



# V: Informationization and Documentation

## 1. Informationization

Relying on the smooth operation of Chinese Patent Examination and Granting System (E system), Chinese Patent Search and Service System (S system) and Smart Search System for Industrial Design Patents (D system), the office is able to conduct cross-regional patent examination. In 2011, we started the informationization construction in the patent examination collaboration centers of Jiangsu and Guangdong as well as in the Zhongshan Intellectual Property Protection Center, and established a new office work mode for cross-regional examination. We uphold the idea of low carbon office and have carried out home office project with 201 people working at pilot home offices. According to the plan, soon 1800 people will be able to work at home. The research and development, and pilot projects on practical new types and industrial design smart examination have laid a good foundation for fast licensing.

E system has been working stably. It has realized double-engine automatic classification of practical new types and invention applications, and successfully accomplished the disaster recovery drill and the project of electronic localization of application documents from representative offices. The scanning period of the printed application documents from the representative offices was shortened to 2-3 days from the original 7-16 days. The upcoming electronic patent granting public announcement and process optimization system will shorten the publishing and licensing period to less than one month. In December, the electronic application



rate was as high as 77.81%, which meant the goal of at least 70% electronic applications before the end of the year was reached. As of the end of December, E system has accepted 1,630,000 applications, issued 3,540,000 notices and licensed 960,000 patents.

S system has been further improved. It has constantly updated data resources, added the multi-language search which enabled search services in the languages of Chinese, Japanese and English, and accomplished the integrating of internet access of the platform through which examiners can get access to the internet in the internal network and directly search for non-patent documentation by logging on to various patent institutions throughout the world. Presently the system can locate 470,000,000 searching results. By the end of December, S system has supported in total 6,310,000 searches, provided 104,000,000 articles, and sent 1,350,000 searching reports, which accounted for 45% of all searching reports. It becomes another major searching tool for the office working together with the traditional EPOQU searching system.

The construction of the Centralized Monitoring System provided technical support for the stable and safe operation of the important systems of SIPO. The “6000” hotline was faster in processing cases with improved service quality. It has accepted 72,400 repair cases in total in a year, among which 71,880 have been resolved, accounting for 99.3% of the total number.

SIPO have enhanced the data integration construction; completed data coding of E system, data storage of S system and 17 other data processing projects used in international data exchange; launched a special data cleansing program and found out 2,400,000 erroneous data, 96.4% of which have been successfully dealt with. All this work has greatly supported the normal operation of E system and S system and the international data exchange.

SIPO pressed ahead with the construction and improvement of the three-level patent information public service system consisting of the national patent data center and regional and local patent information service centers. The operational procedures of the national center was further standardized; the preparation work for Guangdong regional pilot program was smoothly undertaken; the evaluation for the applications of 47 local information service centers to upgrade was fully launched. The application of online patent information analysis system and patent information service system open to the public was accelerated.

Through information international cooperation, SIPO has expanded the data exchange with relevant international

organizations, regions, and IP rights institutions; strengthened the construction of standardization and achieved the change from following and learning the international standards to participating and influencing the formulation of international standards; built the programs such as Patent Passing Highway (PPH), Priority Electronic Exchange and so on; greatly improved the competitiveness of SIPO in international informationization collaboration.



Deputy Commissioner Gan Shaoning attended the opening ceremony of SIPO (Guangdong) Patent Information Broadcasting and Utilizing Base.

## **2. Documentation**

### **(1) Documentation resources**

SIPO promoted the final acceptance of China's patent documentation by Patent Cooperation Treaty (PCT) minimum documentation. The proposal of "acceptance of China's patent documentation by PCT minimum documentation" was approved unanimously in the 49<sup>th</sup> Assemblies of Member States of WIPO, and will take effect on July 1st, 2012.

In the year of 2011, SIPO has introduced 81 kinds of patent and non-patent documentation resources, among which 6 were newly added. In total, the collected image patent resources have covered 77 countries (regions) or organizations, while bibliographic data and abstract resources covered 102 countries (regions) or organizations. SIPO has up to 51 non-patent full-text documentation databases, 20 abstract databases, one networked search system, three kinds of raw data, and 3 IP commercial electronic resources.

### **(2) Documentation resources management**

SIPO pressed ahead the construction of "the Platform for Comprehensive Management of Documentation Resources", which is to be put to use in 2012; built the "Electronic Documentation Resource Archives" to record the 382 kinds

of documentation recourses of SIPO and to serve the requirements of patent examination and public need; completed the electronic version of “Compilation of Chinese Cases on Deep Processing of Patent Documentations”.

SIPO formulated “National Overall Working Plan for Patent Dissemination and Utilization” during the 12<sup>th</sup> Five-Year Plan; issued the “Guiding Opinions on National Patent Dissemination and Utilization”; and held the “National Conference of Patent Dissemination and Utilization”.

SIPO built in Guangdong the first patent dissemination and utilization base of our country, and established strategic collaboration relationship with Beijing Intellectual Property Office on the work of patent information construction.

### **(3) Documentation services**

In order to improve the capability of examiners in using non-patent databases, SIPO has held 61 training courses on the database searching, and trained about 1,500 person-times and compiled the “Common Knowledge Manual of Patent Documentation—Questions and Answers” , which helped improve the efficiency of patent examining service.

To improve the utilization of patent information by the creative population and the market players, throughout the year, SIPO provided 15 training programs and trained about 800 person-times. Five businesses aid and support activities were launched; 35 public lectures were held; more than 1,600 people were trained. IP Rights Exhibition Gallery received 57 batches of domestic and foreign visitors totaling more than 1,500 people, a great rise compared with the same period last year.

#### **(4) Research on documentation standard and classification**

SIPO completed the major research program named “A Comparative Analysis of National Economy Industry Classification and the International Patent Classification”, and produced a table of comparison about the national patent classification and important trades of the first, second industries of national economy, and proposed a systematic way of studying comparative analysis and a model for calculating values.

In the industry of new energy vehicles, SIPO conducted a comparative study on the industry classification due to policy reasons and international patent classifications; completed relevant studies on “Implementing Non-patent Documentation Defensive Open Strategies to Counter against Overseas Patent

Attacks” and submitted the report to the State Council; issued the “Report on National Creative Activities Seen through the Patent Documentation”.

SIPO actively participated in the revision work of “International Patent Classification” (IPC) lead by the World Intellectual Property Organization (WIPO) and proposed for the first time IPC “G11B 7/12” (cartridge which is used in optical recording) international patent classification revision proposal in the framework of five-bureau-cooperation, which was approved by the WIPO IPC experts committees in the forty third meeting.

#### **(5) Documentation publications**

SIPO published “Guide to Patent Information Utilization” and “Skills for Patent Information Utilization”, which were textbooks for advanced training series; issued 6 volumes of “Patent Documentation Study”, 6 volumes of “Classification Information”, 42 volumes of “Intellectual Property Rights Newsletter”, and 12 volumes of “Data Processing News Report”; started the first volume of “Patent Information Utilization Frontline ” and issued 3 other volumes; issued 141 patent bulletins and 72 public notices on the exclusive right of integrated circuit layout-design.