



V: Informationization and Documentation

During the 11th Five-year Plan, SIPO entered a fast-development stage in IT construction. It completed three systems, namely 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), which fully satisfied the needs of patent examination and evidently enhanced the comprehensive capacity of patent examination, built a public service system for patent information, which basically satisfied public demand for patent information, published the Planning for the Construction of National Patent Information Public Service System, and built a national public service system for patent information, which laid a foundation for the comprehensive, coordinated and sustainable development of the work of national patent information public service. SIPO built the national patent management information platform, the comprehensive training management system, the financial information management platform and other systems, enhancing the management work efficiency of SIPO, carried out the construction of information resources in an all-round manner, steadily pressed ahead with data processing and the formulation of data standard, built the data quality inspection system, and continuously improved data quality, continuously expanded international cooperation on informationization, and remarkably lifted the level of information foundation support, operation and maintenance.



SIPO continuously broadened the channels of document resources, effectively made the collection work more scientifically, further enlarged the coverage scope of resources, and reached the world's leading level in terms of the types and quantity of patent documentation resources collected, kept enriching the means to manage documentation resources, steadily pressed ahead with the work to build the application systems, increasingly perfected the supervision system for data processing quality, kept deepening the work to set the document standard, made fruitful achievements in documentation study, continuously innovated the document service methods, strengthened the capacity building orderly, and evidently enhanced the service quality and effect. Intellectual property publications further satisfied the demand of all social circles.

In 2010, the major progress in informationization, documentation and other work can be summarized below.

1. Informationization

On February 10, Chinese Electronic Patent Examination and Granting System (E system) and Patent Search and Service System (S system) were formally launched, realizing the application of electronic and network technologies to the entire flow, all legal procedures and every dimension from the submission of a patent application to the patent invalidation.

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, further strengthened the management and support to 47 local information service centers, and accelerated the construction of online patent information analysis system and patent information service platform.

2. Documentation

(1) Collection and application of documentation resources

In 2010, SIPO maintained documentation exchanges with IP authorities in 37 countries and regions. Up to now, SIPO has collected full-text patent specifications published by 48 intellectual property institutions and patent search data of 102 intellectual property institutions. With respect to non-patent digital resources, SIPO has up to 48 non-patent full-text documentation databases, 18 abstract databases, one networked search system, three kinds of raw data, and 37 electronic periodicals or websites. The utilization rate and efficiency of non-patent resources were further enhanced. In the full year, over 2.50 million full-text documents of non-patent data were downloaded, up by 48% year on year, while use cost declined by 25%.

(2) Documentation resources management

SIPO has built the electronic documentation resource archives, formulated the Rules for Deep Processing and Inspection of Non-Patent Documentations in China, and inspected 1,600,000 pieces of deep processing data, 665,000 pieces of primary processing data and 19,000 pieces of legal affairs data.

(3) Documentation services

Examination-oriented service. Throughout the year, SIPO provided 74,000 relevant documents, held 39 training courses on the use of non-patent database, and trained more than 1,000 person-times.

Patent information public service. SIPO held the 2010 National Working Meeting on Patent Information Communication and Use, and built the "national training instruction system for patent information communication and use".

(4) Research on documentation standard and classification

SIPO further revised relevant contents of 6 patent documentation standards, including China Patent Documentation Format Specifications and China Patent Documentation Bibliography, tracked and updated the IPC classification scheme, formed the subdivision in 6 areas, including A61K35/56 and A23L1/48, and actively participated in IPC revision work under the framework of WIPO.