

ANNUAL TECHNICAL REPORT ON INDUSTRIAL DESIGN INFORMATION ACTIVITIES

1. Evolution of registration

- Trends or areas experiencing rapid changes with respect to the previous year

The Patent Office was established in the Department of Intellectual Property (DIP) in March 1999 for Industrial design and Invention patent handling all the processes ranging from filing patent applications to patent granting as a one-stop shop, these services were formerly assigned to the Examination 1 Division, Services and Information Division and the Registration and Documentation division.

The Patent Act (No.3) B.E 2542 will be effective from 27 September 1999, amending the current Patent Act to comply with the TRIPS Agreement. The main features of the amendment include:

- the implementation of the national treatment principle,
- the narrowing of the provisions on the exception to the rights of patentee,
- inclusion of provisions on the exhaustion of patent rights,
- amendment of provisions on compulsory licensing,
- the abolition of the Pharmaceutical Patent Board,
- inclusion of provisions on petty patent (utility models)

2. Matters concerning the generation, reproduction and distribution of industrial design documents and of secondary sources of industrial design information.

- **Publishing:** The official gazettes of patent applications were published approximately 48 times per year.

- **Main type of announcements of the office in the field of industrial design information:**

The DIP publishes office gazettes approximately 48 times per year and distributes to university's libraries, province offices and patent attorney law firms.

- **Mass store media:** The documents are currently stored in gazettes. In the future, they will be available in electronic form and on-line on the DIP web-site.
- **Databases and office automation:** Now the DIP stores publication in the databases. The user (The patent examiner and the general public) can search via Internet and LAN.

3. Matters concerning classifying, reclassifying and indexing of industrial design information according to the classification system applied:

The DIP classification and index industrial design in accordance with the guidelines set forth in the Patent Act B.E. 2522 (A.D. 1979) amended by Patent Act B.E. 2535 (A.D. 1992). Locarno Classification is used for reference or reclassification.

- **Bibliographic data and processing for search purpose:** The DIP stores bibliographic data in the database for searching.

4. Search file establishment and upkeep:

- **File building:** Applications are kept in files. Each of files is assigned an application number and barcode.
- **Update:** Application will be update each time that the applications submit amendments and paper documents.
- **Storage, including mass storage media and microforms:** Storage application file in paper. After granted patent, We store in electronic form.

- **Documentation from other offices maintained and/or considered part of the available search file:**

We use documents form of - USPTO on US gazettes.

- WIPO on International Designs Bulletin.

- JPO on Publication of Design gazettes.

The documentation form of USPTO, IBM and EPO, Which are on Internet for examination and searching.

5. Activities in the field of computerized and other mechanized search systems:

- **In – house system (online / offline)**

The IPIC system

The Industrial Property Information Center or IPIC system is a computer system, which is used to organize various industrial property databases at the computer center within the Department of Intellectual Property of Thailand. Database have been provided as follows

Industrial property information within Thailand

- a. Patent bibliographic data
- b. Patent application image and publication image
- c. Other relevant documents

- **External database**

In the IPIC system and searching, we have CD-ROM juke Box System.

Patent information from the other countries such as Japan (PAJ) United State of America (USPTO) and Europe (ESPACE) are stored on CD-ROM as a database.

The patent examiners of Department of Intellectual Property of Thailand: DIP can be accessed from the database on CD-ROM through an online system by CD-ROM jukebox System. The general public can easily access patent information from libraries (Public inspection rooms) at the DIP and Ministry of Science, Technology & Environment.

- **Search Patent on Internet**

Everyone can access easily to our Retrieval System on the Internet and search for patent information which is published in Department of Intellectual Property in Thailand. In this system, can get only the bibliographic data, figure and claim of the publication.

The web site is **http: // www.ipic.moc.go.th/**

- **Equipment Used**

The IPIC system's equipments there are :

<u>Hardware</u>	<u>(Qt.)</u>	<u>Open Software</u>	<u>Patent Application</u>
PC Server	(4)	Windows-NT	Domestic Patent Storage S/W
PC	(54)	Windows 95	Domestic Patent Retrieval S/W
Printer	(13)	Oracle 7.3.3	Internet Patent Retrieval S/W
Scanner	(7)	ARCServe	DEQES
Network Equipment		Firewall	
Jukebox		Backoffice	
		MS-Exchange	
		MS-Office	

- **System configuration**

Domestic document storage system operates by the following software

- (1) Bibliographic conversion software

Is a program to convert extracted text files from P/I Open system in-which has been introduced in DIP into Oracle database

- (2) Domestic document storage software

Is a program to store patent documents read from data entry terminals via image scanner in Oracle database.

- **IPIC system configuration**

1. Machine configuration

Machine specifications are described below,

1.1 Server (Express 5800)

(1) OS

Windows NT Server Ver 4.0

(2) Database

Oracle 7 Server for Windows NT Release 7.3.3

(3) Communication protocol

TCP/IP

(4) Others

SQL*Net TCP/IP for Windows NT Ver 2.2 or 2.3 (attached to Oracle 7 Server)

1.2 Terminal (Client PC)

The terminal needs the following software;

(1) Domestic document storage software or Domestic document retrieval software

(2) OS

Windows 95

(3) Communication protocol

TCP/IP

(4) Others

SQL*Net TCP/IP for Windows 95 Ver 2.2 or 2.3

Imaging Software for Windows 95 (Wang)

1.3 Bibliographic conversion terminal

The Bibliographic entry terminal needs the following software;

(1) Bibliographic conversion software

(2) OS

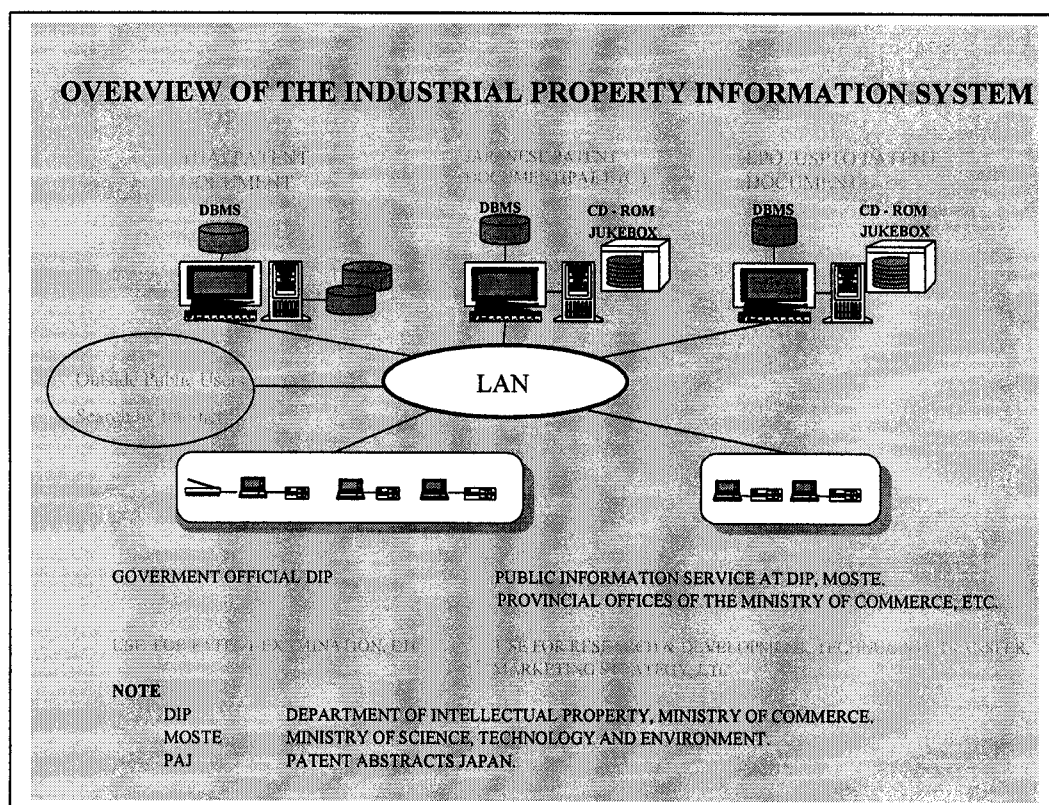
Windows 95

(3) Communication protocol

TCP/IP

(4) Others

SQL*Net TCP/IP for Windows 95 Ver 2.2 or 2.3



6. Administration of industrial design services available to the public:

- There are not any electronic security system and automation system in the IP Library now, but in the future we plan to set up the IP library automation by using the software which can share data or information with other libraries of government university or information centers.

- IP Library collects the patent literature and non-patent literature which concerning to intellectual property field. We procure acquire documents at the request of examiners or officers, and some library users.

- There are 3 kinds of document collections, those are

1. IP Information

1.1 WIPO Publication

1.2 IP Law Textbook

1.3 Related IP Law Text

1.4 IP Publication / Gazette

1.5 IP Journal

2. Scientific Information

2.1 Scientific Journal

2.2 Scientific Textbook

2.3 Scientific Dictionary & Encyclopedia

2.4 Researching publication / Thesis

3. Other information

- Now we do not have any network system of patent libraries or interlibrary lending in the country , but we provide document delivery service by FAX or urgent mail (EMS). User can receive document which he request within one day after requesting by FAX.

- For Information services available to the public, we have many services ; such as

1. guiding and training the user in searching with computer (LAN system and stand alone system)
2. document copying service
3. advice the user in the item of IP Information
4. document procuring when the patent information not available in IP Library
5. providing document lending for the officer
6. document delivery by FAX or EMS (user can request by FAX or E-mail)
7. Group training in the item of patent information searching or how to use the IP information when requesting by academic institute or private company.

7. Matters concerning mutual exchange of industrial design documentation and information.

- We do not have any international or regional cooperation in the exchange of Industrial design office in part of official gazettes and machine-readable information

8. Matters concerning education and training including technical assistance to developing countries:

- We send examiners to disseminate about Industrial design knowledge all over the country that required.

- We hold Industrial design exhibitions as a part of the DIP in potential province 10 time, last year.
- In case of Industrial design, we held on design contests for export goods promotion, which continues this year.
- Training courses for domestic and foreign participants: Last year, specialists from Japan visited our office to conduct.
- Seminars were held for design patent attorneys training.

Those activities have been held through out Thailand. However, we do not have any activity in foreign countries.