

# Initiative on the Promotion of Patent Information by JPO

Nov. 5. 2015 JAPAN PATENT OFFICE Patent Information Policy Planning Office Norihisa KATO



- 1. Introduction What is Patent Information (PI)?
- 2. Dissemination and Utilization of PI
- 3. Framework of Provision of PI in Japan
- 4. Provision of PI through the Internet for public
  - 1) Internet Gazettes, PAJ
  - 2) J-PlatPat
  - 3) CN-KR Gazette Translation and Search System
  - 4) FOPISER
  - 5) Graphic Image Park
- 5. Provision of PI through the Internet for Foreign IP offices
  - 1) AIPN
  - 2) OPD
- 6. Data Exchange among IP Offices



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• Publications(primary document)

 Publication of unexamined patent application, patent gazette, design gazette, trademark gazette, journal of technical disclosure, etc.

### • Abstracts(secondary document)

- Japanese abstracts of foreign publications, English abstracts of unexamined Japanese patent applications (PAJ)

### Classification and description

- IPC list, FI list, F-term list, FI handbook, D term, Japanese Classification for Industrial Designs, Vienna Classification of Figurative Elements of Marks, etc.

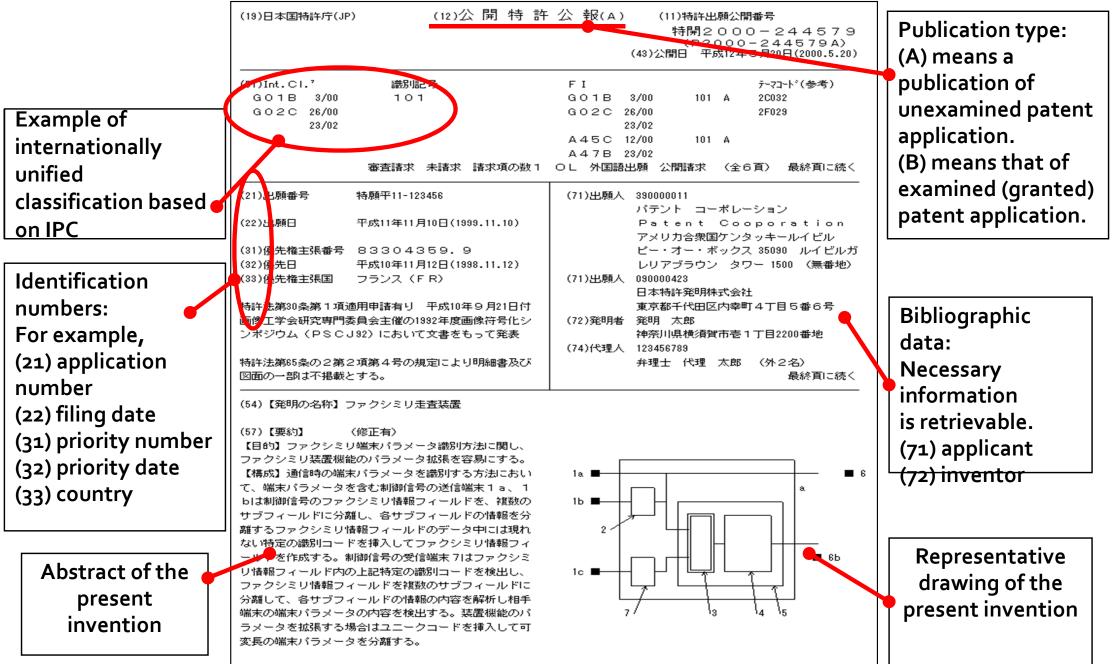
### Legal status data and bibliographic data

- Standardized data

Not only Patent, but also Utility Models, Designs, Trademarks

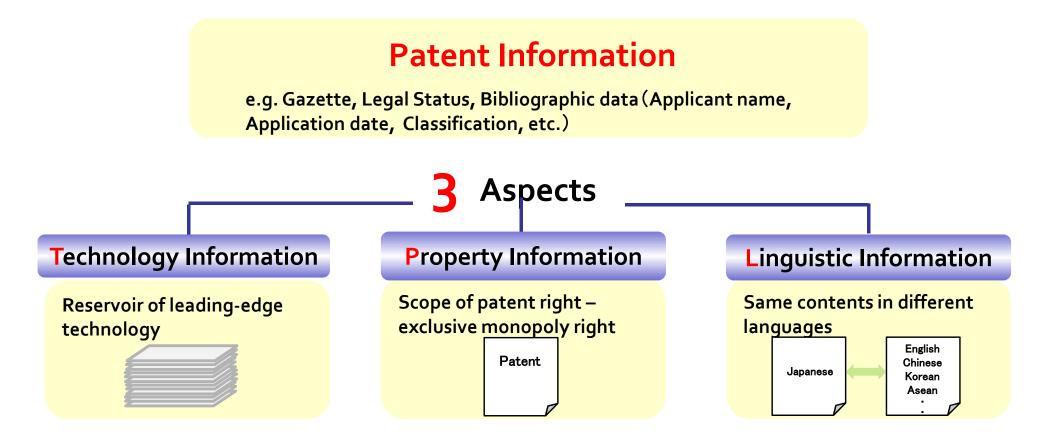
### **Example of Gazette** (Unexamined Patent Application)





### **Major Aspects of Patent Information**





#### Changed from Paper Data to Electronic Data

#### **Expand utilization of Patent Information**



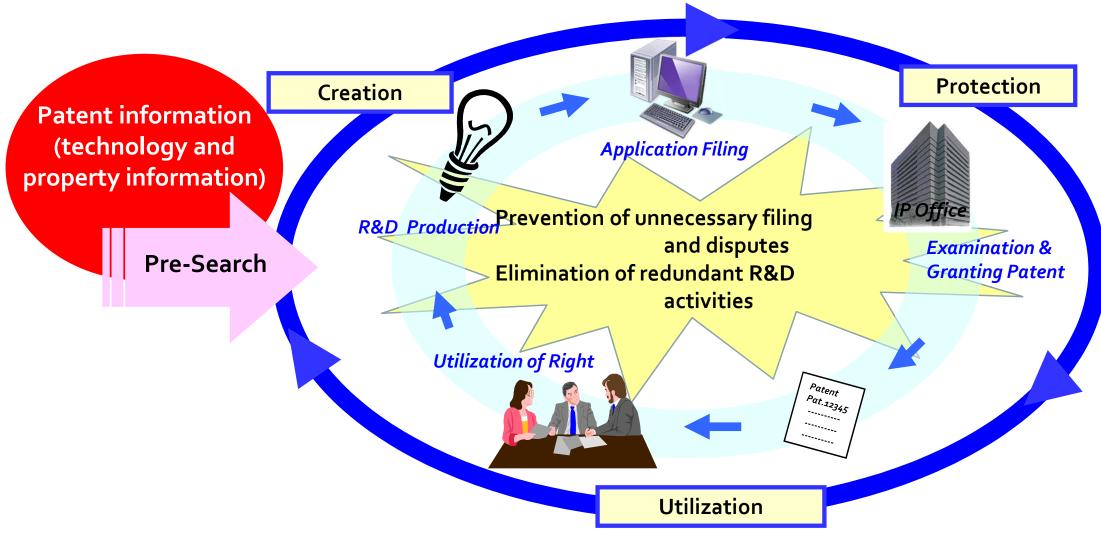
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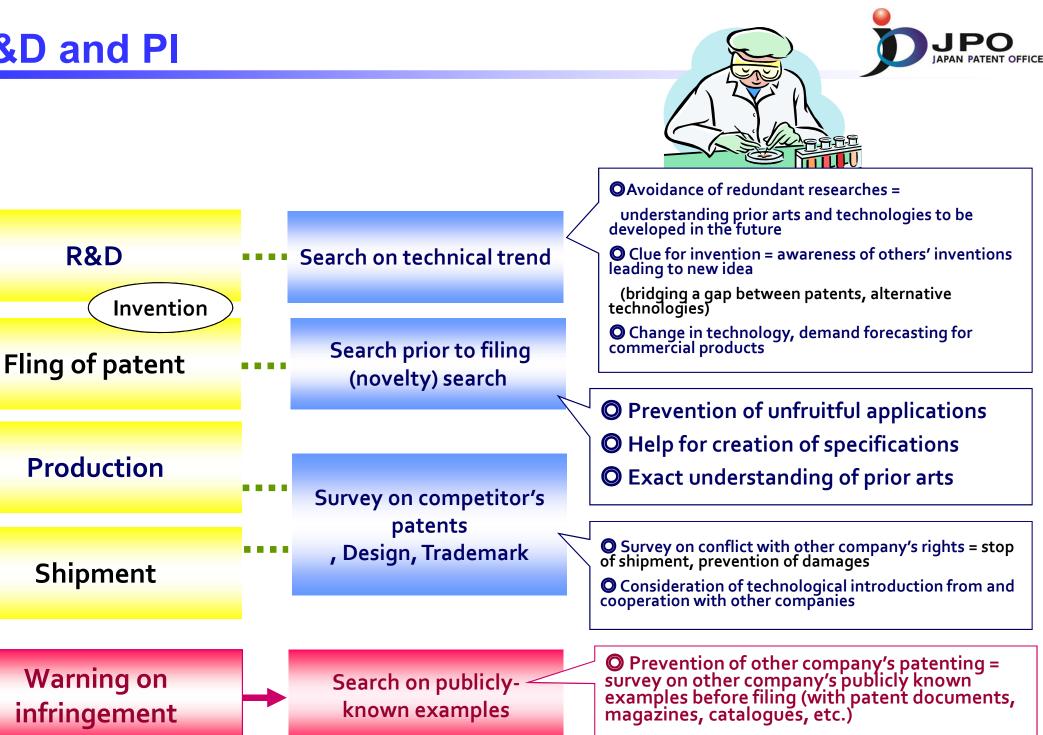
### **Purpose of PI Dissemination**



Patent Information is indispensable

for creation, protection and utilization of IP.



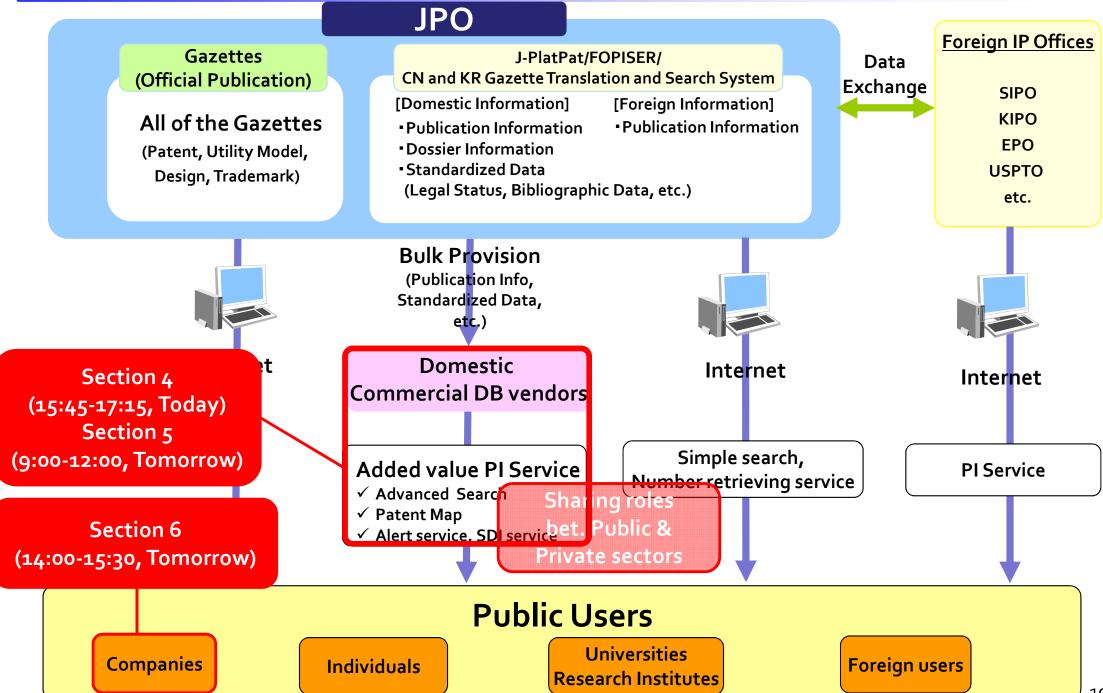




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### **Framework of Public Dissemination of Data**





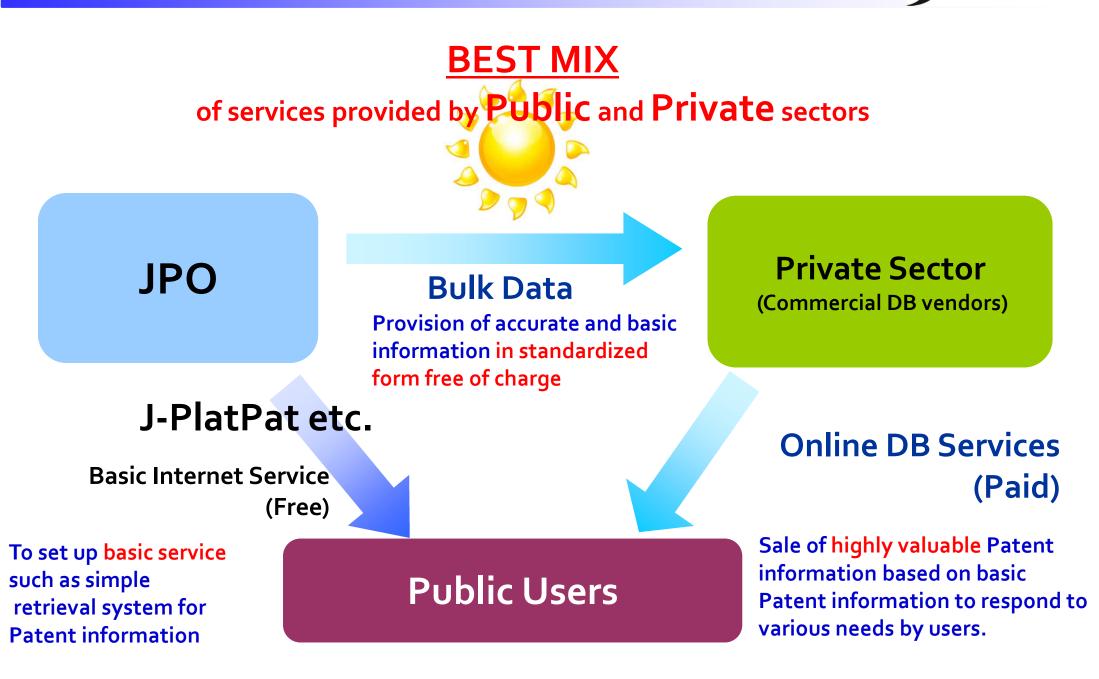
#### **History on Patent Information Dissemination Policy**



#### The 19th session of the Information Committee of the Industrial Property Council (June, 1997) **1.** Patent information dissemination through the Internet The JPO provides Patent information free of charge through the Internet. → Start IPDL (Mar. 2015-: J-PlatPat) 2. Review on price for provision of IP Information JPO's retained data are provided at marginal cost. **Providing Standardized data** 3. Further promotion of cooperation with other offices Data exchange among foreign offices etc. Article 20 of "INTELLECTUAL PROPERTY BASIC ACT" (December, 2002) National government is responsible for dissemination and utilization of patent information. Committee for Promotion of Utilization of Patent Information (March, 2003) **1.** Public sector "BEST MIX" of Provision of exact and basic "primary information" Public 2. Private sector and

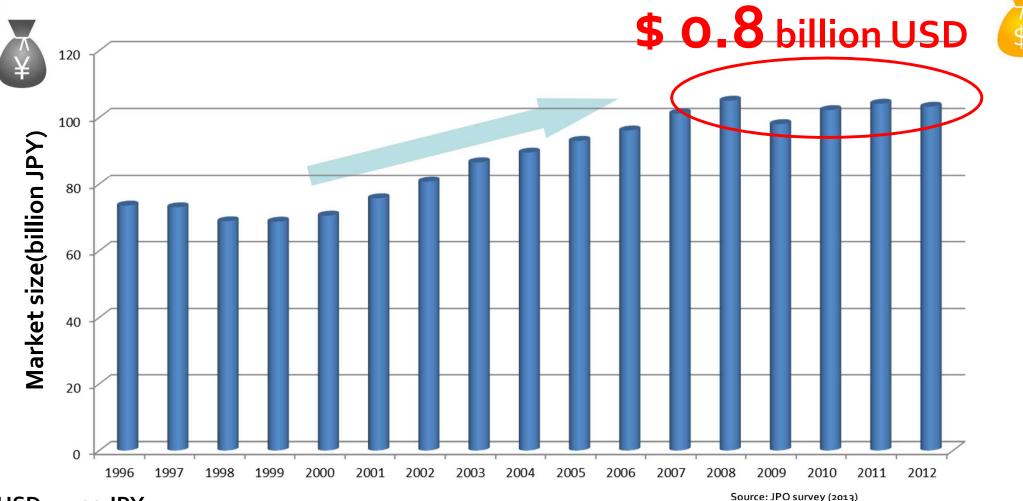
**Provision of "high-value added information / service"** based on primary information

**Private sectors** 









#### **Recent Report on Patent Information Dissemination Policy**



#### Intellectual Property Subcommittee Meeting of Industrial Structure Council – February 2014

#### JPO should...

#### Realize the Service of Providing Patent Information with the World's Utmost Quality

- Pay attention to sharing the roles between the public and private sectors
- Develop a new information base in order to provide services with the world's utmost quality to exceed the similar services of other foreign IP organizations such as WIPO and EPO



In the future, JPO will develop the new policy on what public service should do by reference to the services by foreign IP offices.



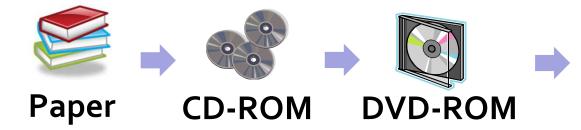


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### **Internet Gazettes**



- > JPO have issued the official publications (gazettes) based on the respective IP law since 1889.
- Due to the IT development, JPO launched "Internet Official Publication Site" in January of 2006 and started providing the Utility Model gazettes via Internet.



#### Internet

	nce Official Publication   via the Internet
Published Registere Registered Tradem	ned Unexamined Patent Applications, Published Registered Patent Applications, ed Utility Model Applications,Published Registered Design Applications, Published rark Applications, Published Unexamined/International Trademark Applications, s on Appeal/Trial and Patent Office gazette are issued.
Important Ne	ws
Appeal/Trial and	nined Patent Applications, Published Registered Patent Applications, Published Decisions on Patent Office Gazette have also been provided via the Internet from April 2015. publications issued by the Japan Patent Office are available for download on this site.
signatures to pre-	above, security measures have been changed to SSL server certifications from the digital vent spiteful modifications. necessary to divide files and verify the digital signatures.
only available for	s issued on the Internet within last twelve months (from April 1, 2014 to March 31, 2015) are download. sd on the Internet before April 1, 2014 will be stored when they are ready.
What's New	
27/07/2015	Published Unexamined Patent Applications 27(2015)-047[647] is publicated.
• 27/07/2015	Published Registered Design Applications 27(2015)-029[780] is publicated.
• 24/07/2015	
	Published togistered besign Applications 27(2013) 025(700) is publicated.
9 23/07/2015	
20/07/2013	Publish edition 27(2015)-007[765] is publicated. Trademark list 27(2015)-007[259] is publicated.
20/07/2013	Publish edition 27(2015)-007[765] is publicated. Trademark list 27(2015)-007[259] is publicated. Published Registered Utility Model Applications 27(2015)-028[476] is publicated.
23/07/2015	Publish edition 27(2015)-007[765] is publicated. Trademark list 27(2015)-007[259] is publicated. Published Registered Utility Model Applications 27(2015)-028[476] is publicated. List of final decisions on parent application 27(2015)-007[259] is publicated.
<ul> <li>23/07/2015</li> <li>22/07/2015</li> </ul>	Publish edition 27(2015)-007[765] is publicated. Trademark list 27(2015)-007[259] is publicated. Published Registered Utility Model Applications 27(2015)-028[476] is publicated. List of final decisions on parent application 27(2015)-007[259] is publicated. Published Registered Patent Applications 27(2015)-029[553] is publicated.
<ul> <li>23/07/2015</li> <li>22/07/2015</li> <li>22/07/2015</li> <li>21/07/2015</li> </ul>	Publish edition 27(2015)-007[765] is publicated. Trademark list 27(2015)-007[259] is publicated. Published Registered Utility Model Applications 27(2015)-028[476] is publicated. List of final decisions on parent application 27(2015)-007[259] is publicated. Published Registered Patent Applications 27(2015)-029[553] is publicated. Published Unexamined/International Trademark Applications 27(2015)-028[772] is publicated.
<ul> <li>22/07/2015</li> <li>22/07/2015</li> <li>22/07/2015</li> <li>21/07/2015</li> <li>21/07/2015</li> <li>21/07/2015</li> </ul>	Publish edition 27(2015)-007[765] is publicated. Trademark list 27(2015)-007[259] is publicated. Published Registered Utility Model Applications 27(2015)-028[476] is publicated. List of final decisions on parent application 27(2015)-007[259] is publicated. Published Registered Patent Applications 27(2015)-029[553] is publicated. Published Unexamined/International Trademark Applications 27(2015)-028[772] is publicated. Published Registered Trademark Applications 27(2015)-028[779] is publicated.
<ul> <li>23/07/2015</li> <li>22/07/2015</li> <li>22/07/2015</li> <li>21/07/2015</li> <li>21/07/2015</li> <li>21/07/2015</li> </ul>	Publish edition 27(2015)-007[765] is publicated. Trademark list 27(2015)-007[259] is publicated. Published Registered Utility Model Applications 27(2015)-028[476] is publicated. List of final decisions on parent application 27(2015)-007[259] is publicated. Published Registered Patent Applications 27(2015)-029[553] is publicated. Published Unexamined/International Trademark Applications 27(2015)-028[772] is publicated.

### **Internet Gazettes**



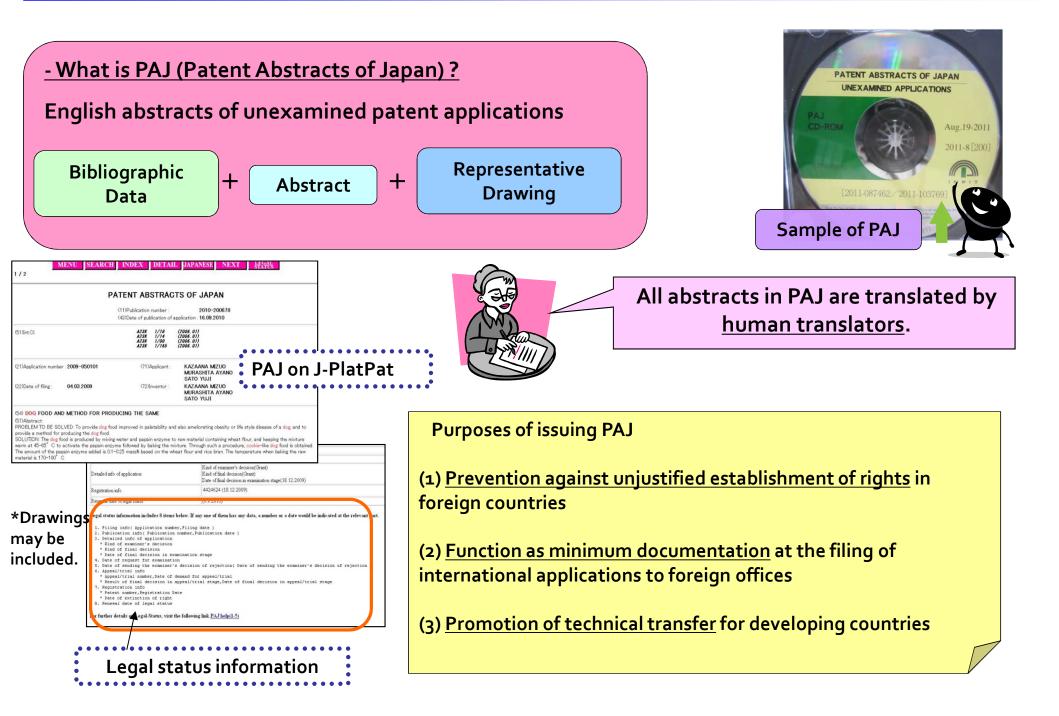
The Internet gazettes started since 2006. At present, the gazettes of utility model, design, trademark are currently issued via internet.

From April, 2015, all of the Japanese gazettes – including patent - will be issued via internet.

Japan Patent Office			Lat	est Publicat	tion			
	Plea	se select a volume	to download					
日本語 Official Publication via the Internet At this site, Published Registered Utility Model Applications, Published Registered Design Applications, Published Registered Trademark Applications and Published Unexamined International Trademark Applications are issued.	Publi	shed Registered Utili	ity Model Applications				0	
Important News			Vol.	Range	ZIPP7 format	TARP7 format		
The operation of the E-signature Publication File Verification program has been confirmed in the environment described in "Method of E-signature Publication File Verification" under the follwoing recommended version of OpenSSL and Jave Runtime Environment (/RE). • OpenSSL 1.0.0 (Because there was attention awakening about the weakness of OpenSSL, please be downgraded.) • /RE 7.0 Update 45		9.10.2014	26(2014)-039[437]	3193471 - 3193617	49,176,534 bytes the number of files:1	66,125,268 bytes the number of files:1 FTP HTTP		
The official gazette data currently offered at this site does not correspond under the Windows Vista environment. Keep in mind that official gazette data has a possibility that the phenomenon of a character not being displayed in part may occur although perusing in	Publi	shed Registered Des	ign Applications					
the Windows Vista environment is possible.		Date of Publication	VoL	Range	ZIPP7 format	TARP7 format		
What's New       Guidance         >9/10/2014       Published Registered Utility Model Applications 26(2014)-039[437] is publicated.       Updates         >9/10/2014       Updates         >9/10/2014       Updates		6.10.2014	26(2014)-039[740]	1425069 - 1508651	93,583,319 bytes the number of files:1 FTP HTTP	125,379,360 bytes the number of files:2		<b>Download</b>
»7(10/2014 ·Published Registered Trademark Applications 26(2014)-039[740] is publicated. »6(10/2014	Publi	shed Registered Trad	demark Applications			1		[公和報知] 公司申組(2) (210) (四朝田利) (朝夏 2014 - 73522 (12014 - 73522) (220) (四朝1) (第226年8月20日 (2014 - 8, 20) (540) (明1)
Published Registered Design Applications 26(2014)-039[740] is publicated. »210/2014 Published Registered Utility Model Applications 26(2014)-038[436] is publicated. »210/2014		Date of Publication	Vol	Range	ZIPP7 format	TARP7 format		C SO JIMA
-Published Unexamined/International Trademark Applications 26(2014)-038[732] is publicated. *30/9/2014 -Published Registered Trademark Applications 26(2014)-038[739] is publicated. *29/9/2014 -Published Registered Design Applications 26(2014)-038[739] is publicated.		7.10.2014	26(2014)-039[740]	5698923 - 5700747	34,330,618 bytes the number of files:1	53,894,188 bytes the number of files:1		NE - CON - FI
	Publi	shed Unexamined/Int	ernational Trademark 4	Applications		<u> </u>		U-Plat Pat
Download Publications Latest Publication Publication		Date of Publication	Vol.	Range	ZIPP7 format	TARP7 format		
runneatton				2014-076556 -	35,248,663 bytes the number of files:1	56,161,876 bytes the number of files:1		
		9.10.2014	26(2014)-039[733]	2014-076556 - 2014-078378	FTP HTTP	FTP HTTP		(5-11) 【藤晶長灯信頼の尽分波灯に街空商組以は街空夜商】 第9番 インターネットを着てて多ウゴロードできる着子伝動物
	Past F	ublication	1	1	1	1		第14第 国政務 第41第 三次単作権法、第74 5時金の発統、インターネットを利用したが消費な完計の対策に第74 5時40 税(3)11 2000年代、第74 5時の介積 (731)1 2000月 (2010年代)12 2010 50 38 [26 52 21 64 53 20 21 0 50 38 [26 52 21 64 53 20 21 0 50 38] [26 52 21 64 53 20 21 0 50 38]

### **Patent Abstracts of Japan (PAJ)**





### **PI Service provided by JPO**



	J-PlatPat	CN and KR Gazette Translation and Search System	FOPISER	Graphic Image Park
Document	Patent, Utility Model Design, Trademark	Patent, Utility Model	Patent, Utility Model Design, Trademark	Design (Graphic Image Design only)
Country	Major 10 countries: e.g.) JP, US, EP, CN, KR	CN, KR	RU, TW, AU, OHIM ※To be expanded	JP
UI language	Japanese/ English	Japanese	Japanese	Japanese
Release	March, 2015 ※IPDL was finished in March, 2015	January, 2015	August, 2015	October, 2015

### Japan Platform for Patent Information(J-PlatPat) – English Ver. JPO

	Model Number search ent & Utility Model mber Search	Design Classification search • FI/F-term Search	Tra	demark Classification
Nur	ent & Utility Model			Classification
Nur		• FI/F-term Search	• PAJ	(
			_	• Patent Map Guidance(PMG
Design	sign Number S <u>earch</u>	• <u>Design Classification Search</u>		• <u>Japanese Design</u> <u>Classification List</u>
R Trademark		• <u>Searching Figure Trademarks</u> or Non-traditional Marks	<ul> <li>Japanese Trademark Database</li> <li>Searching Goods &amp; Services</li> <li>Japanese Well-Known Trademark</li> </ul>	<u>Table of the Classification</u> <u>Figurative or Other Eleme</u> <u>of Marks</u>
NEWS	Database Contents     MPatent & Utility Model     MFI/F-term Search	I Number Search INDesign Number S		
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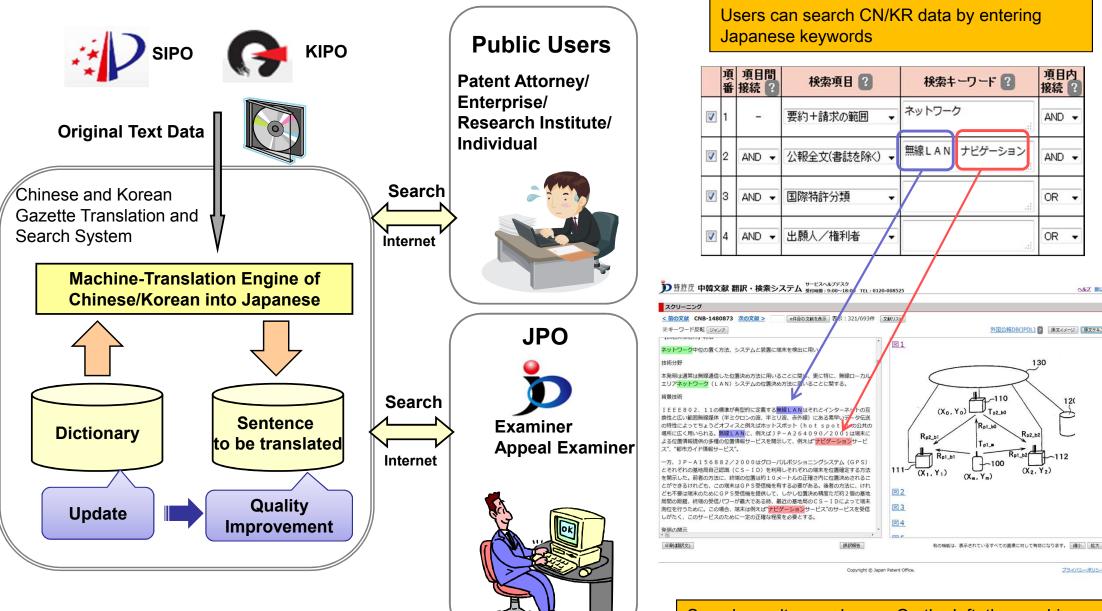
'Classification search,' 'Text search,' and 'Classification' is indicated to enable easy access to the designated service.

http://www.jpo.go.jp/torikumi\_e/hiroba\_e/platform\_patent.htm

nd INPIT

#### **CN and KR Gazette Translation and Search System**



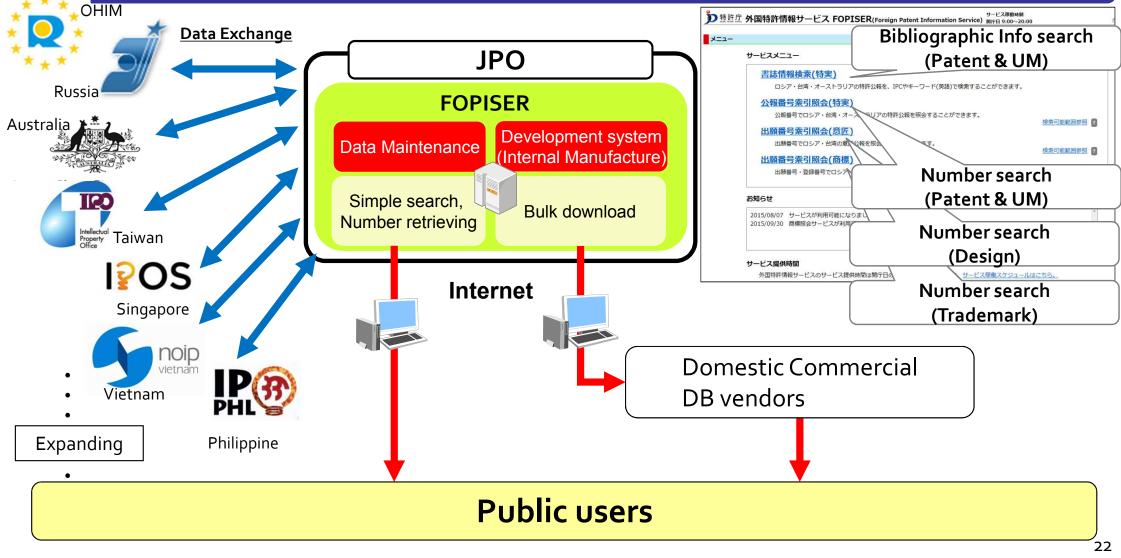


Search results are shown. On the left, the machine translated sentences are indicated (colored words are keywords used for searching) and the drawings are indicated on the right.

### Foreign Patent Information Service (FOPISER)



Foreign patent information which are newly received through the data exchange are stored into the new system, named "FOPISER" which are produced by JPO technical team. FOPISER started on August 7 to the public users and the domestic commercial DB vendors via Internet by Japanese UI.

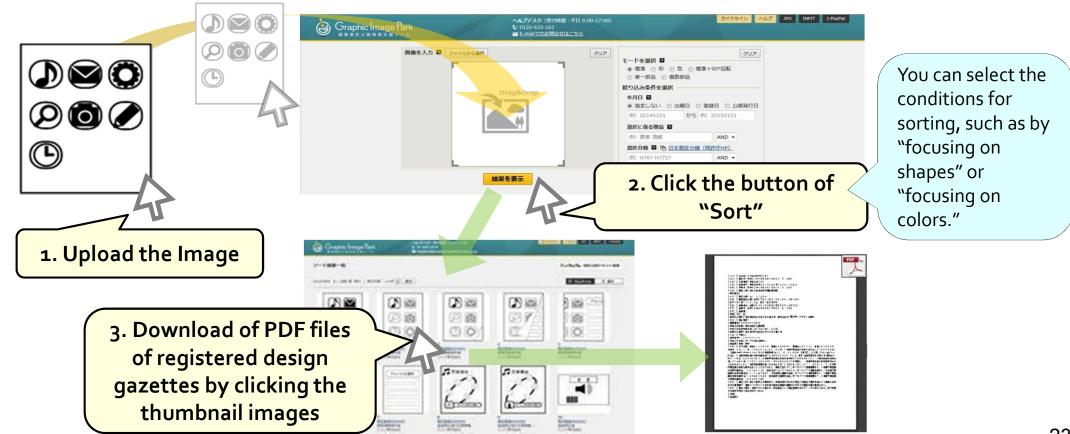


# **Graphic Image Park**



"Graphic Image Park" started on October 1 to the public users. You can only upload images to compare with registered designs about graphic images, no expert knowledge.

- ➢Graphic Image Park is always available on the Internet for free. (In Japanese only...)
- > You can sort images by image matching technology.
- >You can download the PDF files of registered design gazettes by clicking the thumbnails after sorting.





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# **Referencing JPO Examination Information**



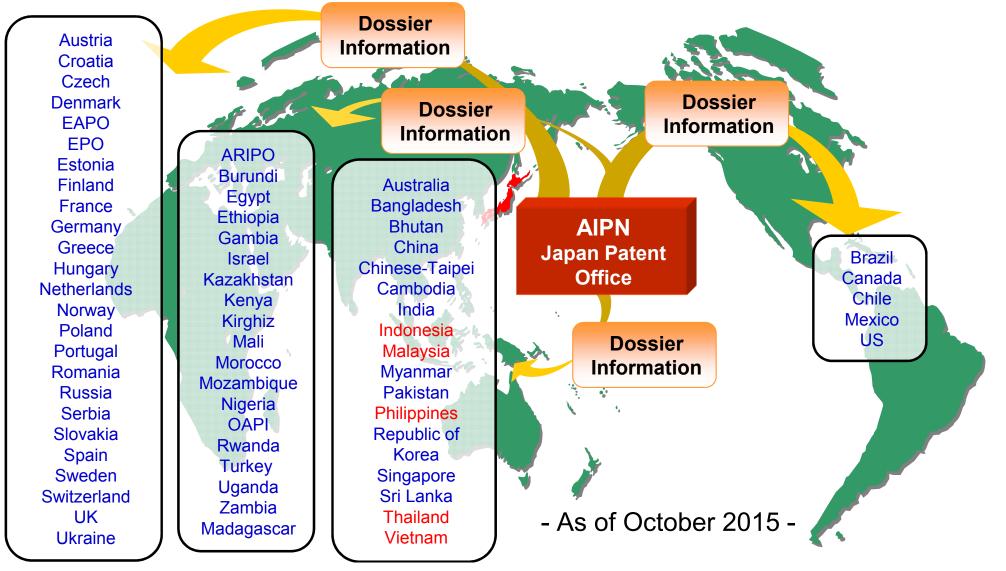
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#### Advanced Industrial Property Network (AIPN)

 $\checkmark$  Provision of examination-related information by JPO

- Reducing of burdens on examiners in foreign offices
- Reducing of burdens on applicants

✓ The AIPN started on 12 October 2004, now it is used in 67 IPOs around the world





The AIPN is a web-based service that can be accessed only by examiners in foreign IP offices.
 The AIPN provides dossier information on and the legal status of applications examined by the JPO.

>Information is translated into English by Japanese-English machine translation.

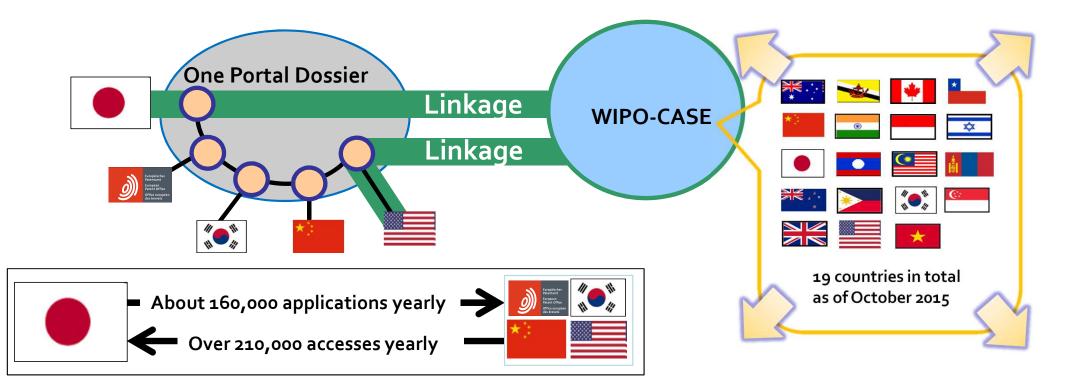
> The AIPN is a useful tool for utilizing the JPO's examination results.

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arch from JAPANESE	Application/Priority/Publication/Patent Number	
Туре	Patent application/priority number	
Document Number	e.g. 2015-00012X	
Display Type	File Wrapper Information O Patent Family	
Note: Please select "Pat	tent Family" when you search by PCT international publication nu	mber as
corresponding file wrap	oper information is not directly accessible.	
	Click here for Stored Data Information.	Submit
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Application Number	e.g. US-2015-00012X	
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# **Global Dossier: Work-Sharing Network**



- JPO has played a leading role in development of the One Portal Dossier (OPD), which turned an indispensable tool among all IP<sub>5</sub> Offices.
- JPO and WIPO established global work-sharing network, connecting its OPD and WIPO-CASE in their mid-term joint mission.
- JPO continuously makes efforts to expand the network and to advance strongly work-sharing initiatives as a front-runner.

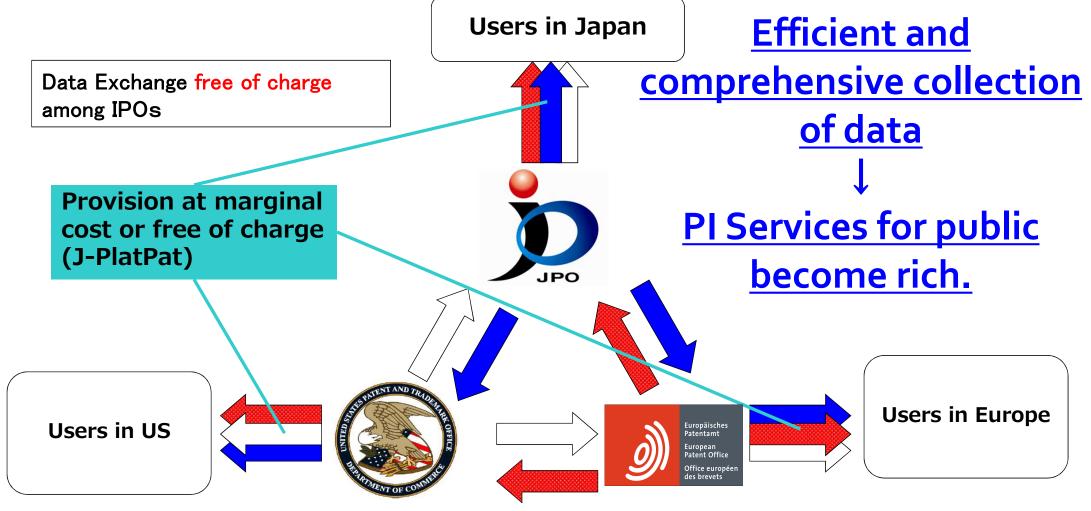




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#### Policy on the Use of Exchanged Electronic Patent Information Data DJPO

#### [Basic Principles] IP5 Offices share the common understanding that patent information shall be provided to the public and to any third party based on the existing principle of marginal cost or free of charge.



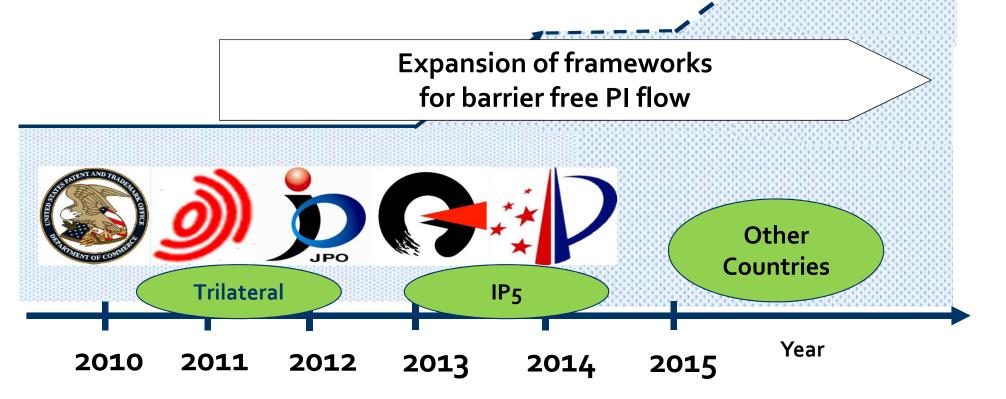
\* Arrows: Data flow among Offices and the public

(Note) Member countries of EPO are included

Expansion of Trilateral PI(Patent Information) Policy to IP5 Policy

#### Barrier free exchange of data to be widely disseminated

- 2010: Agreed on Trilateral PI Policy
- 2011: Started to discuss the expansion of Trilateral PI Policy to IP5
- 2012: Drafted IP5 PI Policy proposed by EPO
- 2013: Agreed on IP5 PI Policy presented at IP5WG2
- 2014: Agreed on Action Plan for IP5 PI Policy

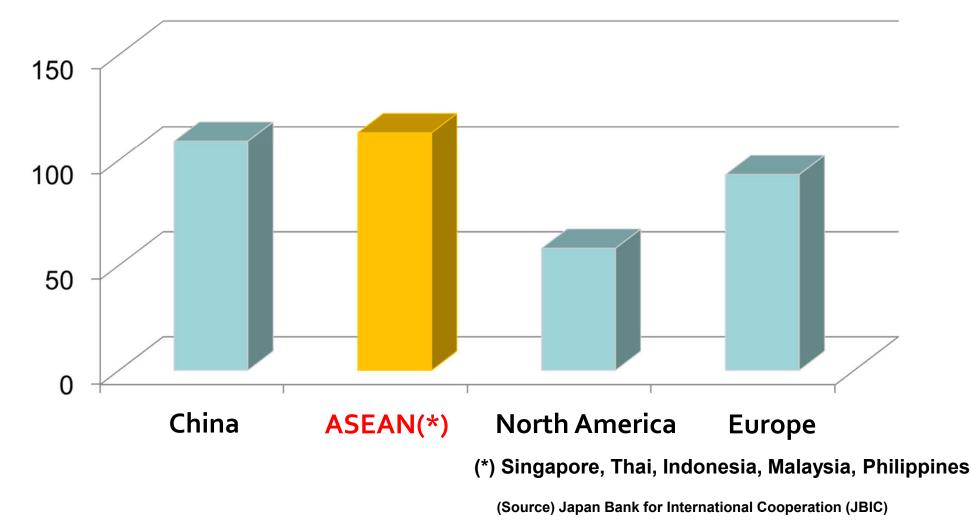


### **ASEAN countries for Japanese companies**



The increments of overseas subsidiaries of Japanese companies in ASEAN have exceeded those in China in 2013.

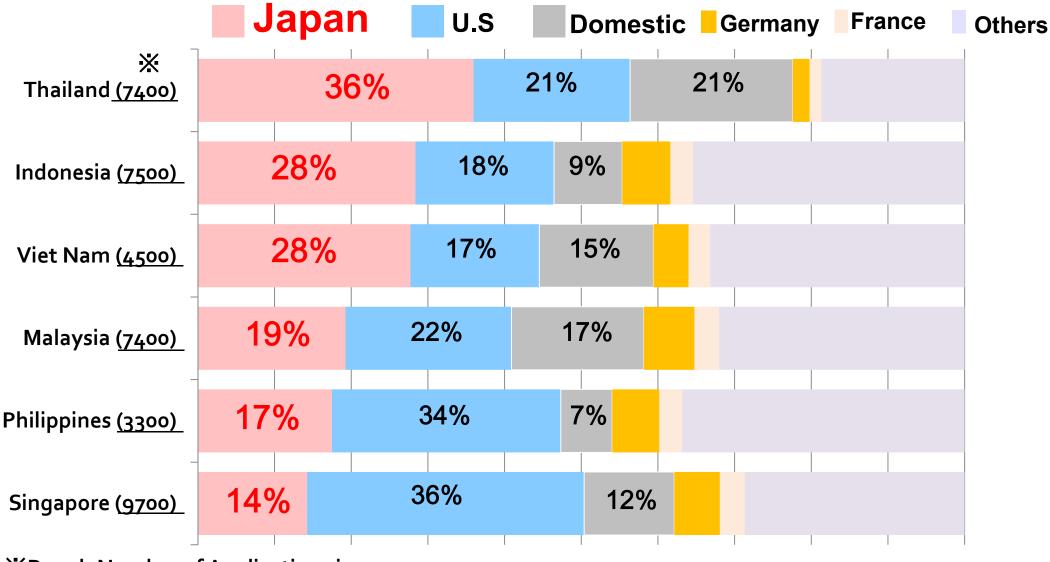
Increase of the number of overseas subsidiaries of Japanese companies (in 2013FY)



### **ASEAN countries for Japanese companies**



#### Ratio of Applications sorted by applicant's nationality (2013)



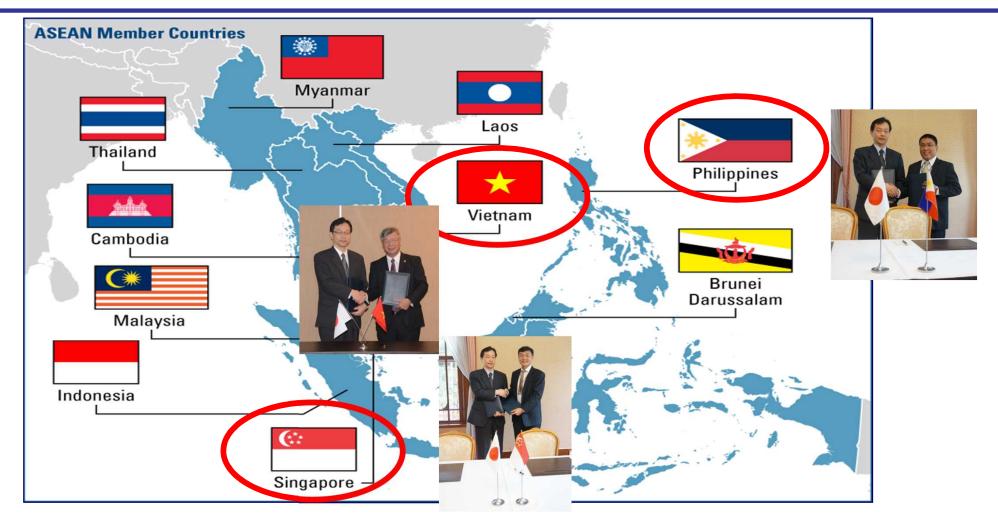
**XRough Number of Applications in 2013** 

Source: WIPO IP Statics Data Center, Statistics in ASEAN IPOs

#### **Current Status of Data Exchange with ASEAN countries**

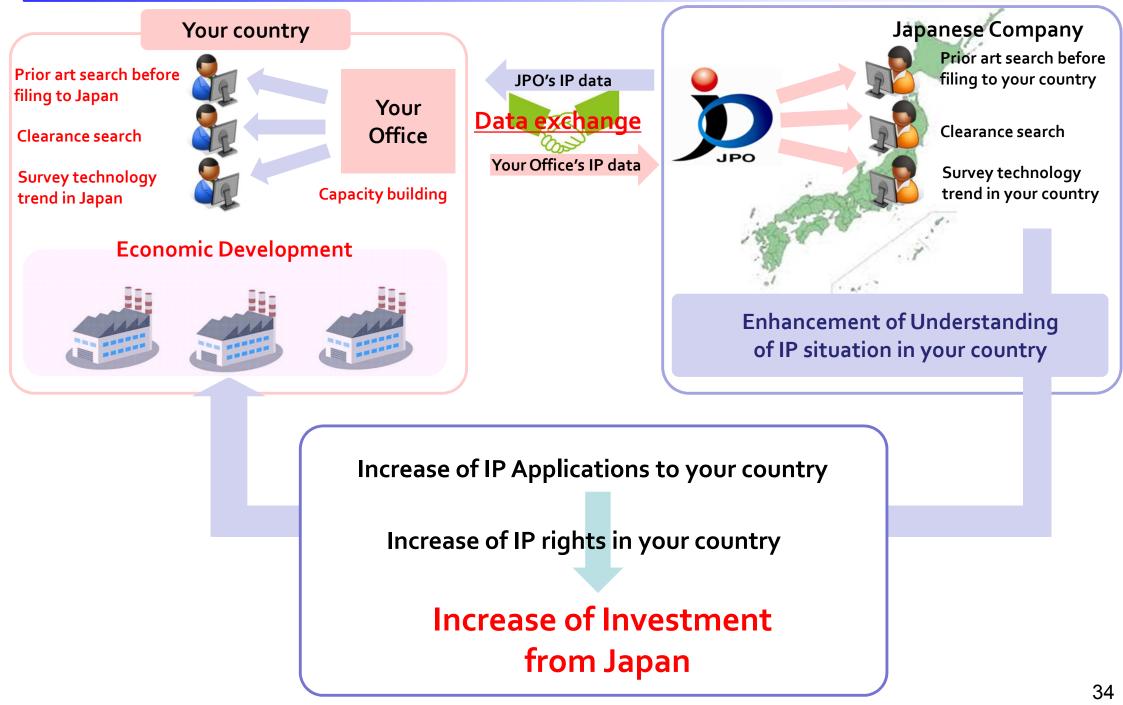


- Oct. 2014 Jan. 2015 : Started to discuss "Data Exchange" with ASEAN countries
- May 25, 2015: JPO reached the bilateral agreement of "Data Exchange Policy" with Singapore and Philippines.
- Oct. 7, 2015: JPO reached the bilateral agreement of "Data Exchange Policy" with Vietnam.



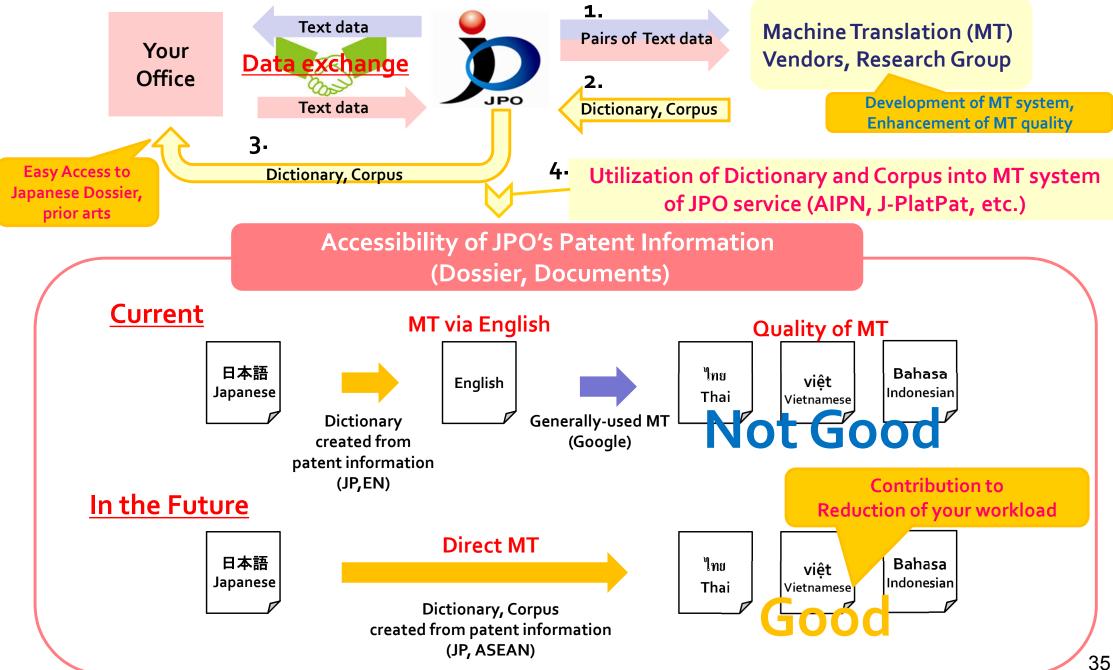
### Merits of Data Exchange with JPO (1)





### Merits of Data Exchange with JPO (2)







# ขอขอบคุณ Cam on Terima kasih Thank you for your attention.

# ありがとうございました。