

***Using Electronic Industrial Property
Databases/Digital Libraries for Effective
Administration of Industrial Property Rights:
The Importance and Need of Regional Cooperation
and Coordination***

Shin UENO

Director

Patent Information Promotion Policy Office

The Japan Patent Office

WIPO ASIAN REGIONAL WORKSHOP

on use of information technology and management of Industrial Property Rights by small and medium-sized enterprises

Index

***1. Importance of Disseminating
IP Information***

2. Japanese experience

3. The Asian IP Network (AIPN)

1. Importance of Disseminating IP Information

(1) Purpose



- To obtain technological information
- To avoid duplication in R&D activities
- To promote technological development
- To predict product trend

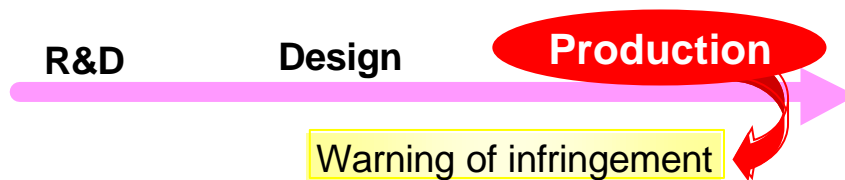
1. Importance of Disseminating IP Information

(1) Purpose (cont.)



- To survey prior art before filing
- To check infringement of rights

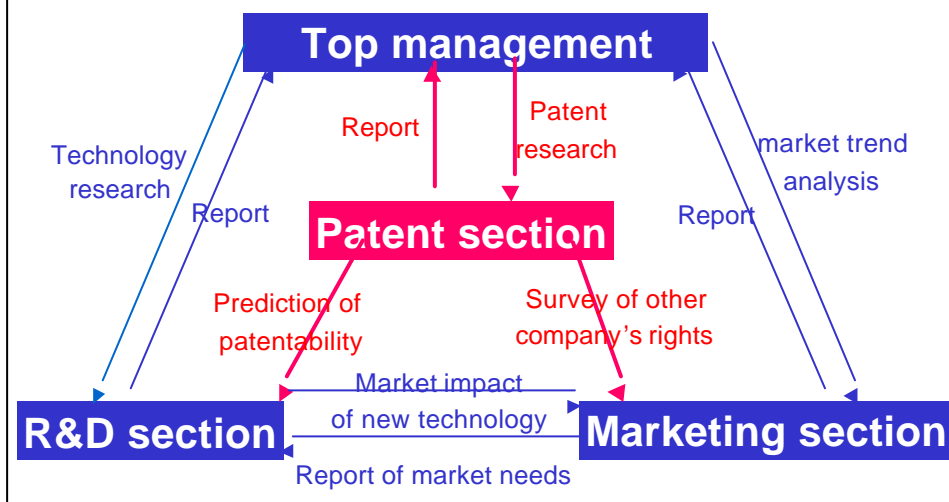
(1) Purpose (cont.)



- To protect new technology to prevent counterfeit
- To make business smoothly to be certified by IP rights

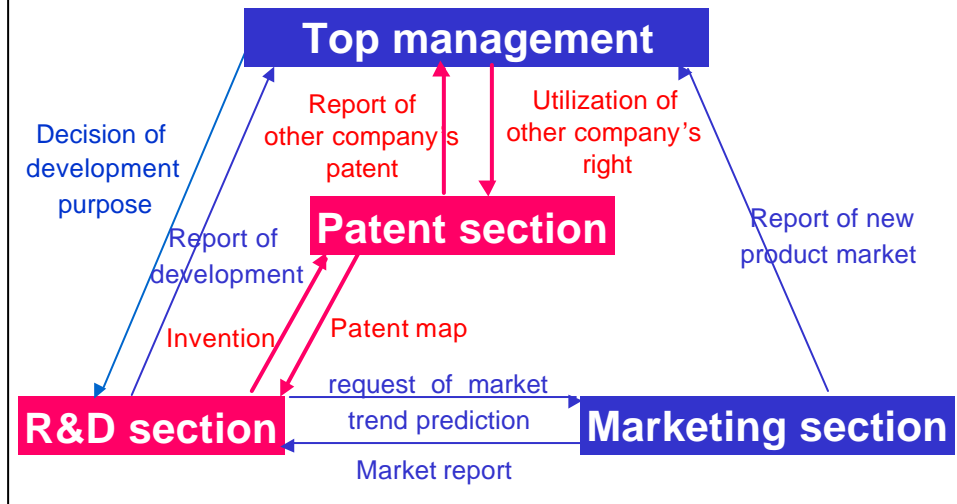
(2) IP management for product development

<Stage 1: To decide the goal of R&D>



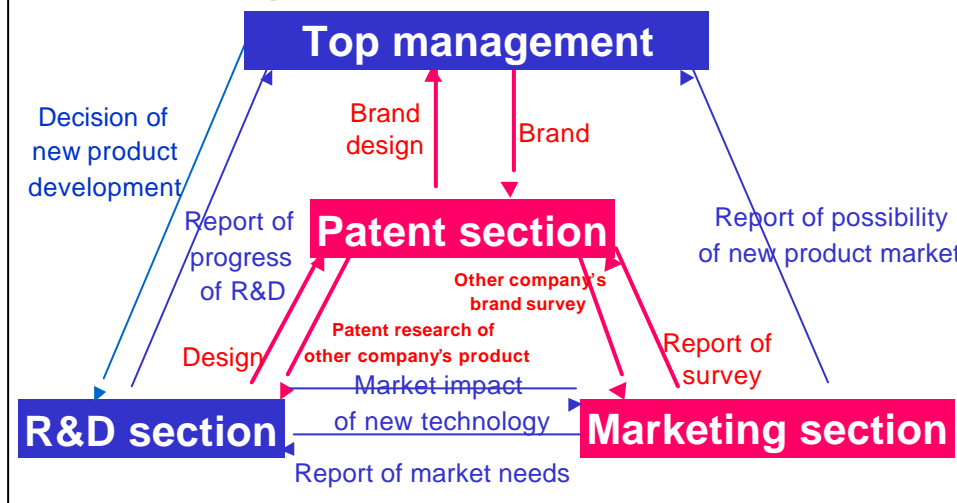
(2) IP management for product development
(cont.)

<Stage 2: Research & Development>



(2) IP management for product development
(cont.)

<Stage 3: Product development>



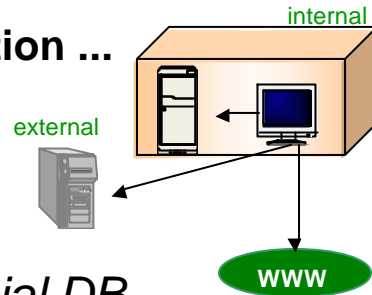
2. Japanese experience

(1) Big company's management

To obtain patent information ...

Usage of

- internal DB
- external commercial DB
- Internet free site

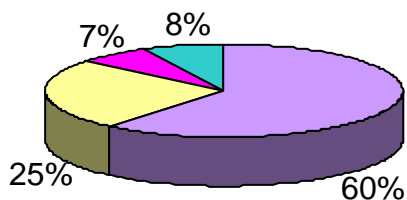
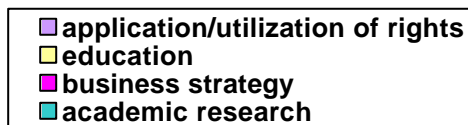


Big companies can manage all of them

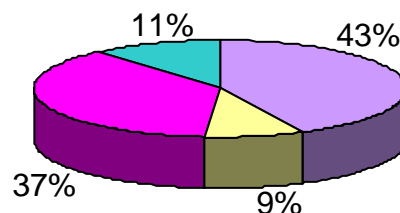
2. Japanese experience

(2) SMEs' management

(a) purpose of utilization of IP information

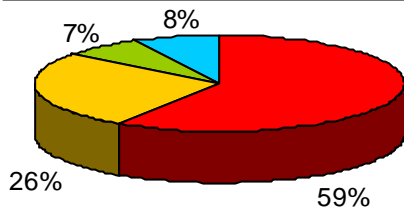
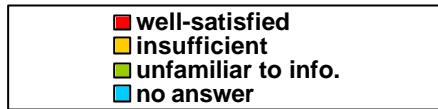


Big company

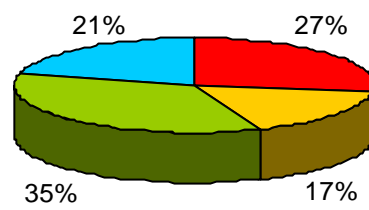


SMEs

(2) SMEs' management
(b) degree of satisfaction of IP information provided by JPO

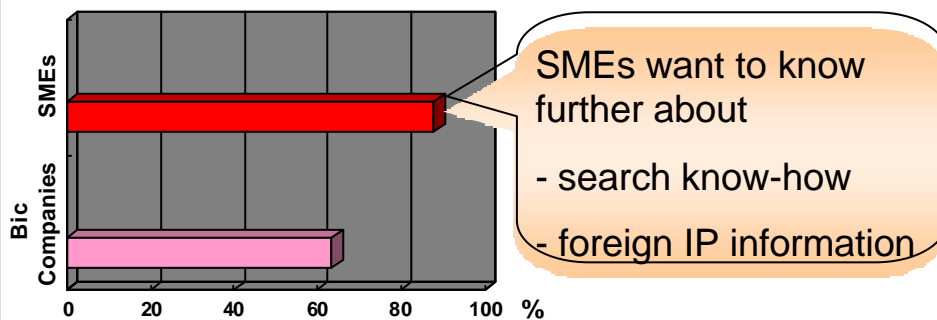


Big company
-> **High satisfaction**



SMEs
-> **Low satisfaction**

(2) SMEs' management
(c) demand for information provided by JPO



The JPO has to play for the dissemination of IP information for SMEs

(3) The role of the JPO to support SMEs

Big company -They can do themselves

SMEs -Not enough



unfamiliar how to search IP information
to use IP information
to manage IP rights

? need for support by JPO

(4) The JPO's IP Information dissemination (a) Effective use of JPO/IPDL 1

<what is IPDL?>



<http://www.jpo.go.jp/index.htm>

**IPDL(Industrial Property
Digital Library)**

Click here



(4) The JPO's IP Information dissemination
(a) Effective use of JPO/IPDL 2

<Services>

1. Search for Beginners (Patent & Utility Model, Trademark)
2. Patent & Utility Model
3. Design
4. Trademark
5. Foreign Patent
6. Appeal and Trial
7. Status Information
8. Others
9. Range of Documents

7 English Services

Patent

- FI/F-term Search (Automated Translation&Japanese Image)
- Patent Map Guidance
- Patent Abstracts of Japan (PAJ) (Automated Translation&Japanese Image)

Trademark

- Japanese Trademarks
- Japanese Well-known Trademarks
- Japanese Figure Trademarks
- List of Goods and Services



(4) The JPO's IP Information dissemination
(a) Effective use of JPO/IPDL 3

Japanese text search

Kind code

Publication number

Classification



Drawing

-> Investigation of prior art

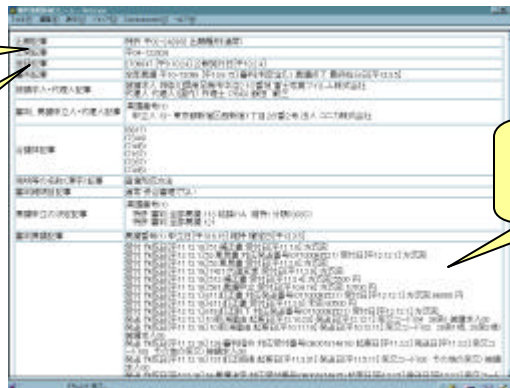
(4) The JPO's IP Information dissemination
(a) Effective use of JPO/IPDL 3 (cont.)

Legal Status Information

Application number

Patent number

Legal Status



-> Watching for other company's rights

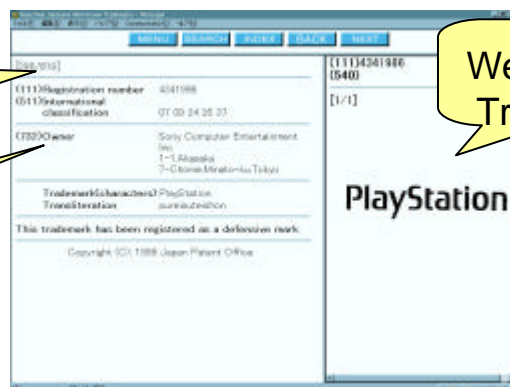
(4) The JPO's IP Information dissemination
(a) Effective use of JPO/IPDL 3 (cont.)

Searching Japanese Well-Known Trademarks

Registration number

Owner

Well-Known Trademark



-> Avoid duplication of application

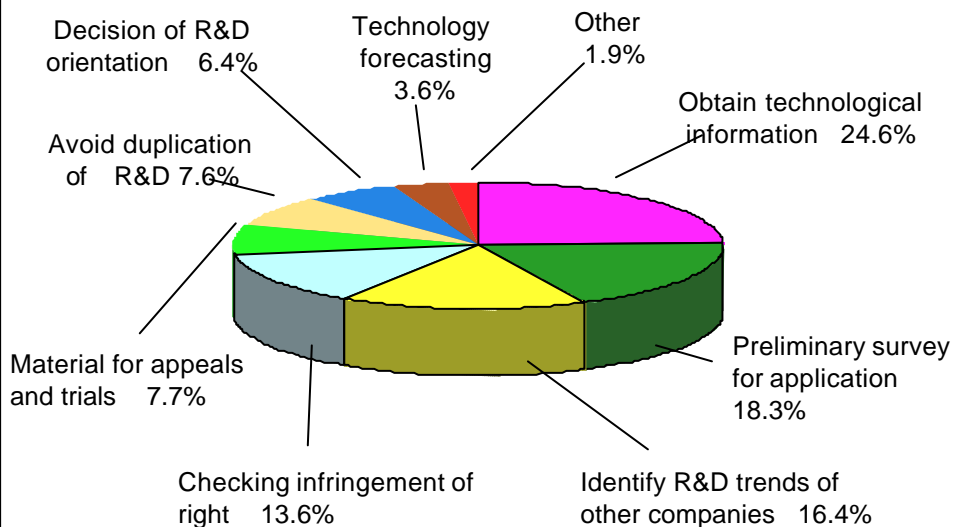
(4) The JPO's IP Information dissemination
(b) Benefits of IP Information Dissemination
via the Internet

Elimination of information gaps
between countries and regions

- Every one can enjoy the benefits of IP information. -

- ♣ To obtain technological information
- ♣ To avoid duplication in R&D activities
- ♣ To promote R&D activities
- ♣ Survey before filing
- ♣ To check infringement of rights

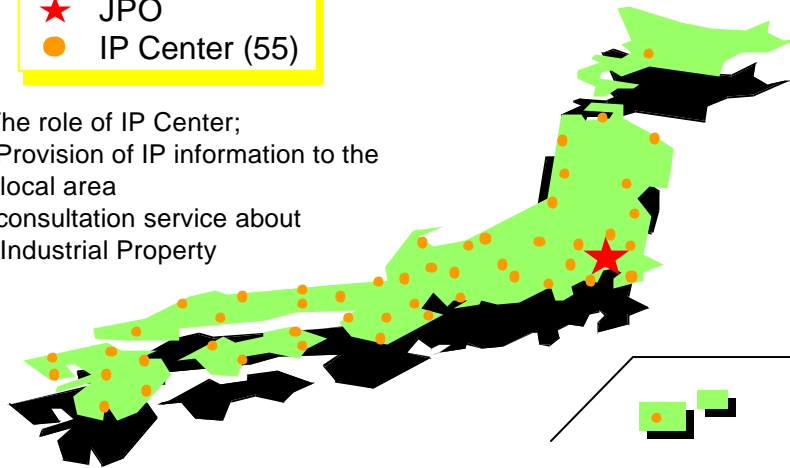
(4) The JPO's IP Information dissemination
(c) Purpose of using IPDL



(4) The JPO's IP Information dissemination
(d) provision of IP information to local areas

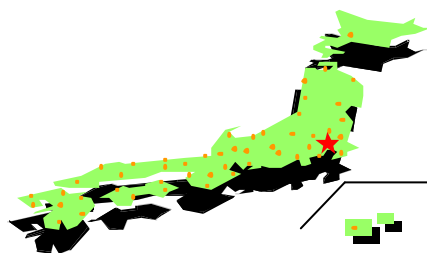
- ★ JPO
- IP Center (55)

The role of IP Center;
 •Provision of IP information to the local area
 •consultation service about Industrial Property



(4) The JPO's IP Information dissemination
(e) Support for searching information with IPDL search adviser

<The number of search adviser per prefecture>



	person	prefecture
1	x	43
2	x	2
3	x	2
Total		53 person

(4) The JPO's IP Information dissemination
(e) Support for searching information
with IPDL search adviser (cont.)

<What does retrieval adviser?>

* dispatch for in-house training



*conduct a workshop on IP information utilization

*teach how to search IP information at IP centers



(4) The JPO's IP Information dissemination
(f) Provision of the patent map

<What is Patent Map?>

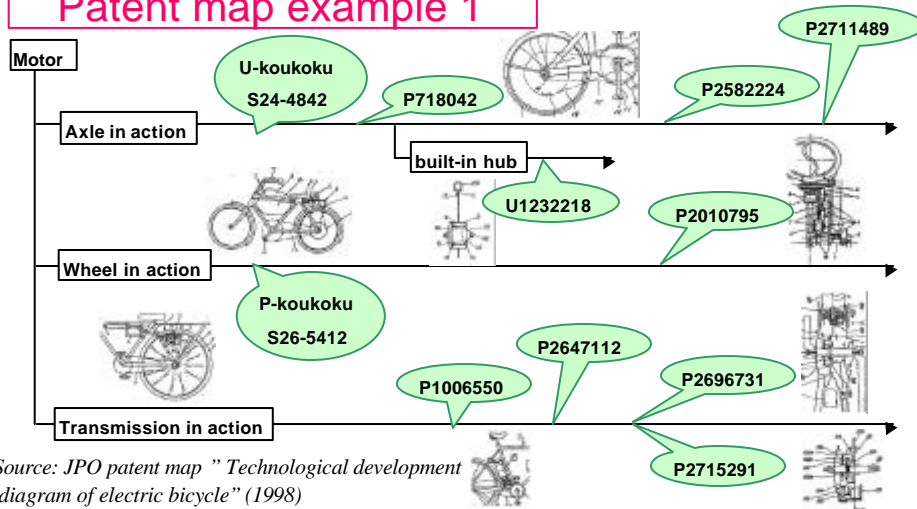
Collect necessary information from patent information (ex. gazettes)



Analyze, process, organize, and **visualize**

(4) The JPO's IP Information dissemination
(f) Provision of the patent map (cont.)

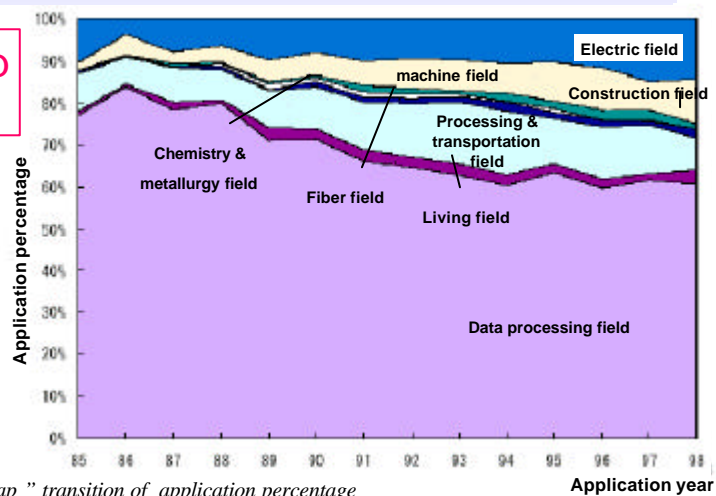
Patent map example 1



Source: JPO patent map "Technological development diagram of electric bicycle" (1998)

(4) The JPO's IP Information dissemination
(f) Provision of the patent map (cont.)

Patent map example 2



Source: JPO patent map "transition of application percentage (sectoral applied technology of artificial intelligence technology)" (2000)

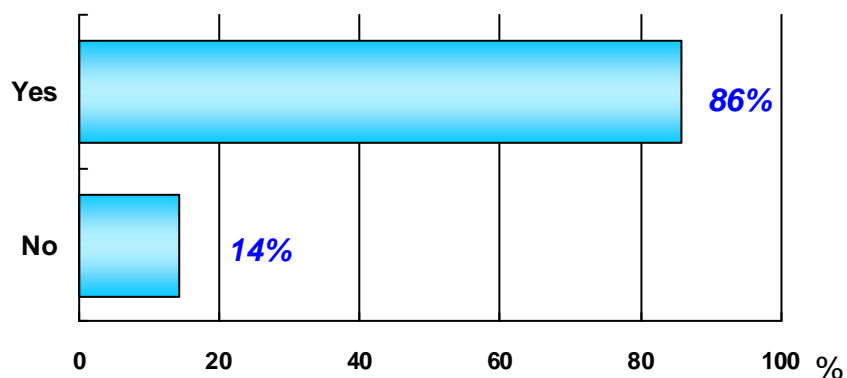
(4) The JPO's IP Information dissemination
(f) Provision of the patent map (cont.)

<Function of Patent Map>

- Evaluation of direction of technical development
- Search of technical development for new service
- Search & evaluation of technical distribution
- Acquisition of strong rights
- Accurate response against lawsuit
- Monitoring of development trends of rivals

(4) The JPO's IP Information dissemination
(f) Provision of the patent map (cont.)

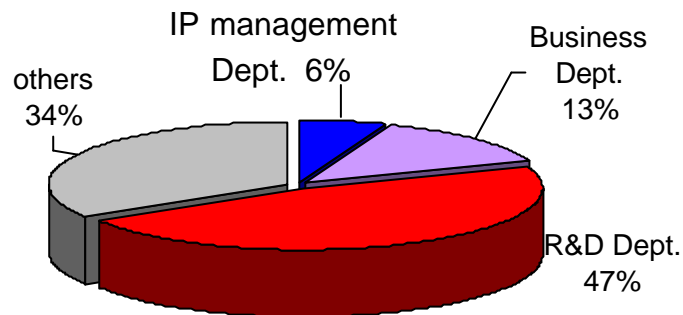
<Using the Patent Map?>



Source: IIP "Report on Patent Management" (Tokyo 1998)

(4) The JPO's IP Information dissemination
(f) Provision of the patent map (cont.)

<Users of Patent Map Information>



Source: IIP "Report on Patent Management" (Tokyo 1998)

3. The Asian IP Network (AIPN)
(1) Concept

Provision of examination
Information from JPO in English

Family Data

Legal status

Cited documents, reference

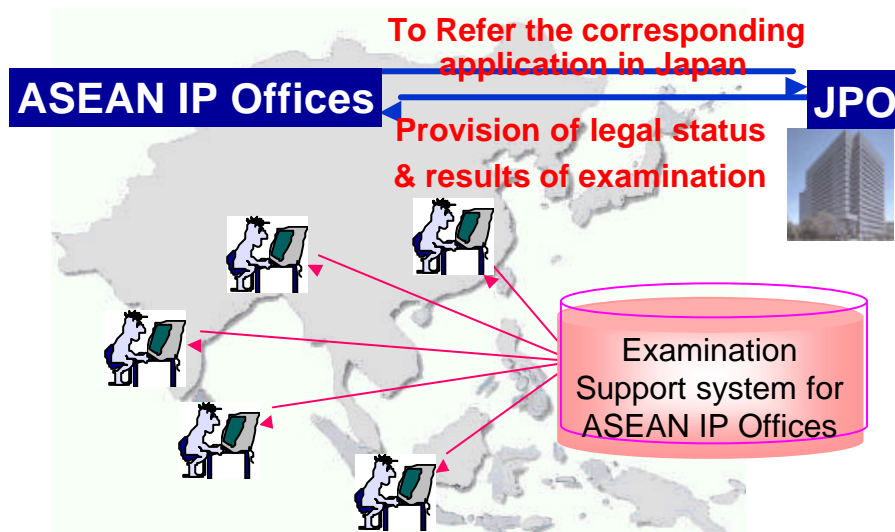
Claims of issued patents

etc...

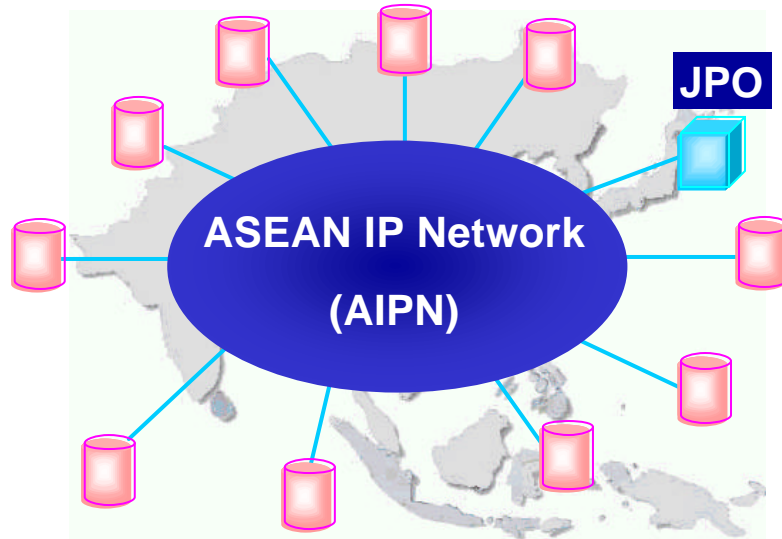
(2) Benefits of AIPN

- **IP offices** : reducing workload of search / examination
- **Applicants** : grasp of legal status of their own applications in foreign countries

(2) First phase



(3) Second phase



*Thank you
for your attention*