

V. Informationization and Documentation

1. Informationization

In 2013, based on the stable operation of important systems like the Chinese Electronic Examination System (E-System) and the Chinese Patent Search and Service System (S-System), SIPO has promoted the construction work of the Smart Examination System, provided support for the establishment of Patent Examination Cooperation Centers and enhanced the construction work of the National Patent Information Public Service System.

The functions of the E-System and S-System have been strengthened with optimized performance. For E-System, SIPO has realized multi-lingual reference of the China Patent Inquiry System, electronic receiving of reexamination and invalidation requests and upgraded version of E-Filing Client compatible for higher level of operation systems. The integration work of publication and announcement has been launched, which enlarged the system application service and upgraded the basic network environment, further improved system performance and service capability. For S-System (for internal examiners), SIPO has added several functions, including Cooperative Patent Classification (CPC) application, legal status search, statistics of citation and cited information, reference to examination history of the concluded files and main classification numbers, etc.. SIPO also integrated image data from multi-data sources, which improved data quality. The automatic pushing function of utility model machine search reports was developed and released on line.

Smart examination of industrial designs has been further optimized by adding functions related to industrial design image examination items like products in sets



and component products. Smart examination of bibliographic data of invention patent applications has completed the requirement analysis and solution design stage.

With the improvement of the comprehensive management system for telecommuting, SIPO has successfully achieved the capacity of supporting 1,450 examiners telecommuting from home in 2013. IP communication platform was officially launched. SIPO kept promoting the construction work of patent examination cooperation centers outside Beijing by providing new employees of local centers necessary IT environment for training and working. Construction project of video conference system connecting patent examination cooperation centers has started.

19 data processing projects were completed, and the data maintenance of the two systems has been well operated. SIPO started information security inspection work of the whole business and published relevant rules and regulations.

According to *the Construction plan of the National Patent Information Public Service System*, steady progress has been made in constructing and improving the three-level framework of the patent information public service system, featuring national patent data center, regional patent information service center and local patent information service center. The National Patent Data Center launched “patent data resource management system” as the core system of the national center. *The Business Management Regulation for National Patent Data Center* has been formulated and distributed to local IP Offices for regulating

business work of the national patent data center. 43 local patent information service centers have been established. S-System (for public) has integrated several new functions, such as one-stop search, data management platform, patent utilization platform, English version, etc., which will soon be launched for use.

In 2013, SIPO collected patent data from IP authorities of France, Poland and Singapore and FI/FTerm data for Chinese patent application provided by JPO. *Bilateral Data Exchange Agreement between SIPO and German Patent and Trademark Office* was signed and media-less data exchange mode was established between SIPO and relevant IP authority of Taiwan, China. One Portal Dossier (OPD) project among IP5 was realized and the bilateral online document exchange system with the EPO. *The Cooperation Agreement between WIPO and SIPO for the Development of Infrastructure Services to Support Patent Examination Work Sharing* was signed. SIPO started to promote Cloud Patent Examination System (CPES) in 10 foreign IP authorities. The priority document exchange system between SIPO and EPO was upgraded with the application of TDA-PDX. SIPO also signed *Electronic Exchange of Priority Document Agreement between SIPO and KIPO* and upgraded its version for WIPO DAS system. It started the electronic exchanges of priority documents with IP authorities from 11 countries. With the support from WIPO, SIPO has prepared the Chinese version of the E-filing system of the Hague system. SIPO-JPO-KIPO cooperation website was launched.

The CPES has completed its first stage of pilot system construction, and was officially launched in the 6th IP5 Heads' Meeting. For the moment, users of the pilot system come from IP authorities of IP5 offices, Singapore, United Kingdom, Germany, France, Australia Brazil, and etc..

2. Documentation

(1) Documentation Resources

SIPO allocated 79 patent and non-patent documentation resources throughout the year, including 11 patent documentation resources and 68 non-patent resources, covering the main technologies and academic subjects related to patent examination. SIPO has established and maintained patent documentation exchange relationship with 37 countries, regions and organizations, and has provided patent documentation CDs including the English abstracts of Chinese patents to 21 countries, regions and organizations.

By the end of 2013, SIPO has over 450 kinds of patent documentation resources, covering patent documentations from 104 IP authorities all over the world, with the total amount of the Chinese patent documentations surpassing 10 million. Till now, there are 9 kinds of original patent data and 36 kinds of patent data provided for application in S-System.

(2) Documentation Resources Management

Regulation and coordination have been strengthened in different stages of documentation resource construction. By improving the evaluation report framework on resource utilization, SIPO has established a preliminary resource allocation procedure based on utilization requirement, resource structure and relevant budgets. Construction work of authority files of patent documentation has started, and an analysis project on Chinese patent documentation has been implemented. SIPO has enhanced the organization and applicable research of resources, promoting the transition of the international documentation standards to domestic standards.

(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.. 41 non-patent database training courses were provided to the whole Office, covering over 1600 person-times. SIPO also compiled manuals of non-patent resources in the fields of electricity, telecommunication, chemistry and pharmacy and biotech.

In 2013, the Documentation Department of SIPO has received over 2,000 readers, over 2,000 person-times of consultations, over 600 person-times of entrusted searches, and 47 groups of visitors from home and abroad. According to the demand and feedback of the public, SIPO kept enriching the contents of lectures and courses and has provided over 30 lectures for the public throughout the whole year, covering nearly 1,000 persons.

(4) Documentation Classification and Relevant Research

SIPO actively implemented the introducing project of the Cooperative Patent Classification (CPC), and has completed the following study projects: *Study on Documentation Resources Allocation under the New Examination Pattern*, *Study on Quality Guarantee in Documentation Resource Management*, *Quality Evaluation Scheme of Data Processing Projects*, *Future Development and Work Plan of the Patent Classification Work in SIPO*.

(5) Documentation Publications

Throughout the year, SIPO published 52 patent gazettes respectively for invention, utility model and industrial design patents, edited and published 6 issues of *Patent Documentation Study*, 5 issues of *Supplement to Patent Documentation Study*, 26 issues of *Foreign Intellectual Property News* and 6 issues of *Special Edition*

of *Foreign Intellectual Property News*. SIPO also published several teaching materials, such as *Patent Documentation Study 2013*, *Documentation Knowledge and Utilization (English Version)*, *Theory and Practice on Patent Competition Intelligence*, *Practice on Patent Information Utilization*.

(6) Dissemination and Utilization of Patent Documentation Information

SIPO organized the compilation of *Utilization and Dissemination of National Patent Information in 2012*. 7 local units were designated as new base for patent information dissemination and utilization, namely, Liaoning, Tianjin, Shanghai, Zhejiang, Anhui, Chongqing and Hunan, completing the distribution of the base units in main economic areas of China.

SIPO carried out the National Patent Information Talent Selection for the second time, which has selected 20 patent information leading talents and 50 teaching talents.

SIPO also gave support to 10 training programs of local IP Administrations and other authorities by different methods like dispatching teachers, and carried out 7 training programs on patent information techniques at various levels, through which over 2,000 persons were trained.