

# WIPO



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**WORLD INTELLECTUAL PROPERTY ORGANIZATION**

GENEVA

**STANDING COMMITTEE ON INFORMATION TECHNOLOGIES**

**ANNUAL TECHNICAL REPORT**

**1999**

**ON PATENT INFORMATION ACTIVITIES\***

submitted by the

**REPUBLIC OF KOREA**

An annual series of reports on the patent information activities  
of members of the Standing Committee on Information Technologies

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- The term "patent" covers utility models and SPCs.
- Information related to design patent activities reported by industrial property offices issuing design patents is included in the series of documents SCIT/ATR/ID.

# Annual Technical Report on Patent and Utility Model Information Activities in 1999

## I. Evolution of registration activities

A. Changes experienced in terms of application filings and grants with respect to the previous year

### (1) Patent

Year Classification	1998	1999	Ratio of Variation
Filing	75,188	80,639	107.2%
Registration	52,900	62,647	118.4%

### (2) Utility Model

Year Classification	1998	1999	Ratio of Variation
Filing	28,896	30,650	106%
Registration	25,717	32,916	128%

B. Trends or areas experienced rapid changes with respect to the previous year

None

II. Matters concerning the generation, reproduction, distribution and use of primary and secondary sources of patent information:

### A. The Issue of Official Gazettes on CD-ROM

(1) KIPO has published the following two types of Official Gazettes on CD-ROM since May 1998 and has distributed them inside and outside the country.

- Registered Examined Patents and Utility Models Gazettes

- Published Unexamined Patents and Utility Models Gazettes

(2) Index CD-ROMs

For a more effective search of information for Patent and Utility Models in each CD-ROM, KIPO has published Index CD-ROMs at the end of each year, since May 1998. From 2000, KIPO is planning to publish them twice a year.

(3) '99 Issue results

Classification Rights	The number of Items	The number of Published Times	Remarks
1. Registered Examined Gazettes - Patent - Utility Model	108,537 76,448 32,089	40 40 -	Patent and Utility Model are contained in the same CD-ROM
2. Published Unexamined Gazettes - Patent - Utility Model	130,,903 88,687 42,216	58 58 -	Patent and Utility Model are contained in the same CD-ROM
Total	239,440		

B. Korean Patent Abstract on CD-ROM

(1) Publication in 1999

- Contents: Abstracts 11,200 cases (only domestic applicants)  
(Patent Publication number 97-266~00-130944)
- Amounts: 300 copies (using MIMOSA)

(2) Distribution

- Domestic: 35 places, 125 copies  
(National Assembly Library, Korean Patent Attorney Association etc)
- Abroad: 43 places, 75 copies (Germany, England etc)

(3) Distribution Period: every January

III. Matters concerning abstracting, classifying, reclassifying and indexing of technical information contained in patent documents:

A. Classification and reclassification activities;

KIPO is using IPC(International Patent Classification) as an official classification system. After the examiner dealing with classification makes a pre-classification, each examiner confirms classification into sub-group and re-classification is not conducted.

B. Coordinate Indexing

KIPO does not have its own classification indexing.

C. Hybrid System Indexing

KIPO mark Hybrid System Indexing on its patent-related official documents.

IV. Search file establishment and upkeep:

A. File building;

In 1999, KIPO developed a New Patent · Utility Model Search System, which allows a full text search on patent documents by using Internet-based technology. Based on this system, KIPO constructed a Database which contains information from National Published Patent Gazettes, Registered Patent Gazettes, JPO's Search Master and PAJ, EPO's FPD and IFD, USPTO's Patent Descriptions, etc.

B. Updating;

These search files are updated periodically.

C. Storage, including mass storage media;

Texts (including SGML) used for search are stored on Disk and image data are stored on Optical Disk or CD. From 2000, all data will be stored on Disk for faster information retrieval.

D. Documentation from other offices maintained and/or considered part of the available search file;

Foreign data which are available through KIPO's Search System are as follows.

Type	Title of Data
Bibliographies	Search Master(JP/1975~), FPD(EPO/1974~), IFD(EPO/1974~)
Abstracts	Japanese Patents(JP/1975~1996), FPD(EPO/1974~)

Full Texts	Japanese Utility Models(JP/1975~), USPTO(USPTO/1975~), Espace-A(EPO/1978~), Espace-B(EPO/1990~), Espace-world(EPO/1978)
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V. Activities in the field of computerized and other mechanized search systems:

A. In-house systems (online/offline);

KIPO's examiners can search data online by using the New Patent · Utility Model Search System. Data which are not accessible through the System can be searched by CDs kept in the Reading Room.

B. External databases;

CA and IEEE's Search Systems have already been incorporated into KIPO's Search System.

C. Administrative management systems;

KIPO completed the KIPOnet system, an online electronic filing and administration system, in December 1998. The KIPOnet system provides totally automated IPR administration processes for acceptance, examination, registration, publication of official gazettes, trial and so on.

D. Equipment used;

- Main Computers: HP T-series 2 set, HP K-series 3 set
- DBMS: Oracle
- Search Engine: Verity
- Web Server: Oracle Web Server

E. Existing online thesauri;

None

VI. Administration of the industrial property office library and services available to the public:

A. Collection of Industrial Property Information Resources in 1999

(1) Patent specifications ;

22 countries and 4 international organizations (AT, AU, BG, CA, CH, CN, DE, FR, GB, HU, ID, JP, LT, LV, PH, PL, RO, RU, TH, TR, US,

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