and providing basic guarantee for the examination, research and patent information public service. SIPO has maintained bilateral documentation exchange relationship with 38 countries, regions and organizations, and has provided Chinese patent documentation resources for 7 PCT international search and preliminary examination units. SIPO opened up a cooperation channel to transmit documentations with EPO, and both sides provided each other with the non-patent documentation resources cited in the needed PCT search reports, opening up a new channel to exchange non-patent documentation resources with foreign intellectual property offices.

By the end of 2014, SIPO had over 450 kinds of patent documentation resources, among which 63 kinds are descriptive abstracts covering 102 countries, regions and organizations, 124 kinds are of full text images covering 101 countries, regions and organizations, 31 kinds are of full texts covering 31 countries, regions and organizations, 189 kinds are of auxiliary searches, and dozens are of autonomously processed patent data. Currently, the number of Chinese patent documentation resources has exceeded 12 million.

(2) Documentation Management

SIPO actively analyzed the resources structure. Based on the authoritative patent documents of EPO, USPTO, JPO and KIPO in IP5 offices

documentation sharing project, SIPO checked the full-text CD resources of EPO, USPTO, JPO and KIPO, analyzed full-text resources of 25 countries, and preliminarily established the framework of patent documentation and information standard system. Chinese authoritative patent documentations have been published on the website of SIPO (in both Chinese and English), which achieved the goal of the formal opening up of authoritative documentary data.

(3) Documentation Services

SIPO has established a documentation service system providing documentation access and consultation, database utilization training and management, database operation maintenance and safeguarding, patent classification training and coordination, etc. SIPO set up a team of experts for documentation consultation, opened a hotline under the charge of specially-assigned persons, and established the service platform for documentation resources utilization and consultation. 18 non-patent database training courses were provided, covering over 850 person-times.

SIPO gradually enhanced the patent documentation information public service system providing public lecture, entrusted search, and documentation consultation and access. In 2014, SIPO has received over 2,000 readers and 46 groups of over 1,200 visitors. SIPO has provided 32 lectures for the public and trained over 1,200 person-times. According to the demand and feedback of the public, SIPO opened online public lecture courses, covering over 600 person-times.

(4) Documentation Classification and Relevant Research

SIPO successfully made IPC-revised C462 project proposal obtain WIPO's approval and promoted other two revised proposals to become Phase F projects of IP5 offices. SIPO negotiated with the European Patent Office to determine the text contents of *the Memorandum of Understanding on the*

Electronic Exchange of China-Europe Priority Document Classification Number. SIPO finished the CPC classification of 89,000 pieces of newly-published Chinese invention patent application in 43 fields, which were provided for EPO. SIPO signed *China-Japan Classification Cooperation Plan* with JPO, and reached an agreement about expanding classification cooperation with KIPO.

(5) Documentation Publications

Throughout the year, SIPO published a total of 2,071,900 pieces of patent documents including 777,336 pieces of invention publication, 229,711 pieces of invention authorization, 700,577 pieces of utility model, and 364,283 pieces of designs. SIPO published 6 issues of *Patent Documentations Research*, 4 issues of *Supplement to Patent Documentation Research*, 28 issues of *Foreign Intellectual Property News* and 9 issues of *Special Edition of Foreign Intellectual Property News*.

(6) Dissemination and Utilization of Patent Information

SIPO actively promoted the standardized guidance over enterprise patent information utilization from *Enterprise Patent Information Utilization Guidance* and *Patent Documentation Information Service Guidance*. SIPO began the patent information utilization projects to promote the supporting in the 12 bases and realize the newly-added cultivation of 29 key units, thus forming multiple patent information work modes like the enterprise-service agency coordination and the enterprise-government-service agency coordination.

SIPO gave support to patent information utilization in 8 western provinces including Qinghai, Ningxia, Guizhou, Gansu, Yunnan, Guangxi, Tibet and Xinjiang. SIPO selected the 3rd batch of 20 national patent information leading talents and 80 patent information teaching talents. SIPO offered 11 tour training courses on patent information techniques at various levels covering Northeast, Central China, Northwest, South China as well as coastal areas, through which over 1,000 persons were trained.