

2015 JAUIP Summer IP Seminar  
Practitioner Course

IP Harmonization  
- International framework -

August 31<sup>th</sup>, 2015

Graduate School of IP, Nihon University

Patent Attorney

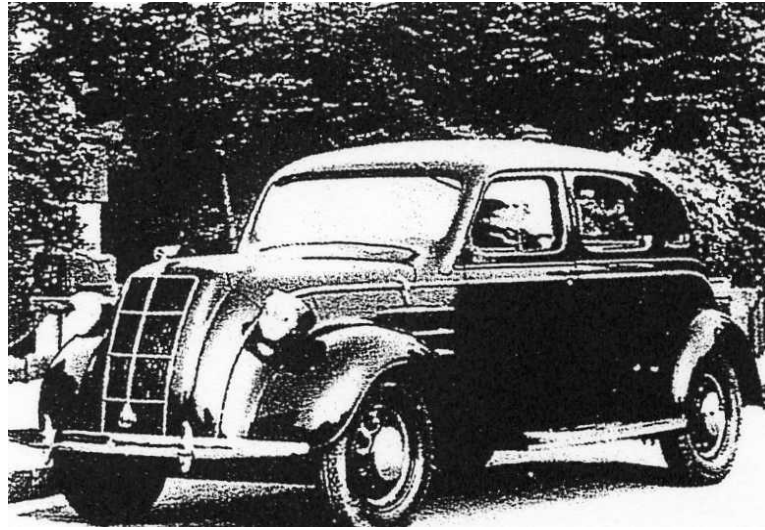
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1. Globalization of IPR
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# Development of Industry in Japan

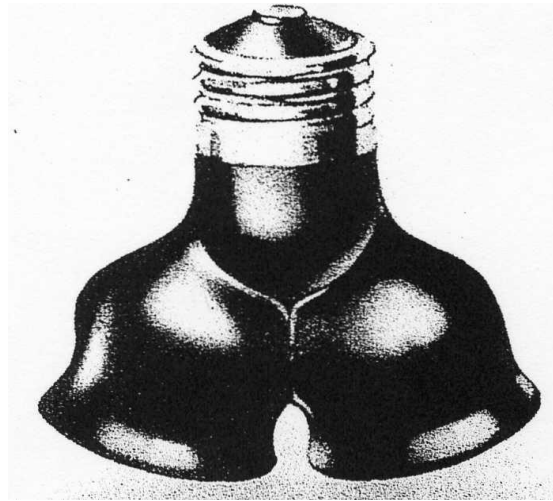


First Japanese Car in 1936

[https://gazoo.com/car/history/Pages/car\\_history\\_001.aspx](https://gazoo.com/car/history/Pages/car_history_001.aspx)

It started from only one license in 1936.  
Now, it is global automobile company.

# Development of Industry in Japan



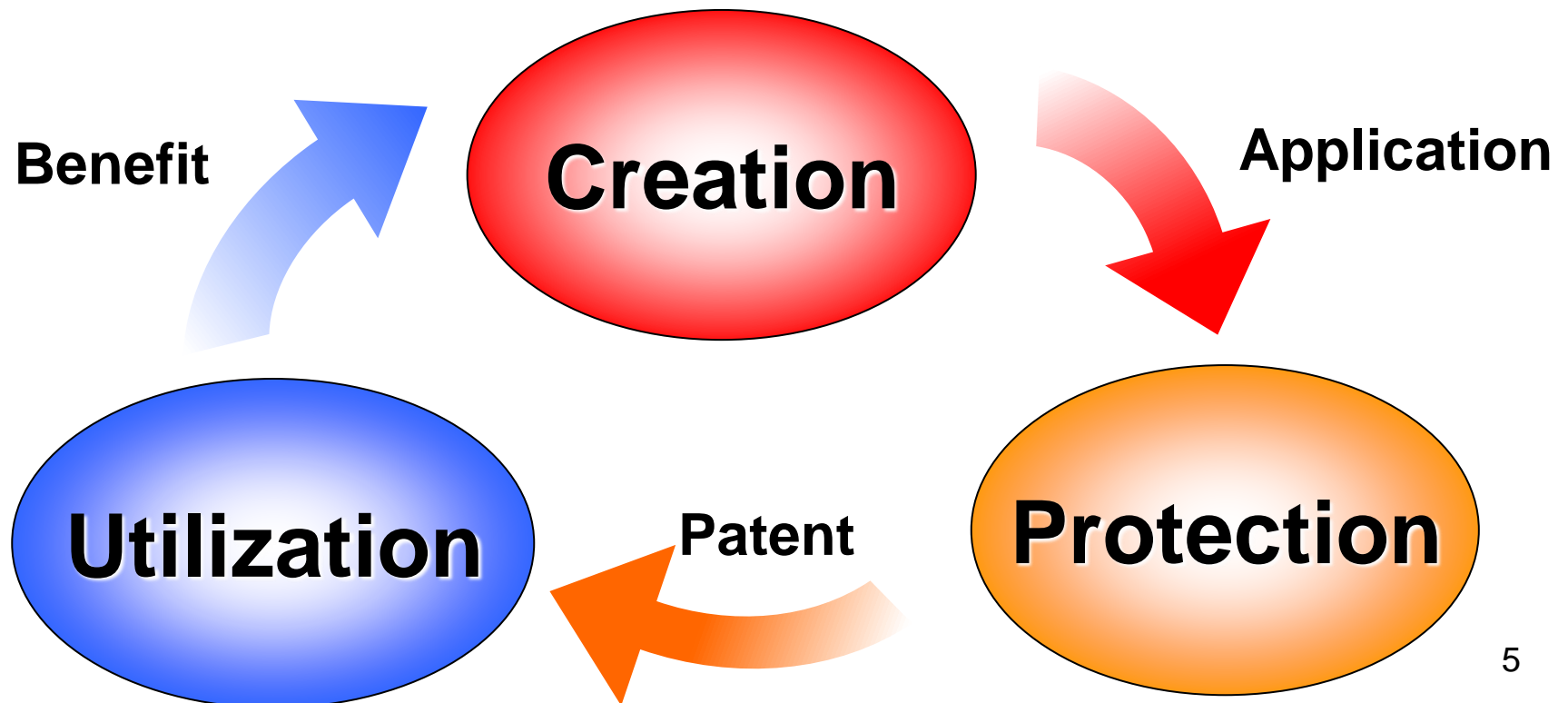
Two way Socket in 1920

<http://www.panasonic.com/jp/corporate/history/museum/product.html>

It started from only one small device in 1920.  
Now, it is global electric company.

# IP Cycle

Creating a high technology **[creation]**, protecting as intellectual property **[protection]**, manufacturing the products from intellectual property **[utilization]**, again creating a high technology, and realizing the sustainable innovation.



# Japan's experience

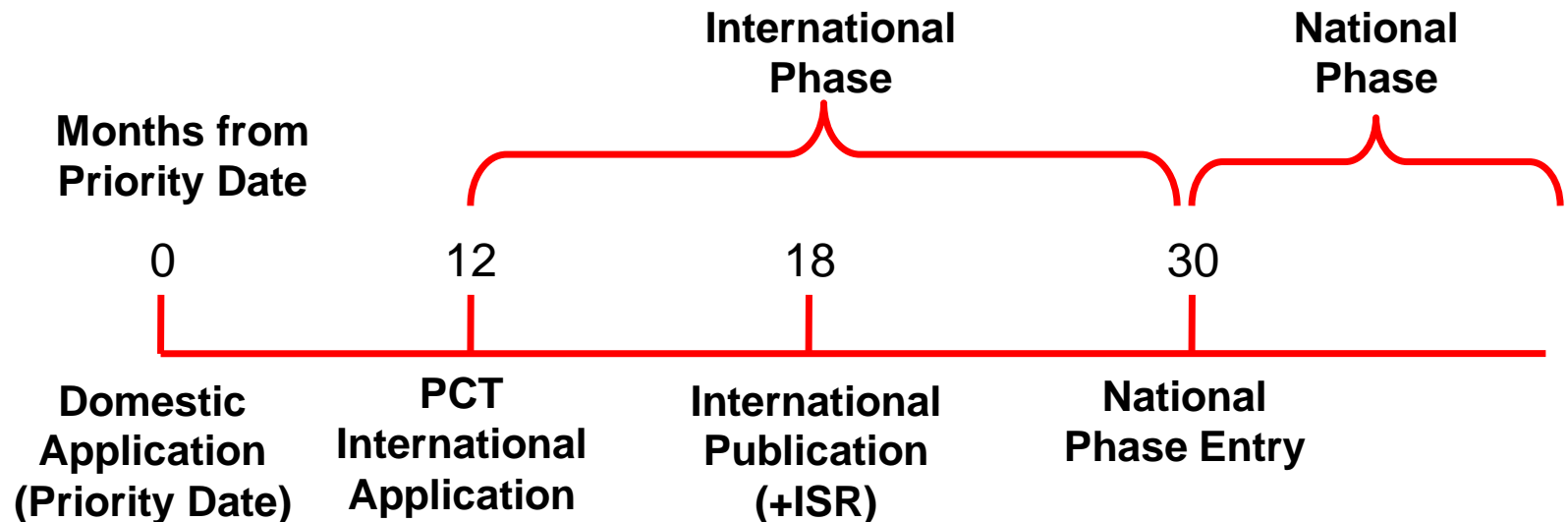
- Japan had **high economic growth** in the latter half of the 20th century, which was **based on IPR**. Many Japanese companies started from only one IPR. Then, now they are global companies.
- IPR can advance **IP-cycle which proceed “Creation”, “Protection” and “Utilization”**. IPR is necessary to develop the economy and maintain high economic growth.
- Many countries are advancing IPR in their own countries. **IP Policy can play an important role** to maintain high economic growth in their countries.

# 1. Globalization of IPR

WIPO, “Patent Cooperation Treaty Yearly Review 2015”  
[http://www.wipo.int/edocs/pubdocs/en/wipo\\_pub\\_901\\_2015.pdf](http://www.wipo.int/edocs/pubdocs/en/wipo_pub_901_2015.pdf)

# PCT system

- The Patent Cooperation Treaty (PCT) is administered by WIPO which offers **an advantageous route for patent protection internationally.**





# PCT Statistics

- PCT system is appropriate for international patent protection. Accordingly, **PCT statistics can indicate the international trends of IPR.**

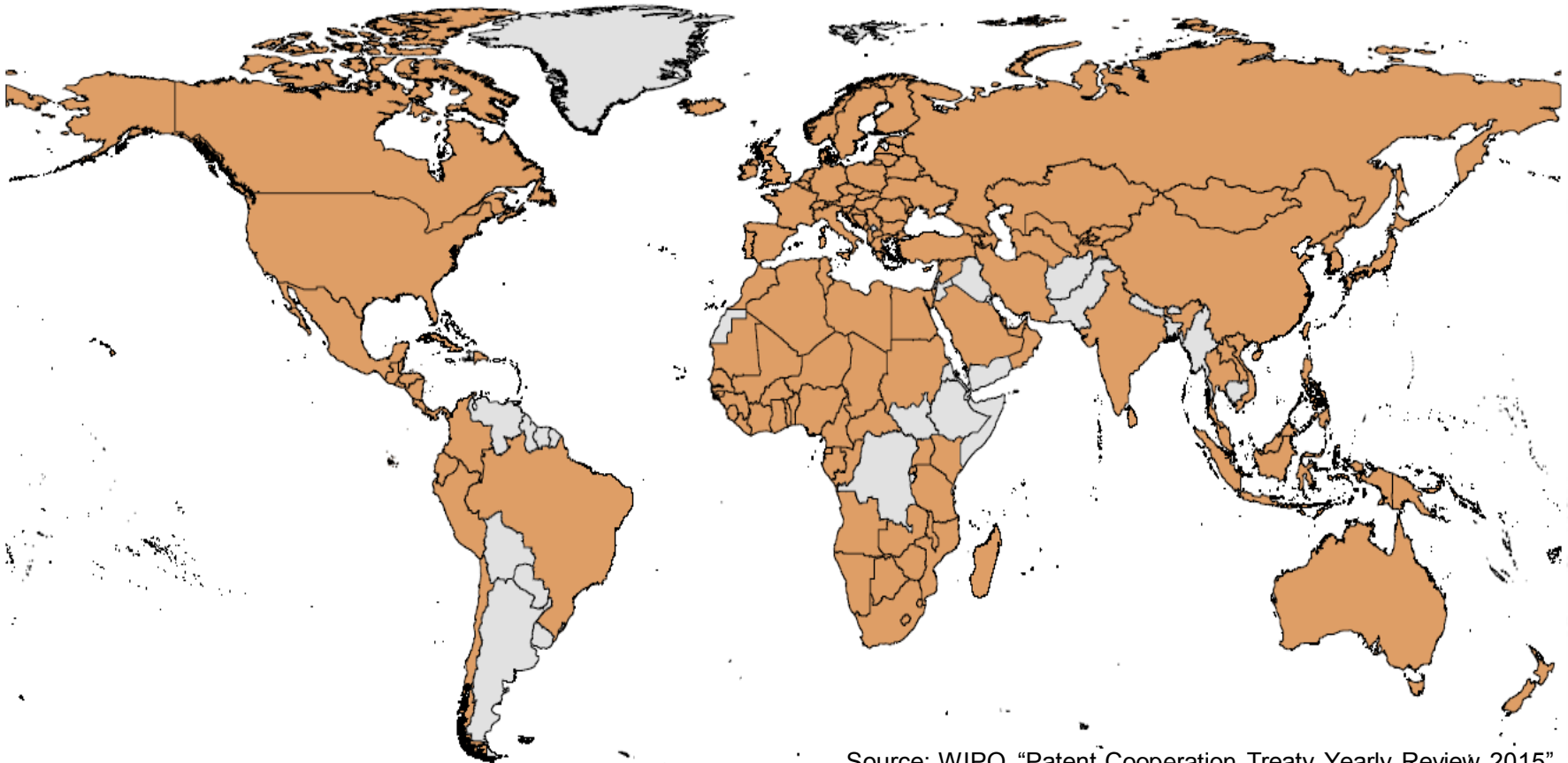
<Number>	<Trends>	<Description>
214,500	+4.5%	PCT Application
565,500	+4.3%	National Phase Entries
49,621	+8.7%	Applicants
148	+0	Member states

Source: WIPO, "Patent Cooperation Treaty Yearly Review 2015"

PCT Statistics in 2014 (compared to 2013)

# PCT Statistics

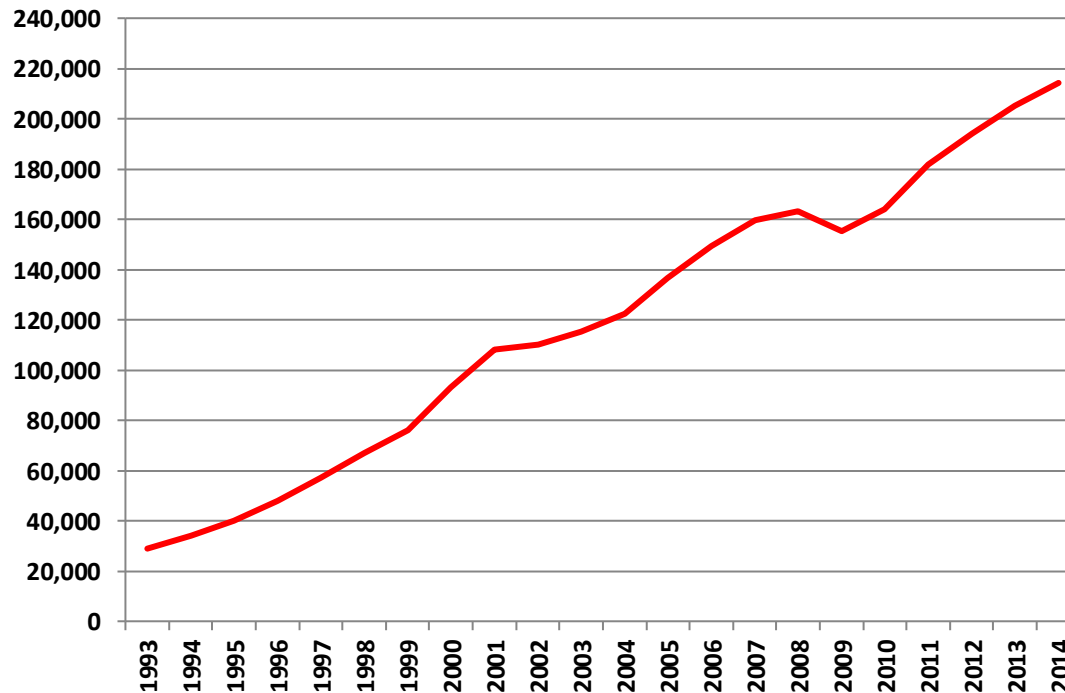
## PCT Contracting States in 2014



Source: WIPO, "Patent Cooperation Treaty Yearly Review 2015"

# PCT Statistics

- PCT applications is increasing, and set a new record in 2014 as 214,500 applications. PCT Statistics indicates that IPR is becoming global since 1990.

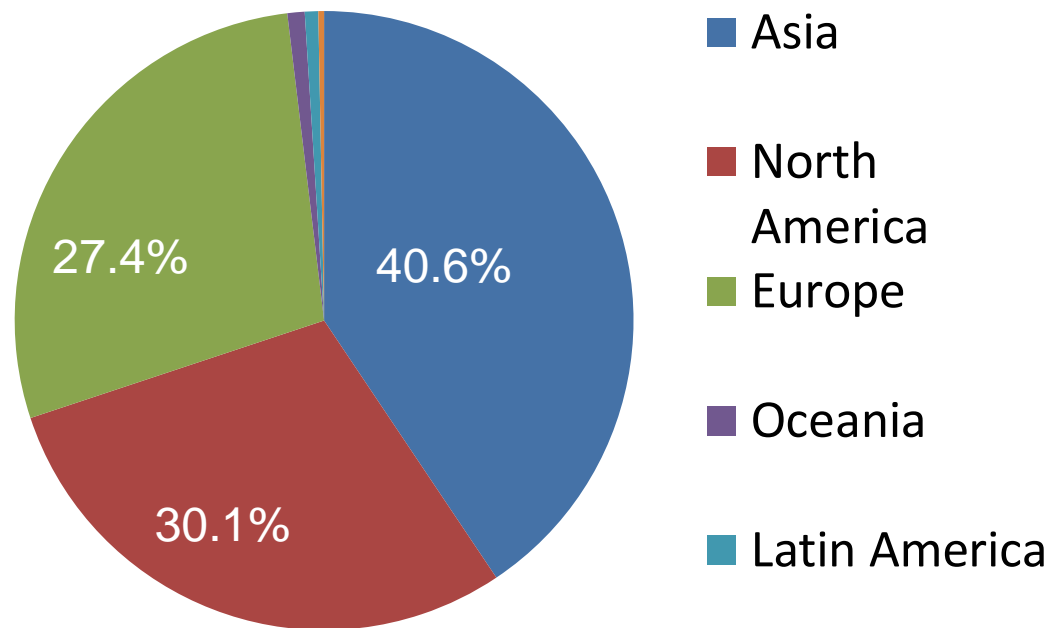


Source: WIPO, "Patent Cooperation Treaty Yearly Review 2015"

PCT Statistics in 2014 (WIPO)

# PCT Statistics

- PCT applications by region of origin are shown below. **Asia is top share as 40.6% in 2014.** North America and Europe are following as 30.1% and 27.4%.

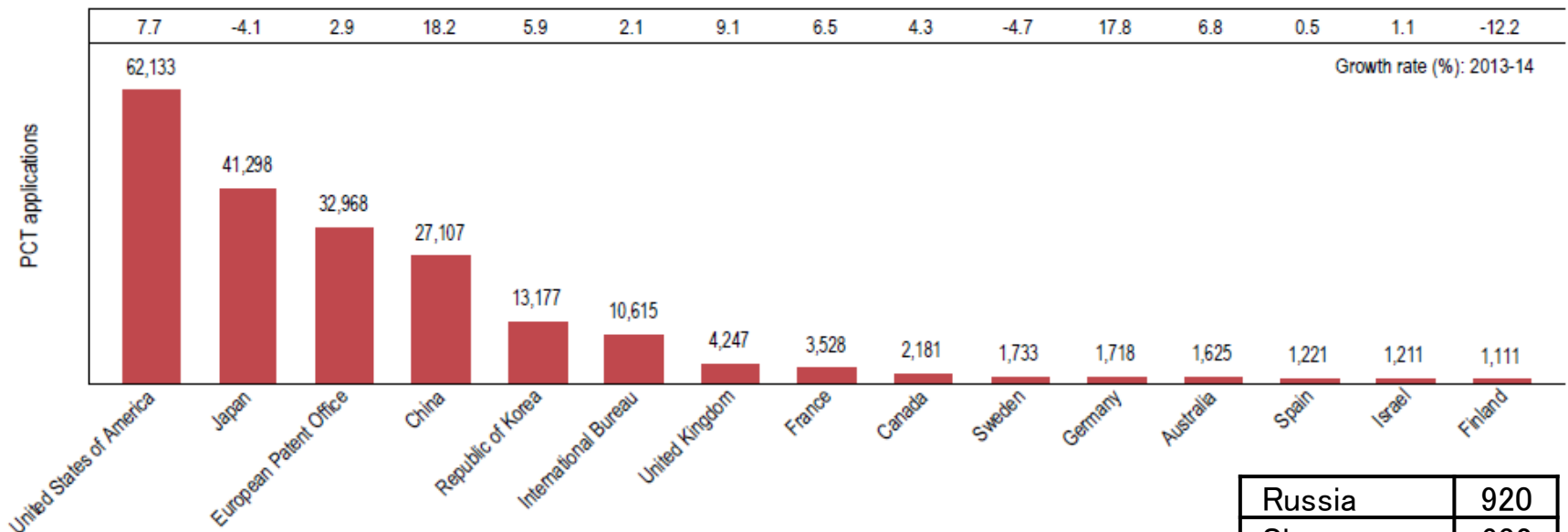


Source: WIPO, "Patent Cooperation Treaty Yearly Review 2015"

PCT Applications in 2014 (WIPO)

# PCT trends

- PCT applications for top 15 origins are shown below.  
**Japan, China and Korea** are listed as second, fourth and fifth respectively.  
[International Phase]



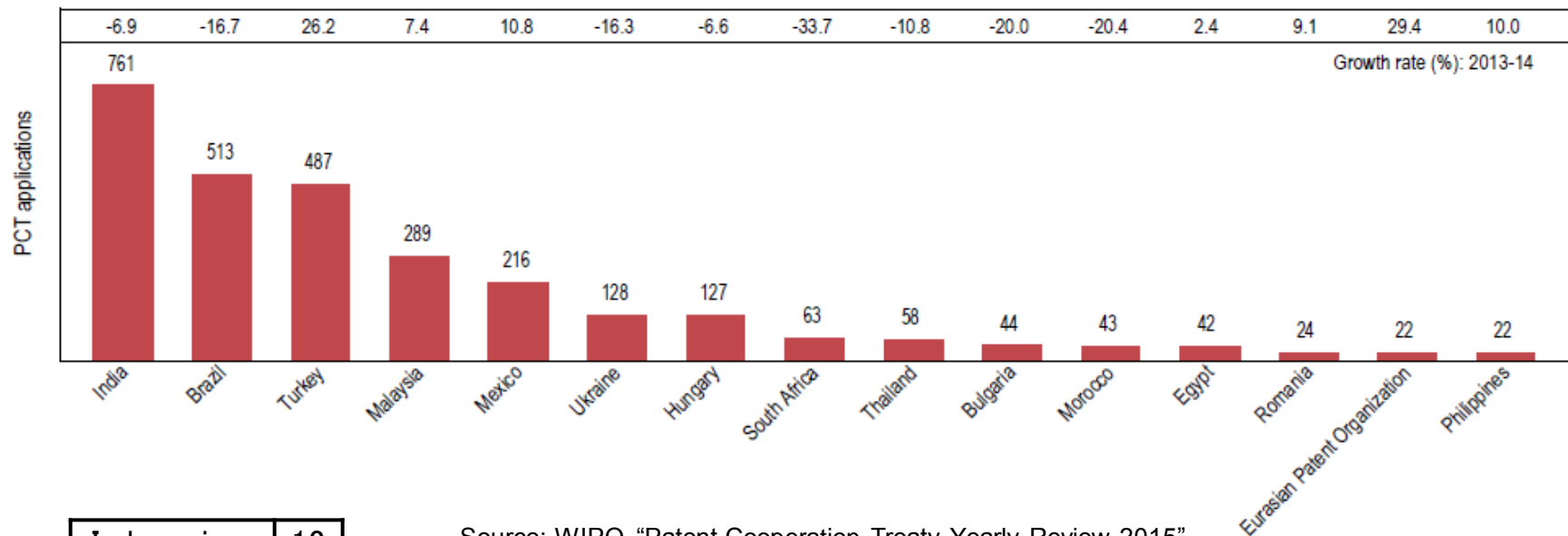
Source: WIPO, "Patent Cooperation Treaty Yearly Review 2015"

Russia	920
Singapore	632
New Zealand	273

PCT Applications in 2014 (WIPO)

# PCT trends

- PCT applications for top 15 middle-income origins are shown below. **India, Brazil, Malaysia, Thailand and Philippines** are listed as below. [\[International Phase\]](#)



Indonesia	12
Vietnam	4
Uganda	0

Source: WIPO, "Patent Cooperation Treaty Yearly Review 2015"

PCT Applications in 2014 (WIPO)

# PCT trends

- Top 20 PCT applicants (business) are shown below.  
**Japanese, Chinese and Korean companies** are listed.

Overall rank	Changed position from 2013	Applicants	Origin	Applications	Change from 2013
1	2	HUAWEI TECHNOLOGIES CO., LTD.	China	3,442	1,332
2	2	QUALCOMM INCORPORATED	United States of America	2,409	351
3	-1	ZTE CORPORATION	China	2,179	-130
4	-3	PANASONIC CORPORATION	Japan	1,682	-1,157
5	7	MITSUBISHI ELECTRIC CORPORATION	Japan	1,593	280
6	-1	INTEL CORPORATION	United States of America	1,539	-332
7	2	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	Sweden	1,512	44
8	12	MICROSOFT CORPORATION	United States of America	1,460	652
9	2	SIEMENS AKTIENGESELLSCHAFT	Germany	1,399	51
10	0	KONINKLIJKE PHILIPS ELECTRONICS N.V.	Netherlands	1,391	-32
11	2	SAMSUNG ELECTRONICS CO., LTD.	Republic of Korea	1,381	183
12	-4	TOYOTA JIDOSHA KABUSHIKI KAISHA	Japan	1,378	-320
13	-6	ROBERT BOSCH CORPORATION	Germany	1,371	-438
14	-8	SHARP KABUSHIKI KAISHA	Japan	1,227	-612
15	-1	NEC CORPORATION	Japan	1,215	26
16	-1	LG ELECTRONICS INC.	Republic of Korea	1,138	-40
17	36	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	China	1,086	727
18	-2	FUJIFILM CORPORATION	Japan	1,072	69
19	31	UNITED TECHNOLOGIES CORPORATION	United States of America	1,013	643
20	-1	HITACHI, LTD.	Japan	996	141

Source: WIPO, "Patent Cooperation Treaty Yearly Review 2015"

# PCT trends

- Top 20 PCT applicants (universities) are shown below.  
**Japanese, Chinese and Singapore universities** are listed.

Overall rank	Applicants	Origin	Applications	Change from 2013
1	UNIVERSITY OF CALIFORNIA	United States of America	413	15
2	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	United States of America	234	15
3	UNIVERSITY OF TEXAS SYSTEM	United States of America	154	35
4	HARVARD UNIVERSITY	United States of America	147	26
5	JOHNS HOPKINS UNIVERSITY	United States of America	135	19
6	LELAND STANFORD JUNIOR UNIVERSITY	United States of America	113	12
7	COLUMBIA UNIVERSITY	United States of America	112	-21
8	CALIFORNIA INSTITUTE OF TECHNOLOGY	United States of America	103	12
9	UNIVERSITY OF PENNSYLVANIA	United States of America	94	22
10	SEOUL NATIONAL UNIVERSITY	Republic of Korea	92	12
11	CORNELL UNIVERSITY	United States of America	87	-8
12	NANYANG TECHNOLOGICAL UNIVERSITY	Singapore	82	7
13	UNIVERSITY OF FLORIDA	United States of America	81	-8
14	KYOTO UNIVERSITY	Japan	81	23
15	DANMARKS TEKNISKE UNIVERSITET	Denmark	81	33
16	UNIVERSITY OF TOKYO	Japan	79	3
17	UNIVERSITY OF MICHIGAN	United States of America	78	7
17	KOREA UNIVERSITY	Republic of Korea	77	20
19	PEKING UNIVERSITY	China	76	-1
20	UNIVERSITY OF WASHINGTON	United States of America	74	21

Source: WIPO, "Patent Cooperation Treaty Yearly Review 2015"



# Summary

- PCT applications has increased during past 20 years. PCT statistics (including the number of National Phase Entries, Member States, etc.) can indicate the globalization of IPR.
- Until recently, the PCT system was mainly used by applicants from North America and Western Europe. In 2010, East Asia (Japan, China and Korea) overtook them to become the region of the most PCT filings.
- Other Asian countries such as India, Malaysia, Thailand, Singapore, Philippines, Vietnam and Indonesia are also in a good position. Brazil is also in a good position.

## 2. Harmonization of IPR

# International IP Framework

WIPO, “Standing Committee on the Law of Patents (SCP)”  
<http://www.wipo.int/policy/en/scp/>

# WIPO Standing Committees

➤ These are **ad hoc committees of experts** established by a decision of the General Assembly for a given purpose, e.g. to determine the need or otherwise for new treaty provisions:

- Standing Committee on the Law of Patents (SCP)
- Standing Committee on the Law of Trademarks, Industrial Designs and Geographical Indications (SCT)
- Standing Committee on Copyright and Related Rights (SCCR)
- Committee on WIPO Standards (CWS)

# SCP

- The SCP (Standing Committee on the Law of Patents) was created in 1998 to serve as a forum to discuss issues, facilitate coordination and provide guidance concerning the progressive international development of patent law.
- The PLT (Patent Law Treaty) was adopted by the Diplomatic Conference for the Adoption of the Patent Law Treaty on June 1, 2000.
- Discussions on the draft Substantive Patent Law Treaty (SPLT) started at the fifth session of the SCP in May 2001.

# Current issues in the SCP

➤ Since the 16<sup>th</sup> SCP meeting in 2011, the SCP has been discussing the following **five substantive topics**:

1. Exceptions and limitations to patent rights
2. Technology transfer
3. Quality of patents, including opposition systems
4. Confidentiality of communications between patent advisors and their clients
5. Patents and health

# 1. Exceptions and limitations to patent rights

- Allowing the enforcement of **the full scope of the exclusive rights in all circumstances** may not always meet the ultimate goal of the patent system to enhance the public welfare.
- Therefore, the scope of the enforceable exclusive rights may be set under national patent laws according to certain **exceptions and limitations to patent rights** that have been reserved for decision by individual countries.

\* “Experiment or Research” is excluded in Japan.

## 2. Technology transfer

- It sets up a legal framework that allows technology holders to disclose their inventions to the public and license or sell their patents, **without fear of free-riding**.
- A wider group of researchers and engineers who access the disclosed knowledge may, in turn, further contribute to the development of the technology concerned.
- The possibility of defining **ownership and a clear boundary of rights** facilitates the transfer of technology protected by patents.



### 3. Quality of patents

- **Quality** is an essential aspect of the patent system to ensure that it serves its purpose of promoting innovation, contributing to dissemination and **transfer of technology**.
- **Errors** in patent grant and administration procedures can cause **legal uncertainty** and increase **costs for all users** of the patent system: rights-holders, competitors, users of patent information and the patent Offices themselves.

\* Japan introduced Patent Opposition System in April of 2015.

## 4. Confidentiality of communications

- It is widely recognized that protecting **the confidentiality of professional advice** from patent advisors to their clients promotes frank and open communications necessary to high quality advice.
- Consequently, most countries, **under both civil law and common law traditions**, ensure confidentiality of such advice either through **contractual arrangements** between patent advisors and their clients, **codes of conduct** set by professional associations.

\* Japan Patent Attorney's Association ruled codes of conduct.

## 5. Patents and health

- Policy-makers have to find **the right balance between the rights of patent holders** who produce medical innovations, and the public who need access to them.
- In order to address these challenges, the WIPO's Standing Committee on the Law of Patents (SCP) examines the role of the patent system in striking **the right balance between innovation and technology access**.

\* Compulsory license for public benefit (article 93 in Japan patent law)

# Next SCP

- At the 21st SCP meeting of November, 2014, through seminars or presentations about these five items, opinions were exchanged. Japan gave presentation about **experience of the work-sharing** including PPH.
- At the next SCP meeting, the study about **the inventive step and disclosure** will be argued.

\* In the future, SPLT will be adopted.

# International IP Service

WIPO, “IP and technology databases”  
<http://www.wipo.int/reference/en/>

# WIPO IP Database

## IP and technology databases

WIPO's global databases make it easy for anyone, anywhere, to access the wealth of information in the IP system. They are based on our commitment to creating an inter-connected and inclusive [knowledge-sharing IP infrastructure](#) to support innovation worldwide.

### PATENTSCOPE

Search the technology contained in more than 49 million **patent documents**, including international patent applications submitted under the PCT.

### Global Brand Database

Search **brand information** from multiple national and international sources, including trademarks, appellations of origin and official emblems.

### ROMARIN

Search detailed information, updated daily, on all **international marks** recorded under the Madrid system, which are currently in force or have expired within the past six months.

### Global Design Database

Search **industrial design** registrations from the Hague System plus participating national collections.

### Hague Express

Access details of industrial designs registered under the **Hague System**.

### Lisbon Express

Search **appellations of origin** registered under the Lisbon system.

### Article 6ter

Search for the **State emblems**, and names, abbreviations and other emblems of IGOs, which have been communicated for protection under Article 6ter.

### WIPO Pearl

Use our multilingual **terminology database** to find accurate IP and technological terms and concepts in 10 languages. Contains over 100,000 terms, each validated by WIPO's terminology experts.

### More databases for innovators

- [Access to Research for Development and Innovation \(ARDI\)](#)
- [Access to Specialized Patent Information \(ASPI\)](#)

Source: <http://www.wipo.int/reference/en/>

# Patent Scope

- PATENTSCOPE is the database to search the technology contained in **more than 49 million patent documents**, including international patent applications under the PCT.

The screenshot shows the WIPO PATENTSCOPE search interface. At the top, there's a navigation bar with the WIPO logo and the text 'PATENTSCOPE'. Below this, there's a search bar and a list of search criteria: Search, Browse, Translate, Options, News, Login, and Help. The main search area is titled 'Field Combination' and contains a table with search fields and their corresponding values. The fields include: Front Page, WIPO Publication Number, Application Number, Publication Date, English Title, English Abstract, Applicant Name, International Class, Inventor Name, Office Code, English Description, English Claims, Licensing availability, and Inventor Name. The search results are displayed as '0 results'.

Website: <http://patentscope.wipo.int>

The screenshot shows a patent search result for the patent '1. (WO/2015/12155) TWO SIDED MULTIPLY TISSUE PRODUCT'. The result is displayed in a table with columns: PCT Biblio, Data, Description, Claims, National Phase, Notices, Drawings, and Documents. The patent is listed as '1. (WO/2015/12155) TWO SIDED MULTIPLY TISSUE PRODUCT'. The publication date is '30.07.2015' and the international filing date is '24.01.2014'. The IPC class is 'D21H 27/40 (2006.01), D21H 27/06 (2006.01)'. The applicant is 'KIMBERLY-CLARK WORLDWIDE, INC. (US)' and the inventor is 'GUILLET, Mike, Thomas (US)'. The agent is 'SULLIVAN, Michael, J. (US)'. The title is '(EN) TWO SIDED MULTIPLY TISSUE PRODUCT'. The abstract describes a multi-ply tissue product with different surface characteristics on each side. A diagram labeled 'FIG. 1' shows a cross-section of the product. The designated states are listed as 'AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, MA, MD, ME, MG, MK, MN, MU, MW, MY, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PK, PL, PT, RO, RU, RW, SA, SD, SE, SG, SI, SK, SL, SM, SN, SR, ST, SV, SZ, TD, TG, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VE, VN, YU, ZA, ZM, ZW'.

Examples of search results

# Global Brand Database

- Global Brand database is the system to search **brand from multiple national and international sources**. JPO provides Japan's trademark information to this system since 2015.

**WIPO**  
WORLD INTELLECTUAL PROPERTY ORGANIZATION

Home Reference Global Brand Database

**Global Brand Database** Perform a trademark search by text or image in brand data from multiple national and international sources, including trademarks, appellations of origin and official emblems.

Search filters: Text, Image Class, Goods (All)

Table of search results:

Brand	Source	Status	Score	Origin	Holder	Number	App. Date	Image Class	Nice Class	Image
POWERMAX	PH TM	Pending	1		PH REFINETTE MANUFACTURING INDUSTRY	4201500784	2015-09-04	99		
SMILECOFFEE	PH TM	Pending	1		PH SMILEY CAFE & MAXI-MART, INC.	4201500777	2015-09-04	99		
FLYNN'S BUKO	PH TM	Pending	1		PH WENDY C. CALOTES	4201500872	2015-08-04	99		
SUGAR CRAVINGS	PH TM	Pending	1		PH MARIBEL ROMAN PADILLA	4201500795	2015-09-04	99		

**Global Brand Database** Perform a trademark search by text or image in brand data from multiple national and international sources, including trademarks, appellations of origin and official emblems.

Search filters: Text, Image Class, Goods (All)

Table of search results:

Brand	Source	Status	Score	Origin	Holder	Number	App. Date	Image Class	Nice Class	Image
APPLE	PH TM	Active	2		PH RED APPLE PROPERTIES & MANAGEMENT, INC.	4201101075	2011-09-25	VC 09.07	37	
GREEN APPLE PARK	US TM	Active	1		US Times Toys Company Limited	77300185	2008-05-17	VS 09.03	28	
HARBOE Apple COER	WO TM	Active	1		DK Harboe Bryggeri AS	1004028	2008-05-02	VC 09.07	32, 33	
HARBOE Apple COER 4.5 % ALC	DK TM	Active	1		DK Harboe Bryggeri AS	VA20081239	2008-04-21	VC 19.07	33	
APPLE TEE	PH TM	Active	2		PH KESTER MAGNAR SZE SH	4201400203	2014-02-17	VC 09.07	25	
10 apple FRINGS	SG TM	Active	1		SG Kong Lual	71307832	2012-08-26	VC 09.07	41	
APPLE TOWN	ID TM	Pending	1		ID SURVADI CHANDRA	J0201254050	2012-11-08	VC 09.07	43	
APPLE - LARSEN	ID TM	Active	1		ID NOVANDRY SCHWALD	030201020204	2010-08-04	VC 09.07	25	
REKORDERLIG CRY (APPLE COER)	AU TM	Pending	1		AU Arkhologiska Bryggeri Eksportör AB	1663028	2014-11-25	VC 09.07	32, 33	
A	US TM	Active	1		US Appleton Products, Inc.	77700141	2008-07-26	VC 09.07	37	



# ROMARIN

- ROMARIN is the system to search the detailed information on **all international marks recorded under the Madrid system.**

**ROMARIN**  
Simple search  
Advanced search  
Preferences  
Search Examples  
Help  
FAQ  
Feedback

**RELATED LINKS**  
Nice Classification  
Vienna Classification  
WPO GOLD  
Trademarks(Madrid System)  
I-Id Codes  
Country/Office Codes

**ONLINE SERVICES**  
e-Payment  
e-Portfolio  
Gazette  
NRA  
NRS  
NPM  
MRS

### Simple search

Please note that, in response to your suggestions, the following changes have been implemented:

- Addition of a search example for each search criteria of the simple search (see below);
- Addition of an indication of the protection of the International Registration in each designated contracting party ("Search results" - "Full details" screen).

Please feel free to provide feedback on these changes using the "Feedback" link on the left hand-side of the screen. Thank you.

Search by:

☐ Search registrations no longer in force  
☐ Search applications/requests being processed  
☒ Search active registrations

Sort result list by:

☐ Hits  
☒ Mark N°  
☐ Mark Name

Search by:	Contains	Result
International Registration Number	contains	605000, 605001
Holder Name	contains	MONDIALE, MONDIA*, MONDIA?
Representative	contains	CABINET, Attorneys
Mark	contains	ROMARIN, ROU*, ROMA???
Vienna Classification	contains	010101, 0101*
Nice Classification	contains	05, 45
Goods and Services (English)	contains	CD-ROM, optical disks
Goods and Services (French)	contains	CD-ROM, disques optiques
Goods and Services (Spanish)	contains	CD-ROM, discos ópticos
Office of Origin	contains	CH, FR
Basic Application Number	contains	402 418, 538720
Basic Registration Number	contains	402 418, 538720
Designated Contracting Parties	contains	CH, FR
Registration date	contains	19930616, 199306*, 1993*

Results at a time: 25  
Search Reset

Website: <http://www.wipo.int/romarin/>

Full details Summary By Office Documents New

1101020 - PlayStation

Countries: All | Granted | Refused | Final decision | No longer designated  
EG SD SM UA

101 Date of the registration  
13.10.2001

180 Expected expiration date of the registration/renewal  
13.10.2021

290 Language of the application  
English

Current Status

732 Name and address of the holder of the registration  
Kabushiki Kaisha Sony Computer Entertainment (also trading as: Sony Computer Entertainment Inc.)  
1-7-11 Kojima,  
Minato-ku,  
Tokyo 105-0178 (JP)

811 Contracting State of which the holder is a national  
JP

842 Legal nature of the holder (legal entity) and State, and, where applicable, territory within that State where the legal entity is organized  
Corporation, Japan

730 Address for correspondence  
Kabushiki Kaisha Sony Computer Entertainment (also trading as Sony Computer Entertainment Inc.)  
1-6-27 Kojima,  
Minato-ku,  
Tokyo 105-0270 (JP)

740 Name and address of the representative  
OSIMOTO Yashukiko  
Akasaka Chateau 11 No. 201,  
15-16, Akasaka 2-chome,  
Minato-ku,  
Tokyo 107-0052 (JP)

540 Mark

**PlayStation**

550 Indication relating to the nature or kind of mark  
The words contained in the mark have no meaning

501 International Classification of the Figurative Elements of Marks (Vienna Classification) - VCL(8)  
27.05.01

511 International Classification of Goods and Services for the Purpose of the Registration of Marks (Nice Classification) - NCL(9)  
09 Programs for electronic arcade games adapted for use with an external display screen or monitor; electronic arcade games adapted for use with an external display screen or monitor; downloadable or downloadable software and additional data for electronic arcade

Examples of search results

# Global Design Database

- Global Design database is the system to **search industrial designs from multiple national and international sources.**

**Global Design Database** A world-wide collection of industrial designs data, including WIPO Hague registrations and information from participating national offices.

**SEARCH BY** Design Names Numbers Dates Country

Indication of Products:

Design class:











Description:

**FILTER BY** Source Designation Locarno Class Reg. Date #

CA Designs	153,644	ES Designs	93,677	JP Designs	479,756
NZ Designs	44,132	US Designs	482,444	WO Designs	40,762

Display: List Sort: Value - asc

1 - 10 / 1,292,114 (all countries) 10 per page 1 / 129,212

Reg. No.	Source	Holder	Reg. Date	Locarno Cl.	National Cl.	Ind. Prod.	Designations	Designs	Image
420110	NZD	The Fountainhead Group, Inc.	2015-03-05	22-03		A sprayer tank	NZ	1	
420120	NZD	ALTRIA CLIENT SERVICES INC.	2015-03-04	27-01		a SMOKING ARTICLE	NZ	1	
419881	NZD	ALTRIA CLIENT SERVICES INC.	2015-03-04			an ELECTRONIC SMOKING ARTICLE	NZ	1	
420113	NZD	COLOURSMART LIMITED	2015-03-04	28-03		Comb	NZ	1	
420125	NZD	ALTRIA CLIENT SERVICES INC.	2015-03-04	27-01		a SMOKING ARTICLE	NZ	1	
420124	NZD	ALTRIA CLIENT SERVICES INC.	2015-03-04	27-01		a SMOKING ARTICLE	NZ	1	
420403	NZD	OLBERT SHEETMETAL AND ENGINEERING LIMITED	2015-03-04	29-02		Wash hole safety grate	NZ	1	
420403	NZD	Invasive International S&I	2015-03-04	12-12		Wheelchair frame element	NZ	1	
420404	NZD	Invasive International S&I	2015-03-04	12-12		Wheelchair caster wheel housing	NZ	1	
420402	NZD	Invasive International S&I	2015-03-04	12-12		Wheelchair frame element	NZ	1	

1 - 10 / 1,292,114 (all countries) 10 per page 1 / 129,212

Website: <http://www.wipo.int/designdb/en/>

**Global Design Database** A world-wide collection of industrial designs data, including WIPO Hague registrations and information from participating national offices.

**SEARCH BY** Design Names Numbers Dates Country

Indication of Products:

Design class:









Description:

**FILTER BY** Source Designation Locarno Class Reg. Date #

CA Designs	175	ES Designs	0
JP Designs	0	NZ Designs	45
US Designs	364	WO Designs	67

Display: List Sort: Value - asc

1 - 10 / 661 (all countries) 10 per page 1 / 66

Reg. No.	Source	Holder	Reg. Date	Locarno	National	Ind. Prod.	Designations	Designs	Image
D0727080	USD	Pacific Solution Marketing Inc.	2015-04-28	07-03	US D07-053		US	1	
196810	CA ID	MARIMEKKO OYJ	2014-06-16				CA	1	
D0670543	USD	Ogata, Shinichiro	2012-11-13	07-02	US D07-043		US	1	
130445	CA ID	CAMBRIDGE SILVERSMITHS LTD., INC	2011-09-23				CA	1	
D0642074	USD	McFarland, David B.	2011-06-09	07-03	US D07-033		US	1	
137622	CA ID	BOLO-CUP OPERATING CORPORATION	2011-06-10				CA	1	
D0623484	USD	Lange, Frank L.	2010-09-14	07-03	US D07-053		US	1	
130385	CA ID	DIXIE CONSUMER PRODUCTS LLC	2010-09-09				CA	1	

Examples of search results

# Hague Express

- The Hague Express Database is the system to search the detailed information on **industrial designs registered under the Hague System**.

**Hague Express** The Hague Express Database, updated weekly, includes bibliographical data and, as far as international registrations governed exclusively or partly by the 1999 and/or by the 1960 Act(s) of the Hague Agreement are concerned, reproductions of industrial designs relating to international registrations that have been recorded in the International Register and published in the International Designs Bulletin as of issue No. 4/1999. International registrations that have lapsed are not removed from the database.

**SEARCH BY** Design Names Numbers Dates Country

Indication of Products: \*

Locarno Class: \*

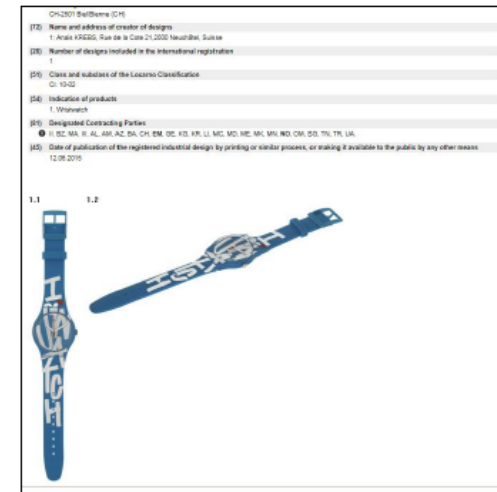
Description: \*

**FILTER BY** Designation Locarno Class Reg. Date # Contracting Party #

CH 30,140 FR 20,302 DE 20,877 LU 19,614 NL 14,014 BE 14,014 GR 14,014  
 IT 10,140 ES 14,027 EG 14,787 TN 14,220 EM 11,088 GR 8,204 MC 8,207  
 MA 8,070 ID 8,475 LI 8,403 VA 8,200 TR 8,000 ME 7,000 RS 8,870  
 NO 8,094 BA 8,728 SI 8,849 SA 8,501 AM 8,232 NO 8,380 NO 8,800  
 SG 8,085 CN 8,894 BG 4,892 DE 4,890 KP 4,524 NW 4,480 BG 4,228  
 MN 3,780 MJ 1,154 AL 3,838 NO 2,375 BZ 1,585 CI 1,022 SN 1,832  
 SR 1,034 EU 1,066 AL 1,835 BA 1,438 AM 1,454 DM 1,288 AZ 875  
 VN 1,018

Display List Sort Court Desc

Reg. No.	Holder	Reg. Date	Locarno Cl.	Int. Prod.	Designations	Designs	Image
DM/067002	SOCIÉTÉ DES PRODUITS MISTLÉ S.A.	2015-07-17	20-05	1. Decorative pattern	CH/EM	1	
DM/068601	PERMANENT PROMET D.O.O.	2015-07-16	16-04	1-3 Cover pages for notebooks	CH	3	
DM/069003	MÜLLER & NIERER LEDERWARENFABRIK GMBH	2015-07-10	03-01	1.190000 luggage	CH/NO	1	
DM/069002	SOLD PLAST S.P.A.	2015-07-10	07-01	1-3 Containers for finger-food, 4-12 Drinking glasses	MA/CH/EM/TR	10	
DM/069000	SUNLIGHT GMBH	2015-07-10	20-05	1. Lamp for photography or cinematography	EM/US	1	
DM/067010	HAUSGROHE SE	2015-07-10	23-05	1-5 Sanitary fixtures, 6. Basin body for a sanitary fixture, 7. etc.	MA/CH/EM/ME/NO/RU	10	
DM/067001	ELBALI	2015-07-16	11-01	1. Jewelry article	CH	1	
DM/068607	STEVEN ARIZZE	2015-07-13	14-01	1. Flashlight	JP/US	1	
DM/068676	MITSUBISHI ELECTRIC CORPORATION	2015-07-13	14-01	1. Recorder for surveillance camera	EM	1	
DM/068604	VOLKSWAGEN AKTIENGESELLSCHAFT	2015-07-13	12-06	1-4 Motor vehicles	CH/EM/FR/TR/UA	4	



Website: <http://www.wipo.int/designdb/hague/en/>

Examples of search results

# WIPO Lex

- WIPO Lex is a one-stop search facility for **national laws and treaties on intellectual property** of WIPO, WTO and UN Members.

## WIPO Lex

WIPO Lex is a one-stop **search facility** for national laws and treaties on intellectual property (IP) of WIPO, WTO and UN Members. It also features related information which elaborates, analyzes and interprets these laws and treaties. It provides streamlined access to reference material of key importance for optimal information on the global IP System.

About WIPO Lex  
Contact us

IP Legislation

Treaties

Full Text Search

WIPO/WTO/UN Members

Algeria (41)  
Andorra (17)  
Angola (23)  
Antigua and Barbuda (13)  
Argentina (127)  
Armenia (21)

Subject Matter

Select a Topic

Search WIPO Lex

Reset

Members' Profiles

Treaty Secretariat

WIPO-WTO Common Portal

Glossary

Website: <http://www.wipo.int/wipolex/en/>

Query:  
Australia  
Patents (Inventions)  
99 record(s) found.

Main IP Laws: enacted by the Legislature

Date of Text	Entity	Title
December 8, 2009	Mexico	Decree adding paragraphs third and fourth to the Article 181 on the Industrial Property Law
April 19, 2006	Mexico	Decree amending and supplementing various provisions of the Industrial Property Law of April 19, 2006

Query:  
Mexico  
Trademarks  
45 record(s) found.

Main IP Laws: enacted by the Legislature

Date of Text	Entity	Title
December 22, 2009	Mexico	Federal Law on Consumer Protection (as amended up to June 4, 2014)

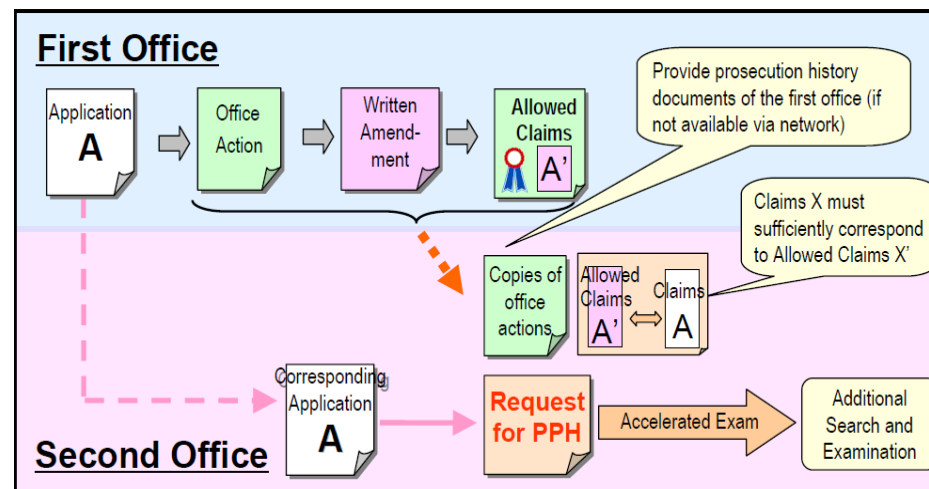
Examples of search results

# Patent Prosecution Highway (PPH)

JPO, “Patent Prosecution Highway Portal Site”  
<https://www.jpo.go.jp/ppph-portal/index.htm>

# PPH system

- The Patent Prosecution Highway (PPH) is a framework in which **an application whose claims have been determined to be patentable in OFF (Office of First Filing)** is eligible to go through **an accelerated examination in OSF (Office of Second Filing)** with a simple procedure upon an applicant's request.



# PPH system

The PPH, through the exploitation of all the search/examination-related information of the OFF,

- (1) supports applicants in their efforts to obtain **stable patent rights efficiently around the world** and
- (2) **reduces the search/examination burden** and improves the quality of the examination of the major patent offices in the world.

# Requirements for PPH (1)

## [Requirements]

1. The application in the OSF **validly claims priority** from an application in the OFF.
2. The application in the OFF has **at least one claim already determined to be patentable**.
3. All claims in the OSF application **sufficiently correspond to the claims already determined** to be patentable in the OFF.
4. The application in the OSF has **not yet been examined**.



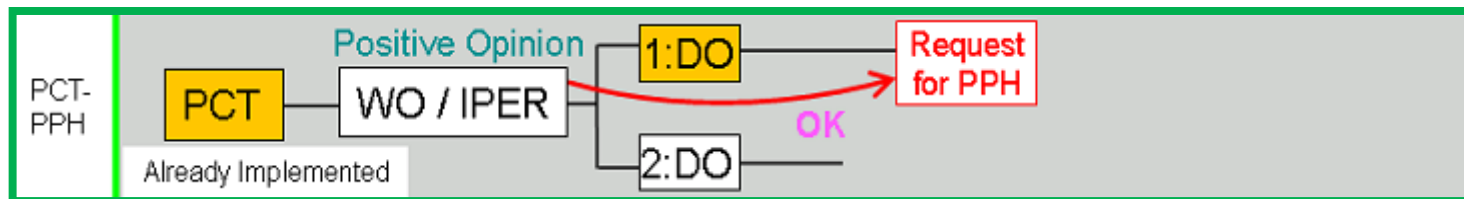
# Requirements for PPH (2)

## [Necessary documents]

1. A **table** listing and containing an explanation of the sufficiently corresponding claims
2. A copy of **claims** already determined to be patentable in the OFF
3. Copies of **all office actions** of the OFF
4. Copies of **references** cited by the OFF

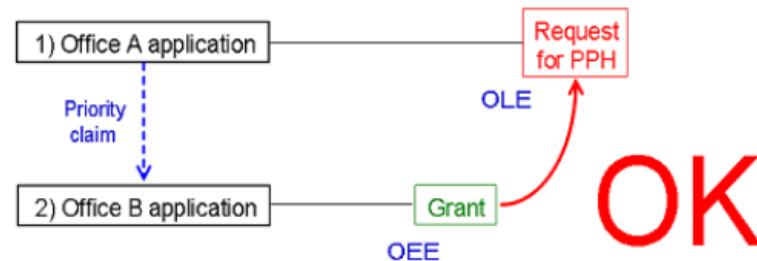
# PCT-PPH

- Japanese Patent Office starts patent examination highway program using international phase works of the PCT application on January 29, 2010. (PCT-PPH)
- In this program, applicant can apply for advanced examination using written opinion (WO/ISA) or international preliminary examination report (IPER/IPEA).

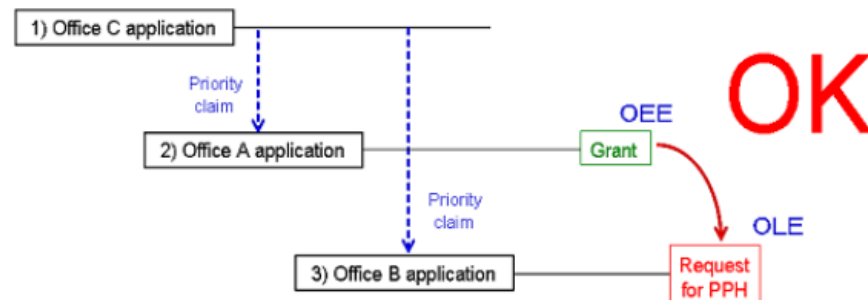


# PPH-MOTTAINAI

- "MOTTAINAI" is a Japanese term meaning "a sense of regret concerning waste".



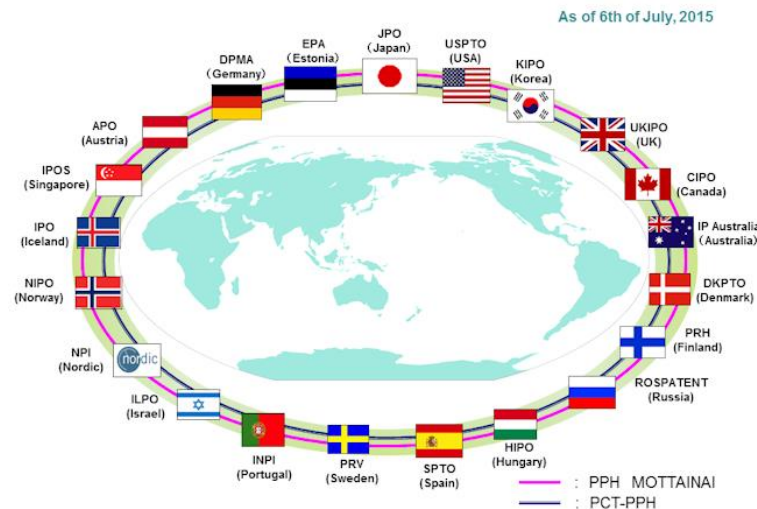
Case 1: OSF (Office B) provides the examination result to the OFF (Office A).



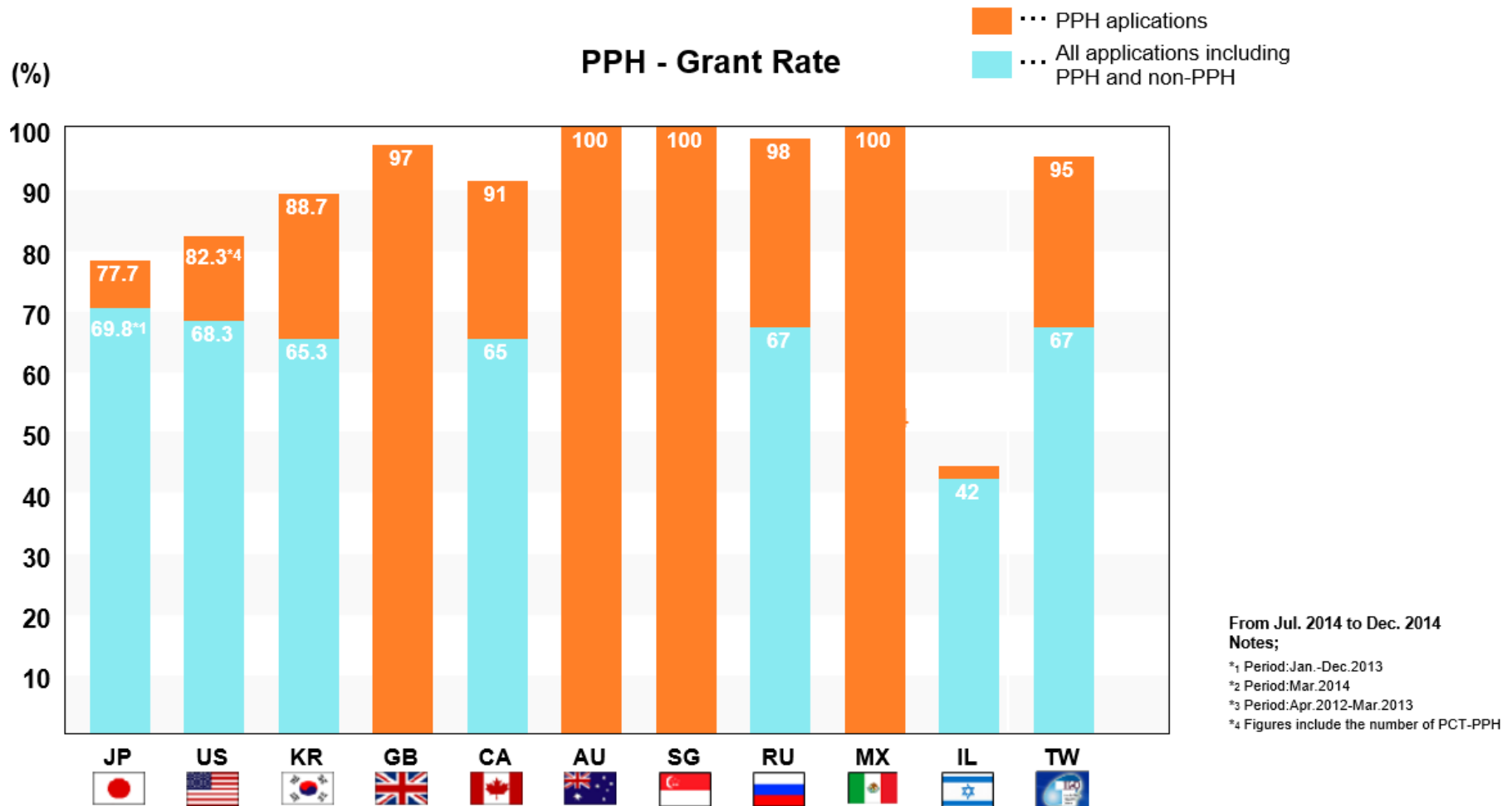
Case 2: OFF is other than Office A or Office B.

# Global PPH

- Global Patent Prosecution Highway (PPH) pilot has launched in January, 2014.
- The GPPH pilot will allow patent applicants to request accelerated examination **at any of the offices involved in the pilot** if their claims have been found to be acceptable by any of the other offices involved in the pilot.

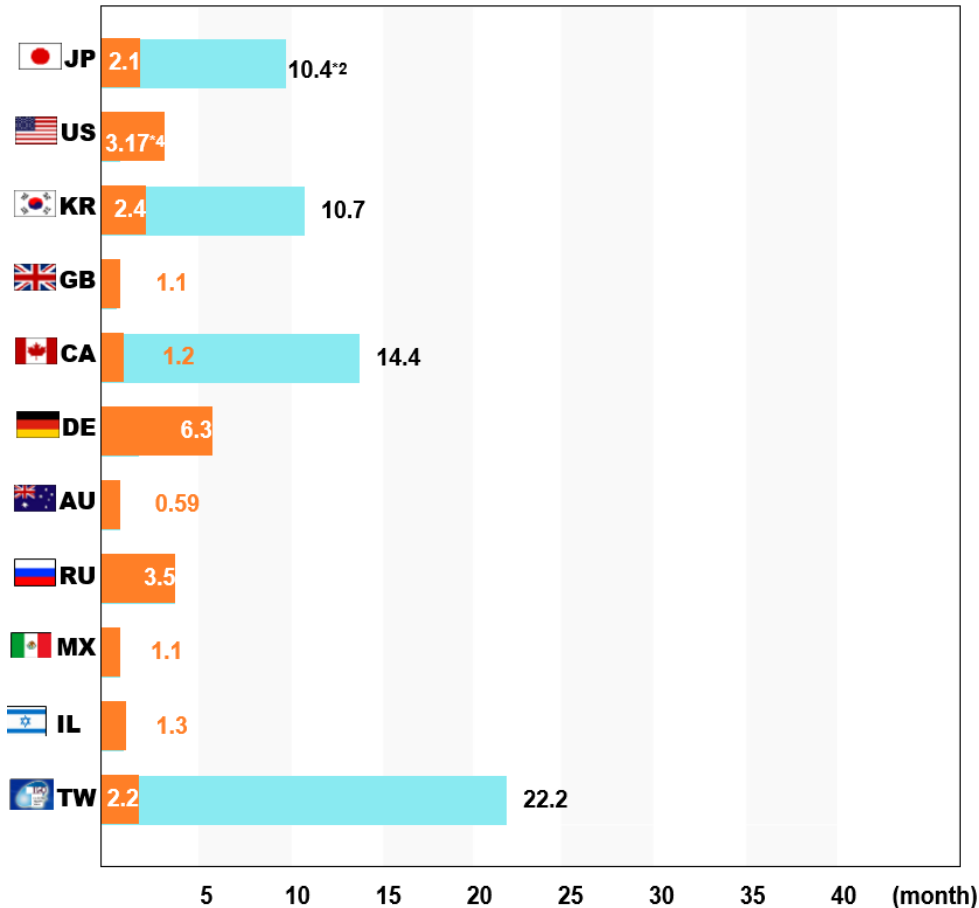


# Statistics



# Statistics

## PPH - Average Pendency from PPH Request to First Office Action



From Jul. 2014 to Dec. 2014  
Notes;

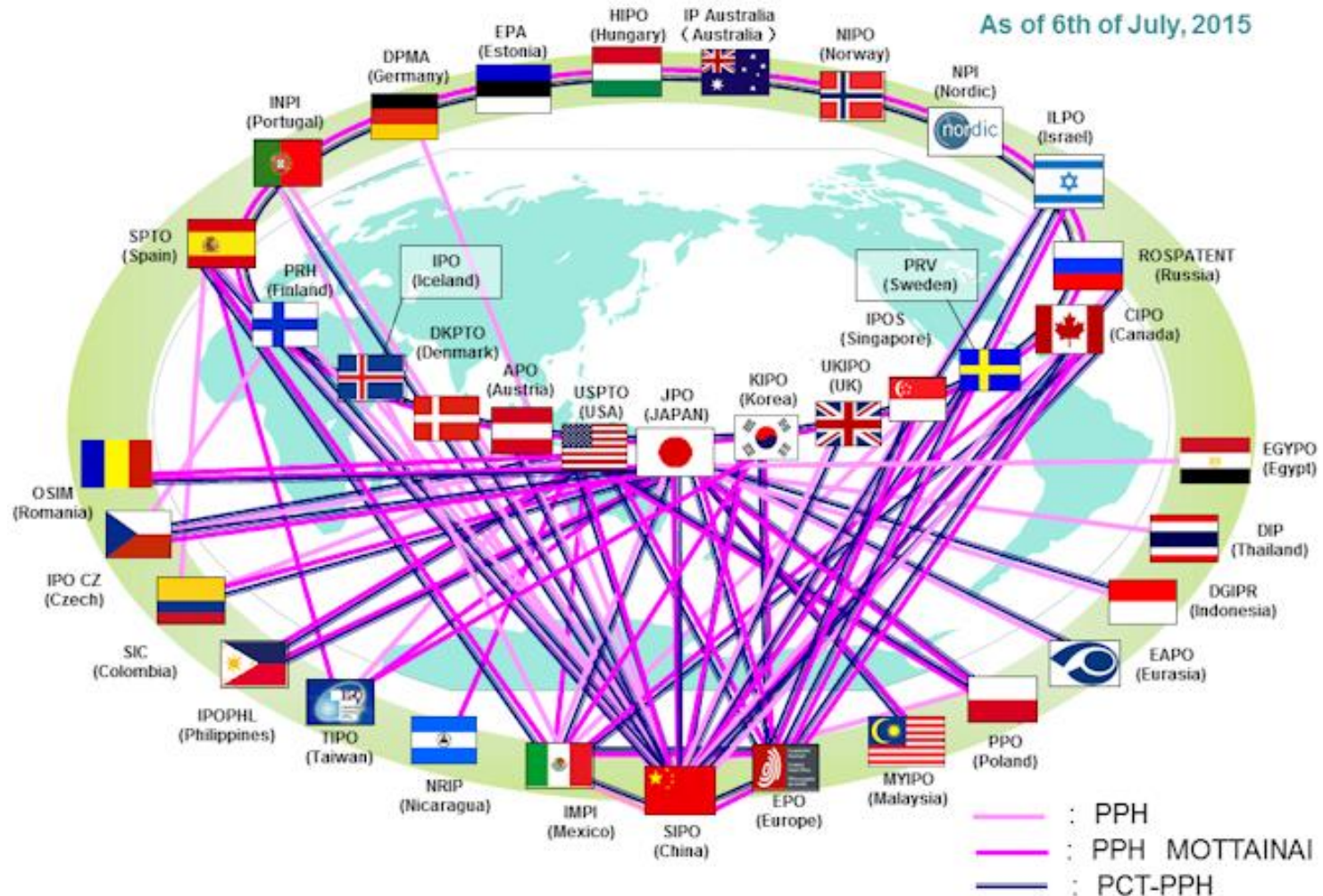
<sup>\*1</sup> Period: Jan.-Dec. 2013

<sup>\*2</sup> Period: Mar. 2014

<sup>\*3</sup> Period: Apr. 2012-Mar. 2013

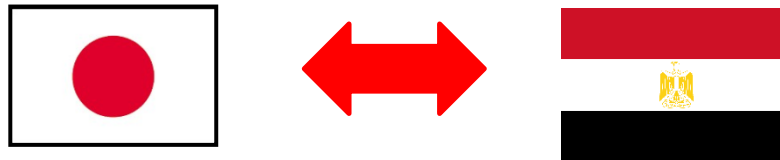
<sup>\*4</sup> Figures include the number of PCT-PPH

# Expanding PPH Network

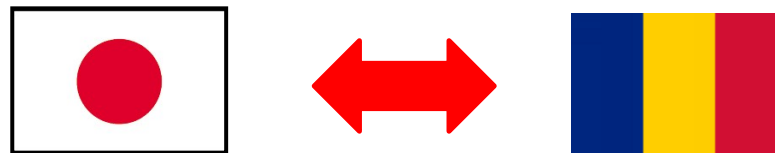


# Expanding PPH Network

- June 2015: EGYPO (Egypt)



- July 2015; OSIM (Romania)



- Which country is the next...?



# Summary

- WIPO has several ad hoc committees of experts. One of them is **SCP (Standing Committee on the Law of Patents)** . Five substantive issues are now under discussion.
- WIPO is providing **“Patent Scope” and other IP databases**, which are useful for IP offices and practitioners.
- **PPH** is to enhance the utilization of the results of search and examination between the world's major IP Offices. For more efficiency, **PCT-PPH** started in January 2010, **“PPH MOTTAINAI”** started in July 2011 and **“Global PPH”** started in January, 2014.

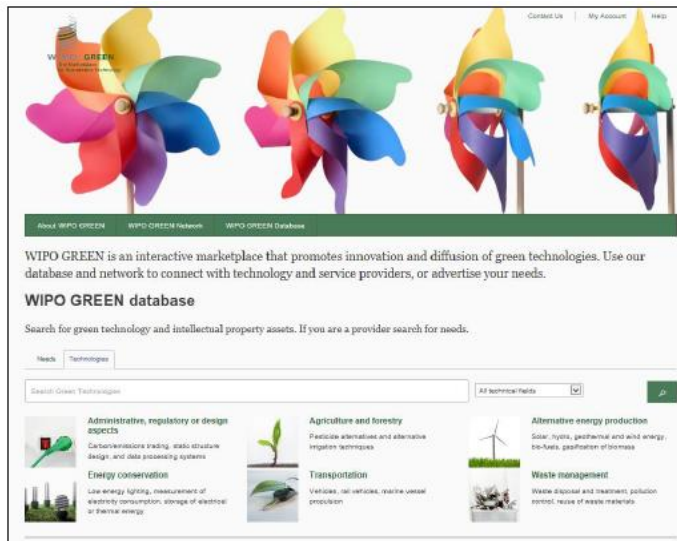
### 3. Global IP Policy

# World IP Organization (WIPO)

WIPO, “Exploring the interface between IP and other policy topics”  
<http://www.wipo.int/policy/en/>

# WIPO Green

- WIPO GREEN is **an interactive marketplace** that promotes innovation and diffusion of **green technologies** by connecting technology and service providers with those seeking innovative solutions.



Website: <https://webaccess.wipo.int/green>

Partners

# WIPO Green Database

- WIPO GREEN database allows you to search **green technology products**, services and intellectual property assets, as well as post an announcement of a need.

## WIPO GREEN database

Search for green technology and intellectual property assets. If you are a provider search for needs.

Needs

Technologies

Search Green Technologies

All technical fields



### Administrative, regulatory or design aspects

Carbon/emissions trading, static structure design, and data processing systems



### Energy conservation

Low energy lighting, measurement of electricity consumption, storage of electrical or thermal energy



### Agriculture and forestry

Pesticide alternatives and alternative irrigation techniques



### Transportation

Vehicles, rail vehicles, marine vessel propulsion



### Alternative energy production

Solar, hydro, geothermal and wind energy, bio-fuels, gasification of biomass



### Waste management

Waste disposal and treatment, pollution control, reuse of waste materials

<https://webaccess.wipo.int/green/>

# WIPO Green Cases



[Contact Us](#) | [My Account](#) | [Help](#)

[About WIPO GREEN](#)

[WIPO GREEN Network](#)

[WIPO GREEN Database](#)

## CIGS Thin Film Solar Cell Module

CIGS thin film solar cell module has a light absorbing layer made of  $\text{Cu}(\text{In}_{1-x}\text{Ga}_x)\text{Se}_2$  (CIGS) compound. The module conversion efficiency is over 13% with the commercial products and has reached 15% with prototype. The cell including the CIGS layer is formed on a large glass substrate by sputtering technology. For this reason, it is relatively easy to produce a large-area module. And the effect of partial shade on the module to decrease the power generation is lower than crystalline silicon.

### Technology features

Resources to be saved or improved	Electricity, Air
Benefits	Provides a CIGS thin film solar cell module with module conversion efficiency 15%.
Technology type	Process, Material
Technical fields	Alternative energy production > Solar energy

**Published by** Honda Motor Co.,Ltd

**Published:** 8月 19, 2014

**Edited:** 8月 19, 2014



<https://webaccess.wipo.int/green/SearchDetailPage.htm?id=TGREEN17625>

# WIPO Green Cases

## At a Glance:

### **HEPIA/EcaVert Vertical Green Biobed for treating agricultural effluents**

- Environmental challenge: Reduce contamination of water from pesticides
- Technology solution: Treat effluents, diluted with water, by cycling them through a vertical “biobed” with mixture of soil, organic materials, and plants
- Regional technology dissemination: VG Biobed™ technology and associated know-how
- Transactions: Licensing, sales, joint research and development
- Key players: HEPIA, ecaVert, UNITEC, University of Neuchatel, distributor in Germany
- The technology “Vertical Green Biobed for the efficient degradation of pesticides” is accessible at [www.wipo.int/green](http://www.wipo.int/green)



# WIPO Green Cases

## At a Glance:

### **ECO SANITATION technology to improve rural sanitation**

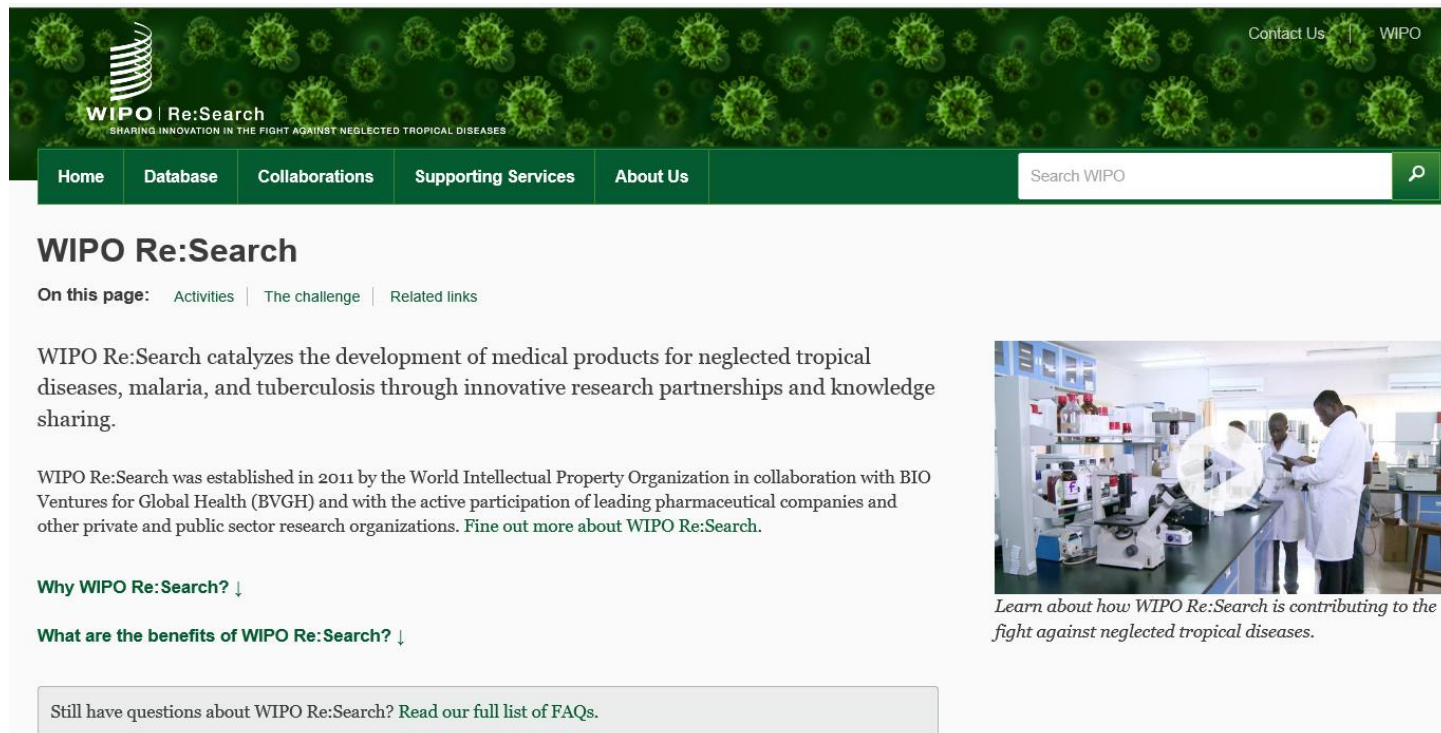
- Environmental challenge: Expand access to improved sanitation in places with no infrastructure
- Technology solution: Waterless toilet system, easy to install and maintain, that converts human waste into compostable material
- Technology dissemination: Manufacturing in South Africa with sales in Africa, the Caribbean, South America, Australia, Europe
- Transactions: Eco Sanitation Ltd., JoJo Tanks, local agents in many countries
- WIPO GREEN: Platform to identify new markets, and new partners for distribution and possibly manufacture





# WIPO Re:Search

- WIPO Re:Search catalyzes the development of medical products for **Neglected Tropical Diseases**, malaria and tuberculosis by brokering new research partnerships and sharing knowledge.



The screenshot shows the WIPO Re:Search website homepage. The header features the WIPO Re:Search logo with the tagline "SHARING INNOVATION IN THE FIGHT AGAINST NEGLECTED TROPICAL DISEASES" and a navigation menu with links: Home, Database, Collaborations, Supporting Services, and About Us. A search bar is located on the right. Below the header, the main content area includes a section titled "WIPO Re:Search" with sub-links: On this page, Activities, The challenge, and Related links. The text describes the organization's mission to catalyze medical product development for neglected tropical diseases through research partnerships and knowledge sharing. It also mentions the organization's establishment in 2011 by the World Intellectual Property Organization in collaboration with BIO Ventures for Global Health (BVGH) and leading pharmaceutical companies. A video player is embedded on the right, showing two scientists in a laboratory setting. Below the video, a caption reads: "Learn about how WIPO Re:Search is contributing to the fight against neglected tropical diseases." At the bottom, a link to the FAQ page is provided: "Still have questions about WIPO Re:Search? Read our full list of FAQs."

WIPO Re:Search  
SHARING INNOVATION IN THE FIGHT AGAINST NEGLECTED TROPICAL DISEASES

Home Database Collaborations Supporting Services About Us Search WIPO

## WIPO Re:Search

On this page: Activities | The challenge | Related links

WIPO Re:Search catalyzes the development of medical products for neglected tropical diseases, malaria, and tuberculosis through innovative research partnerships and knowledge sharing.

WIPO Re:Search was established in 2011 by the World Intellectual Property Organization in collaboration with BIO Ventures for Global Health (BVGH) and with the active participation of leading pharmaceutical companies and other private and public sector research organizations. [Fine out more about WIPO Re:Search.](#)

[Why WIPO Re: Search? ↓](#)

[What are the benefits of WIPO Re:Search? ↓](#)

Still have questions about WIPO Re:Search? [Read our full list of FAQs.](#)

Learn about how WIPO Re:Search is contributing to the fight against neglected tropical diseases.

# WIPO Re:Search Database

- WIPO Re:Search database provides **information on the intellectual property assets available for license or collaboration**. These IP assets include compounds, data, enabling technologies, know-how, and much more.

## WIPO Re:Search Database

The WIPO Re:Search database provides information on the intellectual property assets available for licensing from WIPO Re:Search. These IP assets include compounds, enabling technologies, know-how, and more. The database facilitates the **collaborations** that help us to fight neglected tropical diseases, malaria, and tuberculosis.

- [FAQs on the database](#)
- [Terms of use](#)

[Structured Search](#) [Full Text Search](#)

**Need to find out more about an entry in the database?**

To learn more about any entry, please contact the [Partnership Hub](#), managed by BIO Ventures for Global Health.

Provider:

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> Aberystwyth University   | <input type="checkbox"/> Kumasi Centre for Research in Tropical Medicine (KCRIM) | <input type="checkbox"/> Sanofi   |
| <input type="checkbox"/> African Institute of Biomedical Sciences and Technology (AIBST)        | <input type="checkbox"/> Liverpool School of Tropical Medicine (LSTM)            | <input type="checkbox"/> Stanford University  |
| <input type="checkbox"/> Alnylam  | <input type="checkbox"/> Massachusetts Institute of Technology (MIT)             | <input type="checkbox"/> Swiss Tropical and Public Health Institute   |
| <input type="checkbox"/> Caltech  | <input type="checkbox"/> McGill University (McGill)                              | <input type="checkbox"/> Theodor Bilharz Research Institute - (TBRI)  |
| <input type="checkbox"/> Center for Infectious Disease Research                                 | <input type="checkbox"/> Medical Research Council of South Africa (MRC)          | <input type="checkbox"/> Trypanosomiasis Research Centre at the Kenya Agriculture Research Institute (KARI) |
| <input type="checkbox"/> Center for World Health and Medicine (CWHM)                            | <input type="checkbox"/> Medicines for Malaria Venture (MMV)                     | <input type="checkbox"/> University of Bamako, Mali   |
| <input type="checkbox"/> Centre of Excellence for Malaria Diagnosis, University of Lagos        | <input type="checkbox"/> Merck (MSD)   | <input type="checkbox"/> University of British Columbia   |
| <input type="checkbox"/> Drugs for Neglected Diseases initiative (DNDi)                         | <input type="checkbox"/> National Institute of Parasitic Diseases, China         | <input type="checkbox"/> University of Buea, Cameroon   |
| <input type="checkbox"/> Eisai  | <input type="checkbox"/> National University of Singapore                        | <input type="checkbox"/> University of California Berkeley  |
| <input type="checkbox"/> Eskitis Institute  | <input type="checkbox"/> NIH (USA)   | <input type="checkbox"/> University of Dundee, UK   |
| <input type="checkbox"/> GlaxoSmithKline (GSK)  | <input type="checkbox"/> Northeastern University (NEU)                           | <input type="checkbox"/> University of Edinburgh, UK  |
| <input type="checkbox"/> Infectious Disease Research Institute (IDRI)                           | <input type="checkbox"/> Novartis  | <input type="checkbox"/> University of South Florida  |
| <input type="checkbox"/> International Centre for Genetic Engineering and Biotechnology (ICGEB) | <input type="checkbox"/> PATH  | <input type="checkbox"/> University of Ibadan, Nigeria  |
| <input type="checkbox"/> International Vaccine Institute (IVI)                                  | <input type="checkbox"/> Pfizer  | <input type="checkbox"/> University of Kansas (KU)  |
|   |  | <input type="checkbox"/> University of Washington, Seattle  |
|   |  | <input type="checkbox"/> Walter Reed Army Institute of Research (WRAIR)                                     |

# WIPO Re:Search Database

## WIPO Re:Search Database

The WIPO Re:Search database provides information on the intellectual property assets available for licensing from WIPO Re:Search. These IP assets include compounds, enabling technologies, know-how, and more. The database facilitates the **collaborations** that help us to fight neglected tropical diseases, malaria, and tuberculosis.

- [FAQs on the database](#)
- [Terms of use](#)

### Need to find out more about an entry in the database?

To learn more about any entry, please contact the **Partnership Hub**, managed by BIO Ventures for Global Health.

[Structured Search](#) [Full Text Search](#)

Disease:

Buruli Ulcer  
Chagas disease (American trypanosomiasis)  
Cysticercosis  
Dengue/dengue hemorrhagic fever  
Dracunculiasis (guinea-worm disease)  
Echinococcosis  
Endemic treponematoses (Yaws)  
Foodborne trematode infections (Clonorchiasis, Fascioliasis, Opisthorchiasis)  
Human African trypanosomiasis  
Leishmaniasis

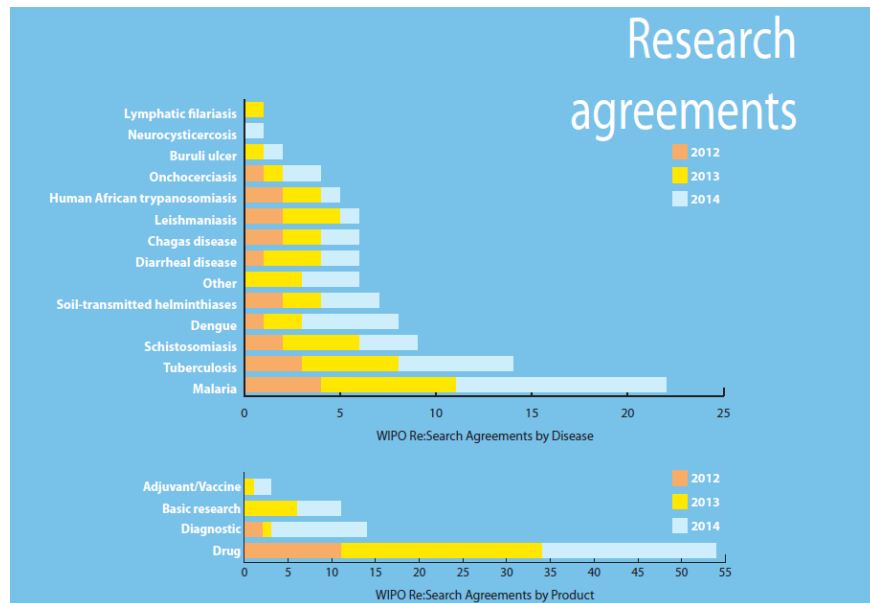
Lymphatic filariasis  
Malaria  
Onchocerciasis  
Podoconiosis  
Rabies  
Schistosomiasis  
Snakebite  
Soil transmitted helminthiasis  
Trachoma  
Tuberculosis

Screening, Hits Data  
Hit-to-Lead  
Lead Series  
Pre-Clinical Candidate  
Clinical Candidate  
Marketed Product  
Enabling Technology (platform)  
Intellectual Property (patents)  
Formulation  
Diagnostic Tool  
Vaccine Technology  
New Biological Entity  
Other Data, Know-how, Services, Resources

<http://www.wipo.int/research/en/search/>

# WIPO Re:Search Report

- At the close of 2014, **82 collaborations** were in place between Members, including 38 established in 2014.
- Sixteen new Members joined WIPO Re:Search in 2014, bringing the total number of Members to **94 organizations from 26 countries**.



Alnylam

Eisai

gsk

GlaxoSmithKline

MERCK\*

MSD\*\*  
Be well

NOVARTIS

Pfizer

SANOFI

# WIPO Re:Search Cases

Year	Provider	User	Research description
2015	GlaxoSmithKline	University of British Columbia	GSK will provide a UBC researcher with a set of compounds with different anti-malarial properties and clearance times. The UBC researcher will test the compounds' effects on erythrocyte deformability during Plasmodium infection.
2015	NIH	Institut Pasteur de Tunis	Researchers from IP Tunis will be utilizing the NIAID/NIH preclinical services program to increase thermostability of IP Tunis' investigational rabies vaccine.
2015	Northeastern University	DNDi	A researcher at Northeastern University provided DNDi with data from compound assays obtained against cutaneous leishmaniasis; based on these data, DNDi is assessing these compounds against a pan-kinetoplastid assay panel.
2015	PATH	Centre Pasteur du Cameroun	PATH will provide a Centre Pasteur du Cameroun researcher with the heater. The CPC researcher will assess the NINA heater's compatibility with a LAMP assay developed to detect malaria gametocytes.
2015	Pfizer	Seattle BioMed	Pfizer will provide a Seattle BioMed researcher with a compound to test against liver-stage malaria.

# IP Advantage

- The IP Advantage database provides a one-stop gateway to **case studies** that chronicle the intellectual property (IP) experiences of inventors, creators, entrepreneurs and researchers from across the globe.
- The case studies offer insights into **how IP works in the real world** and how its successful exploitation can contribute to development.
- IP Advantage aims to promote **a better understanding** of how to create and protect intellectual property and reap the benefits provided by the IP system.

# IP Advantage Database

- The case studies in the IP Advantage database offer insights into **how IP works in the real world**, and how its successful exploitation can contribute to development.

## Case Studies on Intellectual Property (IP Advantage)

The case studies in the IP Advantage database offer insights into how IP works in the real world, and how its successful exploitation can contribute to development.

Please [contact us](#) to submit feedback and suggestions for new case studies.

### Recently added studies

- [Moving Healthcare to the Cloud](#)
- [Defining a Name's Origin: The Case of Feta](#)

Instrument of Protection

\*\*\* Any \*\*\*  
Copyright and Related Rights  
Geographical Indications and Appellations of Origin  
Industrial Designs  
Integrated Circuits

Focus

\*\*\* Any \*\*\*  
Branding  
Commercialization  
Financing  
Franchising

## Featured





# IP Advantage Cases

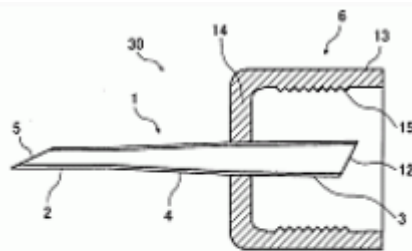
## A Painless Needle

### Background

For diabetes patients, daily injections are an uncomfortable and often painful part of life. With multiple injections required every day, anxiety and fear are typical emotions a patient may have when diagnosed with diabetes, especially for children and those with a fear of needles. Traditionally thought of as an unavoidable part of treatment, injection therapy and the pain and discomfort it causes has become one of the major concerns of diabetes patients. However, thanks to Terumo Corporation (Terumo), a Tokyo based medical equipment manufacturer, this traditionally held view is changing.



Terumo's trademark is registered at the United States Patent and Trademark Office (USPTO)



Drawing from Terumo's patent application for its painless needle (PCT application PCT/JP2003/008781, PATENTSCOPE® search)





# IP Advantage Cases

## Using Traditional Knowledge to Revive the Body and a Community

### Background

Nestled in the tropical forests of the Agasthyamalai hills of the Western Ghats, a mountain range in Kerala state, India, live the indigenous Kani tribe, traditionally a nomadic people with a population of almost 25,000. In December 1987, Dr. Palpu Pushpangadan, then director of the Tropical Botanical Garden and Research Institute (TBGRI) in Kerala, was leading a team from the All India Coordinated Research Project on Ethnobiology (AICRPE) on an ethnobotanical expedition to the Western Ghats.



The Western Ghats, the home of the Kani tribe (Photo: Alish Bennett)



# IP Advantage Cases

## Bridging the Gap from the Laboratory to the Market

### National Metal and Materials Technology Center, Thailand

In many emerging economies, researchers, inventors and entrepreneurs face many barriers to successfully commercializing innovations. Limited exposure to the commercial sector, less developed technological capability, and a general focus on academic publishing instead of intellectual property (IP) means that in many cases it is easier and less risky for companies to purchase technology from abroad instead of developing it locally. Many of these economies are also based on agricultural commodities, and slim profit margins make it difficult for players in the agricultural industry to take a risk on a locally developed technology that has yet to be proven.



Examples of semi-finished rubber in smoke sheets and rubber blocks (Photo: MTEC)



Resulting sludge containing rubber solids collected from processing equipment (Photo: MTEC)

# IP Successes in ASEAN Region

- A collection of **case studies highlighting how IP has been used** to foster economic, social, and cultural development in Southeast Asian nations.



# Success Story – Thailand

**Propagandist** is a design company in Thailand established in 1994 by **four advertising experts**.

Success of Propagandist is based on creating playful yet practical designs that place priority on form, function, and fun. With slightly irreverent brands such as Mr. P, the company has been able to protect its products with IP, **expand its brand portfolio and put the “P” back into profits.**



Shy Black Lamp



Dog Lamp

# Success Story – Viet Nam

Early awareness of the importance of the effective use of the IP system played a key role in **SCC's** success:

“Without investing in the protection of our IP assets, it would have been significantly easier for free riders to take advantage our ingenuity, creativity and reputation making it more difficult if not impossible, for the company to establish itself as a leader in cosmetics manufacturing in Viet Nam”,

say **SCC's** managers.



Bottle of Miss Saigon®

# Japan Patent Office (JPO)

JPO, “Annual Report in 2014”

[http://www.jpo.go.jp/shiryu\\_e/toushin\\_e/kenkyukai\\_e/annual\\_report2014.htm](http://www.jpo.go.jp/shiryu_e/toushin_e/kenkyukai_e/annual_report2014.htm)



# J-Plat Pat

- **J-Plat Pat** is the Japanese IP database which is former IPDL (Industrial Property Digital Library).
- J-Plat Pat links to J-Global (Scientific Journal) and Chinese and Korean IP database.

The screenshot displays the J-Plat Pat website interface. At the top, the logo "J-Plat Pat" is shown with the tagline "Japan Platform for Patent Information". To the right, a "Help desk" section provides contact information: (9:00-21:00), (+81)3-6666-8801, and the email [helpdesk@j-platpat.inpit.go.jp](mailto:helpdesk@j-platpat.inpit.go.jp). Further right are links for "Japanese", "Top page", "Help list", "Site map", "JPO", and "INPIT". The National Center for Industrial Property Information and Training logo is also present.

The main navigation bar features three categories: "Patent & Utility Model" (with a lightbulb icon), "Design" (with a 'D' icon), and "Trademark" (with a registered trademark symbol). Below this, the interface is organized into a grid of search and classification options:

	Number search	Classification search	Text search	Classification
<b>Patent &amp; Utility Model</b>	<ul style="list-style-type: none"><li><a href="#">Patent &amp; Utility Model Number Search</a></li></ul>	<ul style="list-style-type: none"><li><a href="#">FI/F-term Search</a></li></ul>	<ul style="list-style-type: none"><li><a href="#">PAJ</a></li></ul>	<ul style="list-style-type: none"><li><a href="#">Patent Map Guidance(PMGS)</a></li></ul>
<b>Design</b>	<ul style="list-style-type: none"><li><a href="#">Design Number Search</a></li></ul>	<ul style="list-style-type: none"><li><a href="#">Design Classification Search</a></li></ul>		<ul style="list-style-type: none"><li><a href="#">Japanese Design Classification List</a></li></ul>
<b>Trademark</b>		<ul style="list-style-type: none"><li><a href="#">Searching Figure Trademarks or Non-traditional Marks</a></li></ul>	<ul style="list-style-type: none"><li><a href="#">Japanese Trademark Database</a></li><li><a href="#">Searching Goods &amp; Services</a></li><li><a href="#">Japanese Well-Known Trademark</a></li></ul>	<ul style="list-style-type: none"><li><a href="#">Table of the Classification of Figurative or Other Elements of Marks</a></li></ul>



Patent & Utility Model



Design



Trademark

[Top page](#) > Patent & Utility Model > FI/F-term Search



## FI/F-term Search [? Help](#)

[Search](#) → [List](#) → [Detail](#)

You can retrieve a variety of patent and utility model gazettes by FI/F-term.

Publication issued, and updates schedule, please refer to the [NEWS](#).

**Kind(This choice can be omitted. When you have no check, all Kinds are chosen.)**

- ☐ Patent(A, A1, B) ☐ Patent specification(C)  
☐ Utility model(U, U1, A1, Y) ☐ Examined utility model specification(Z)

### Theme code

e.g. 4K018

### FI/F-term

e.g. 4K018AA01 or ZAA or [B22F3/02@M+4K018CA08]\*4K018BA13

\*You can if you enter a theme, to omit the theme in F-term when searching for that theme.

### Publication Date

from: e.g. 20150101

-to: e.g. 20150331

### Priority of search result display

- ☒ Unexamined applications(A, U, U1, A1) ☐ Examined/Granted applications(B, Y)

 Search



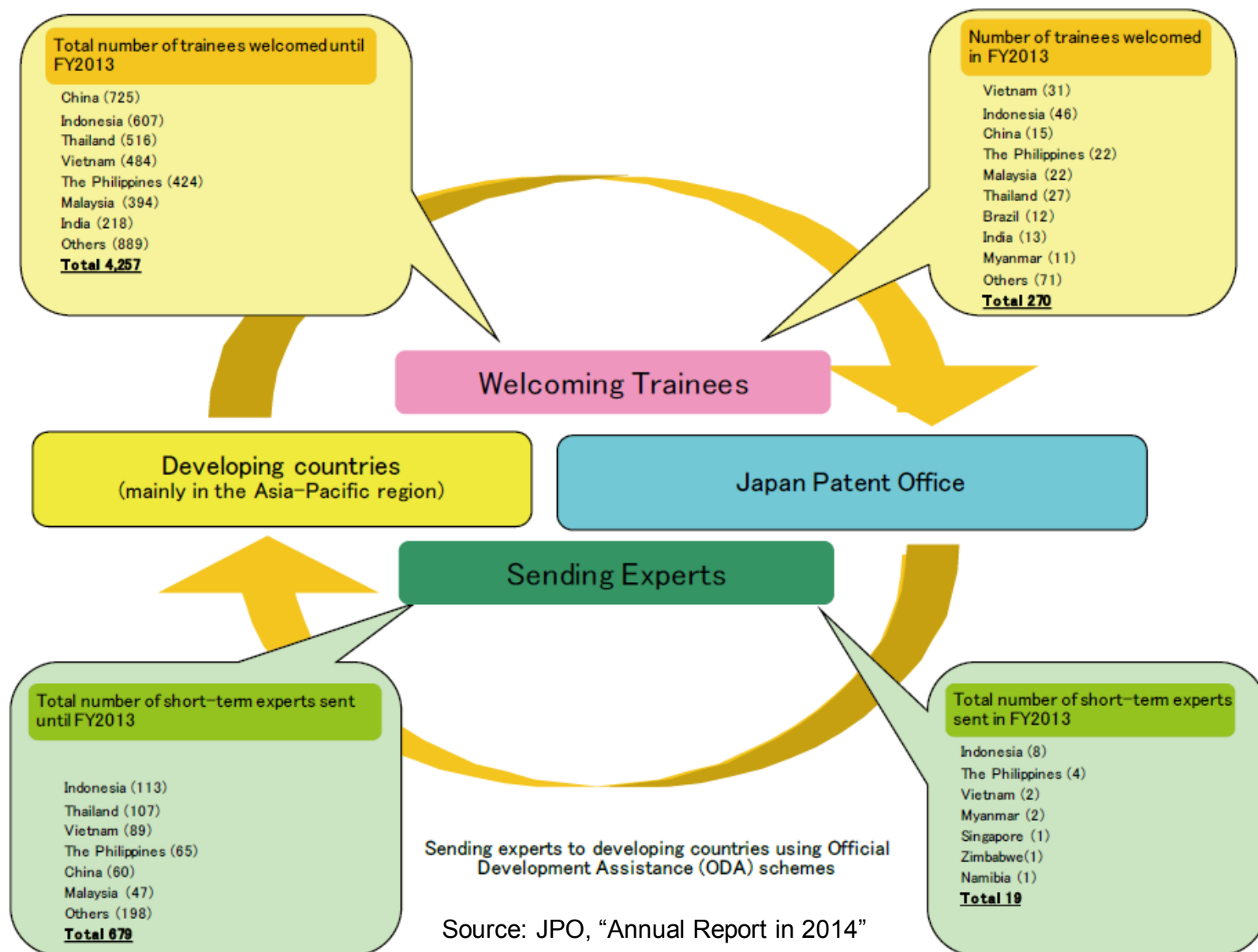
# AIPN (1)

- In order to handle the increasing backlog of examination and to expedite the examination of a patent application that has been filed both in Japan and overseas, the JPO has been **provide foreign IP Offices with the results of the searches and examinations conducted by the JPO.**
- As part of this collaboration, in October 2004, the JPO established **the Advanced Industrial Property Network (AIPN)** through which examination information in the JPO and the results of searches and examinations conducted by the JPO are provided to foreign IP offices.

# AIPN (2)

- The purpose of the AIPN is to enable IP offices overseas to obtain in machine-translated English the following: **file wrappers, examination-related documents, and information on the legal status of an application or a patent**, thereby enabling Japanese applicants to more quickly obtain patents in other countries.
- As of March 2015, the AIPN has been available in the following **66 locations**: Australia, Austria, Brazil, Canada, China, Chinese-Taipei, Denmark, Finland, France, Germany, Greece, Holland, India, Indonesia, Malaysia, Mexico, Norway, the Philippines, Poland, Korea, Romania, Russia, Thailand, United Kingdom, Vietnam, Singapore, Lao PDR, Cambodia, Myanmar.....

# IPR Training from Japan



Source: JPO, "Annual Report in 2014"

# Summary

- WIPO has several IP Policies such as “WIPO Green”, “WIPO Re: Search” and “IP Advantages”, which are successful.
- JPO is providing “J-Plat Pat” and “AIPN”. AIPN can provide the results of search and examination conducted by the JPO to foreign IP offices. IPR Training by the JPO has been successful.

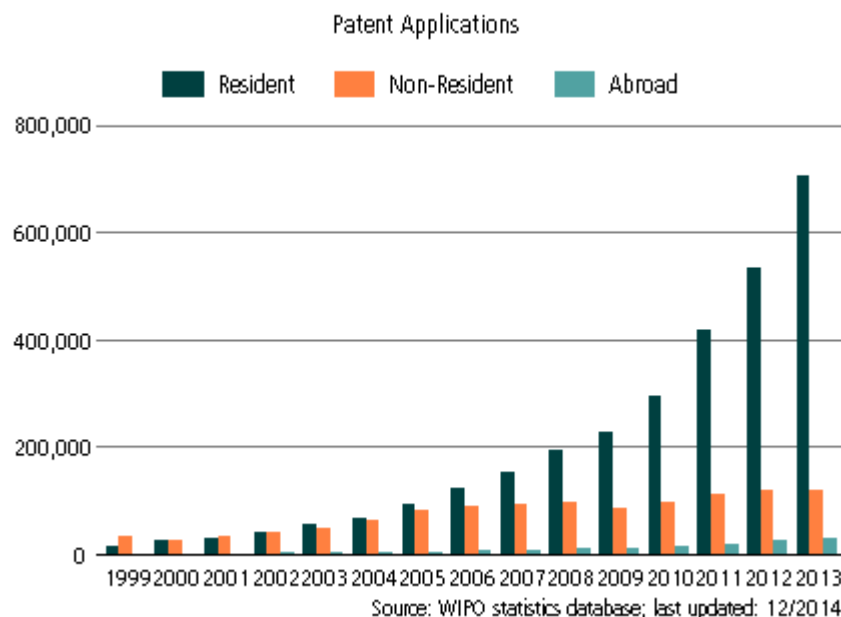
## 4. Further Discussion

WIPO, “Statistical Country Profiles”

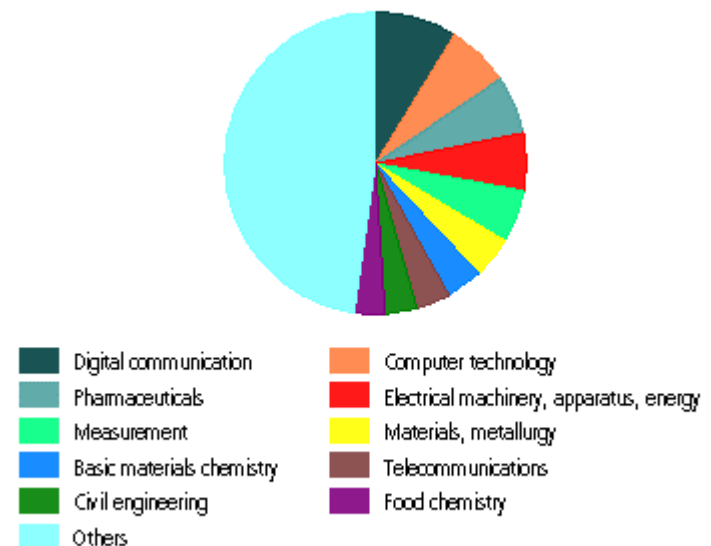
[http://www.wipo.int/ipstats/en/statistics/country\\_profile/profile.jsp?code=JP](http://www.wipo.int/ipstats/en/statistics/country_profile/profile.jsp?code=JP)

# China

- Patent Applications is **increasing**. Applications from Resident are more than those from Non-Resident.
- **Digital communication, Computer technology and Pharmaceuticals** are major fields of patent applications.

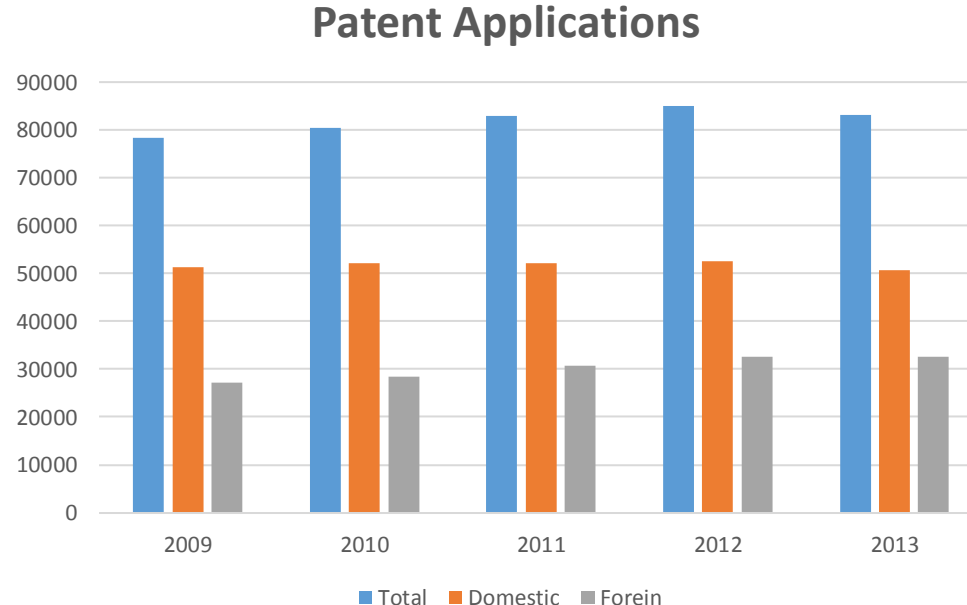


Patent Applications by Top Fields of Technology (1999 - 2013)



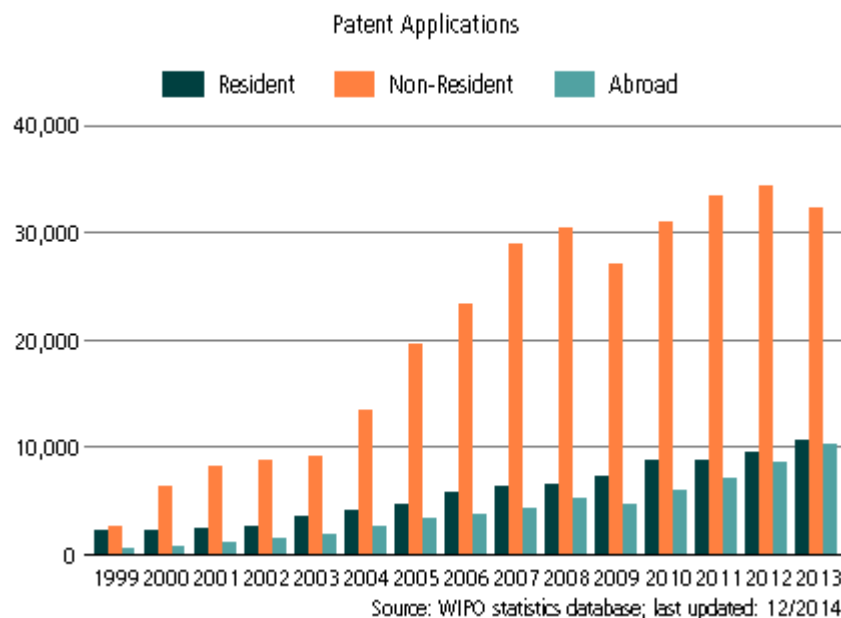
# Taiwan

- Patent Applications is stable. Applications from Resident are more than those from Non-Resident.
- PPH between US and Taiwan (2011), and PPH between Japan and Taiwan (2012) started.

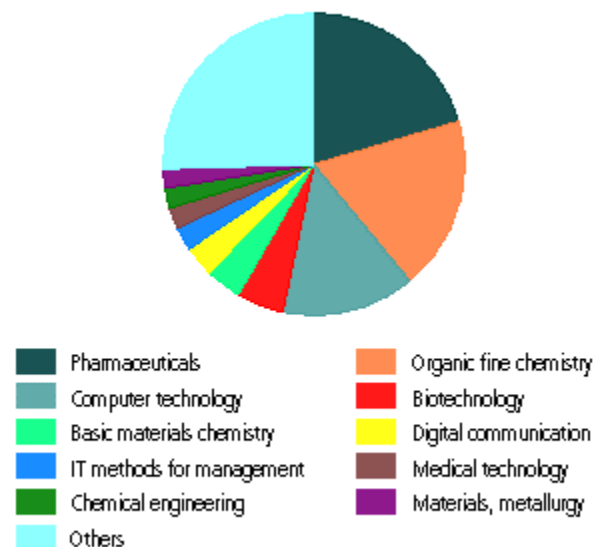


# India

- Patent Applications is **increasing**. Applications from Non-Resident are more than those from Resident.
- **Pharmaceuticals, Organic fine chemistry and Computer technology** are major fields of patent applications.



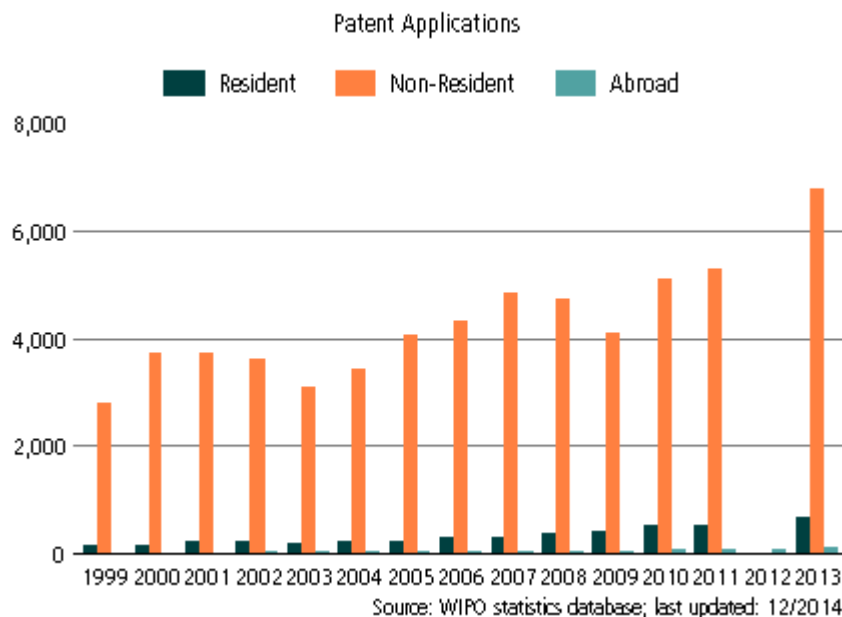
Patent Applications by Top Fields of Technology (1999 - 2013)



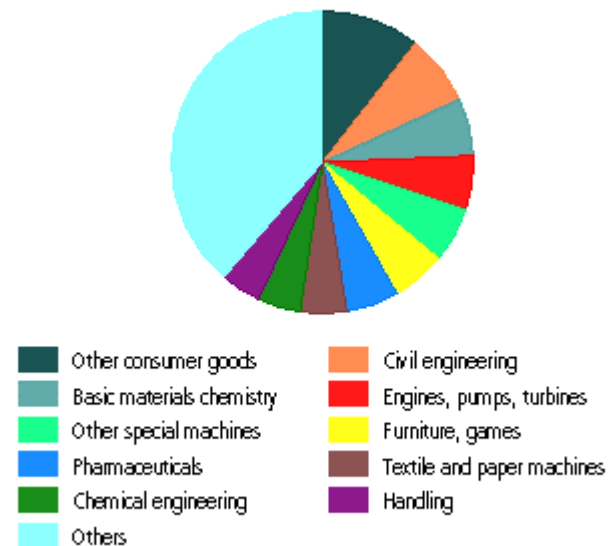


# Indonesia

- Patent Applications is **increasing**. Most applications are from Non-Resident.
- **Consumer goods, Civil engineering, Furniture, Games** are major fields of patent applications.

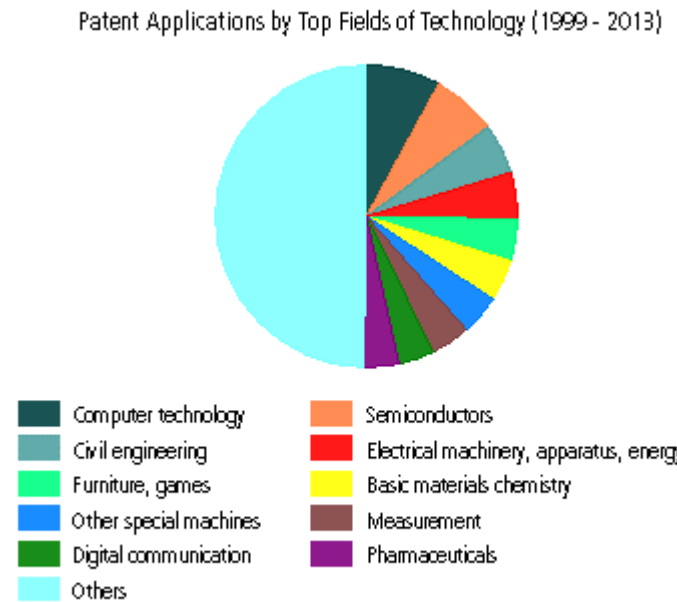
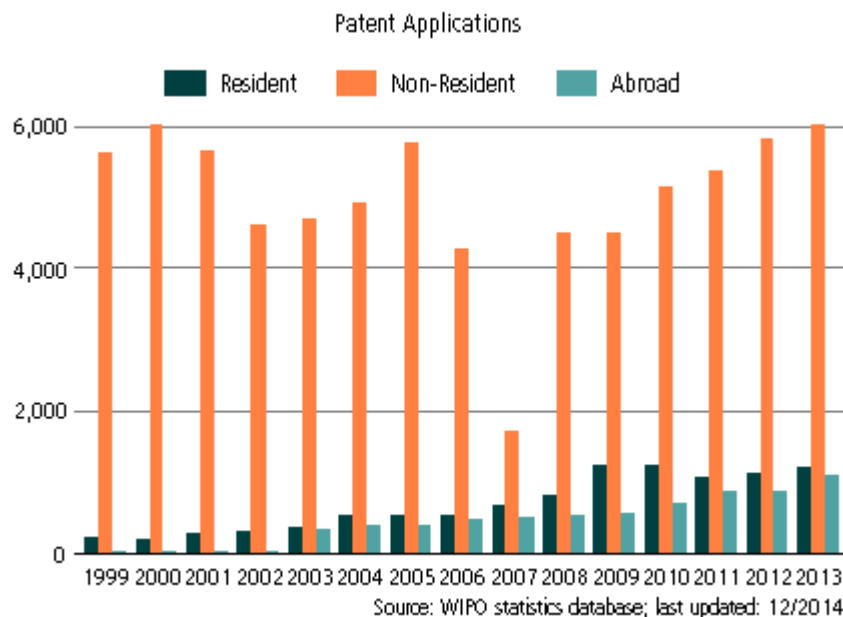


Patent Applications by Top Fields of Technology (1999 - 2013)



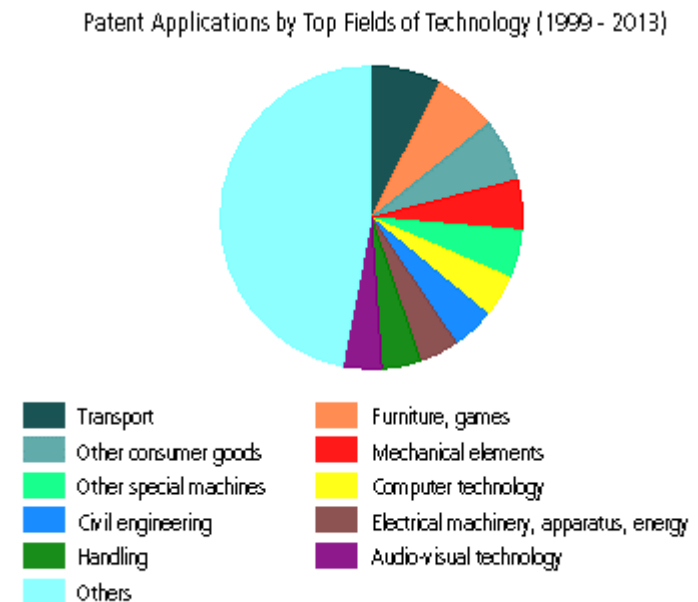
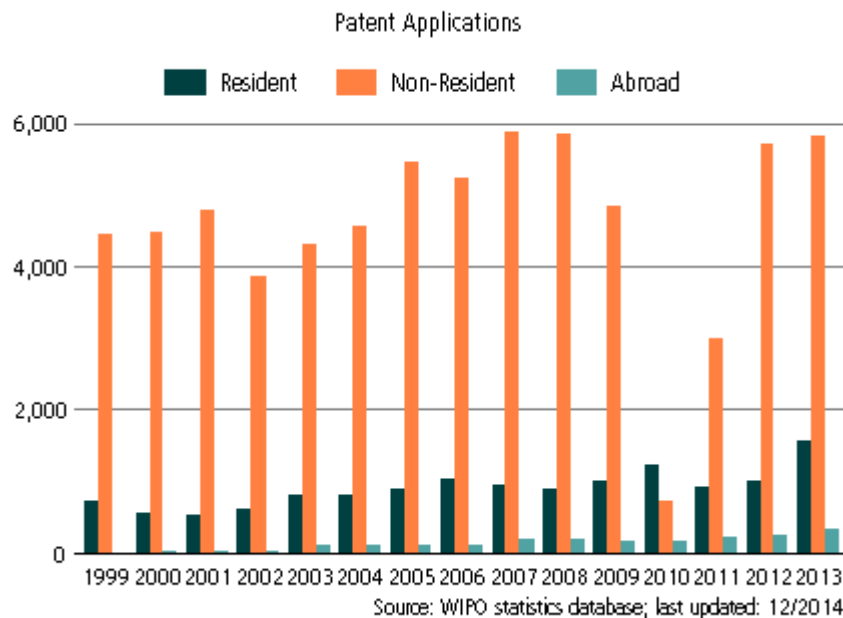
# Malaysia

- Patent Applications is **increasing**. Applications from Non-Resident are more than those from Resident.
- **Computer technology, Semiconductors and Civil engineering** are major fields of patent applications.



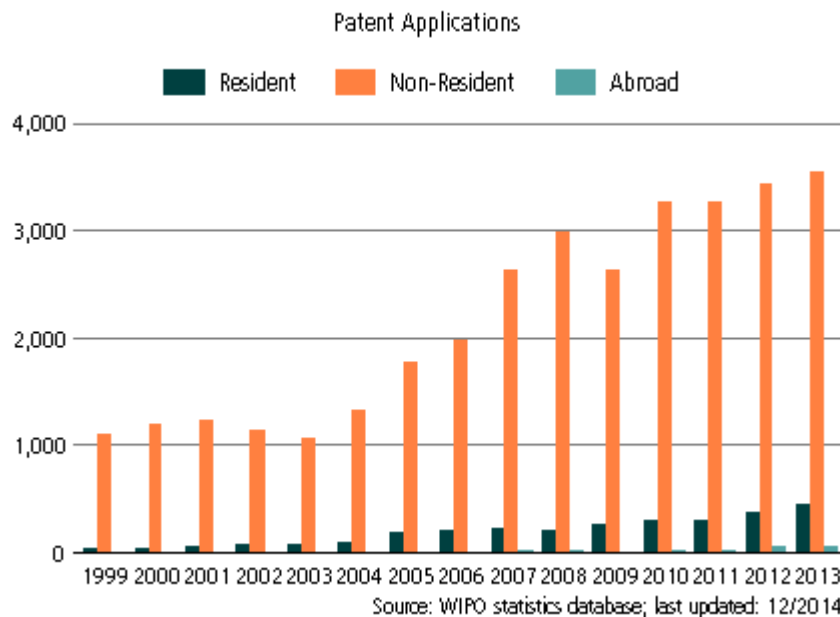
# Thailand

- Patent Applications is **unstable**. Applications from Non-Resident are more than those from Resident.
- **Transport, Furniture, Games, Consumer goods** are major fields of patent applications.

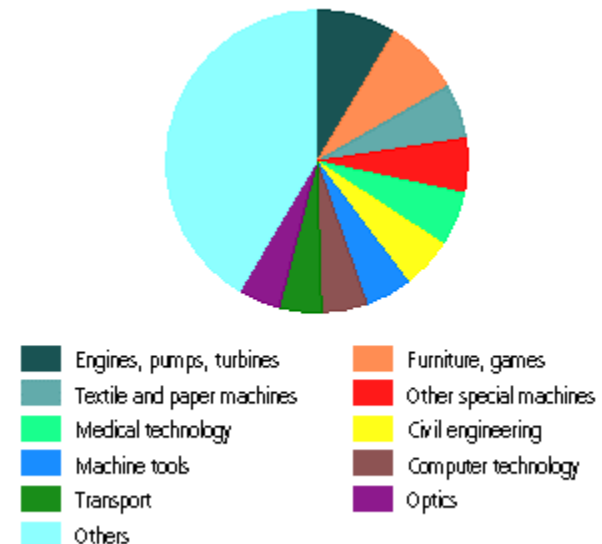


# Viet Nam

- Patent Applications is increasing **for past more than ten years**. Most applications are from Non-Resident.
- **Engines, Pumps, Turbines, Furniture, Games, Textile and Paper machines** are major fields of patent applications.

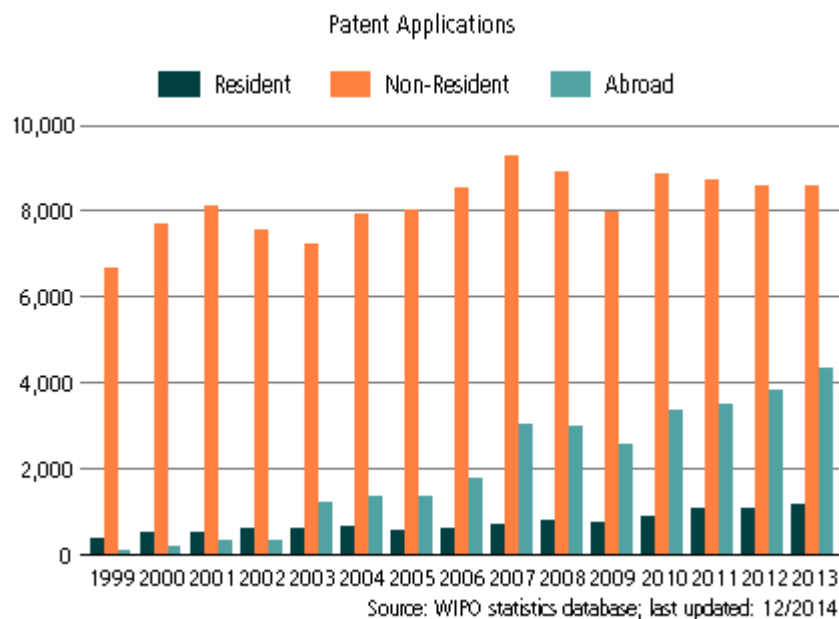


Patent Applications by Top Fields of Technology (1999 - 2013)

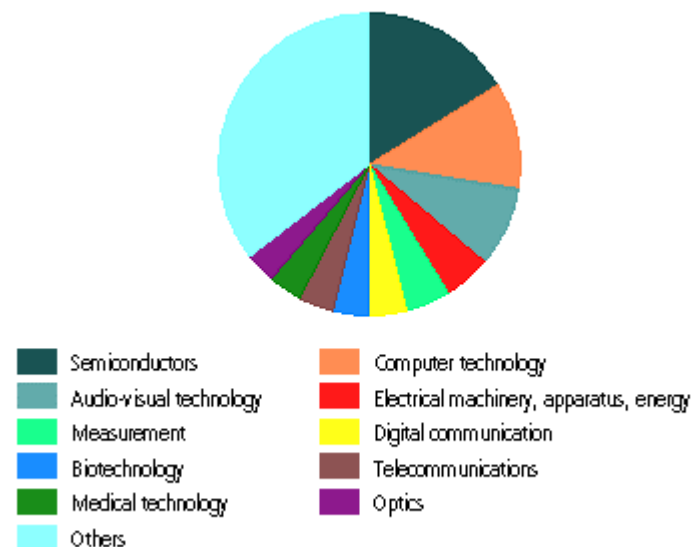


# Singapore

- Patent Applications is stable **for four years**. Most applications are from Non-Resident.
- **Semiconductors, Computer technology and Audio-visual technology** are major fields of patent applications.



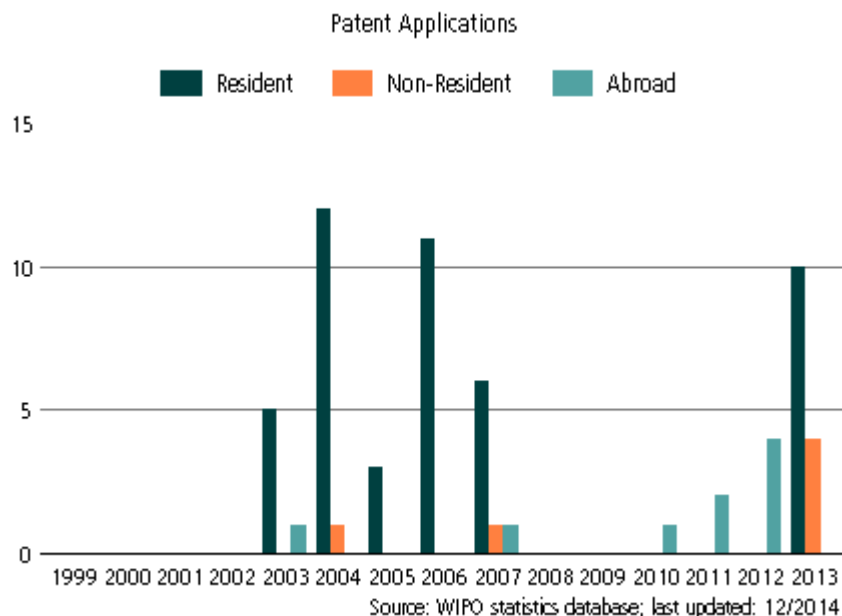
Patent Applications by Top Fields of Technology (1999 - 2013)



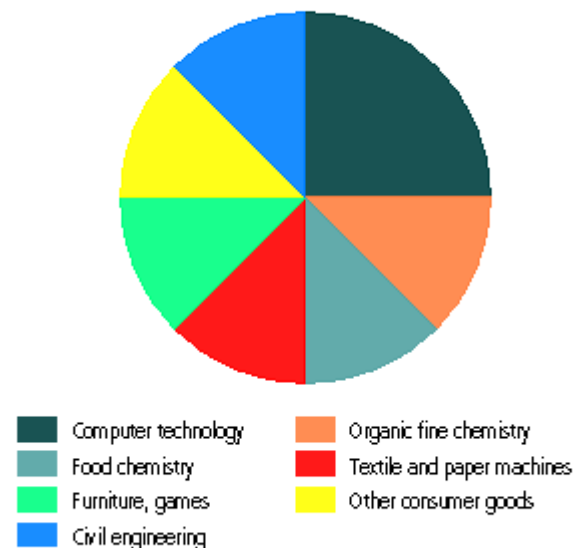
Source: WIPO statistics database; last updated: 12/2014

# Uganda

- Patent Applications is increasing, but not many **for past several years**. Most applications are from Abroad.
- **Computer technology, Organic fine chemistry, Food chemistry** are major fields of patent applications.

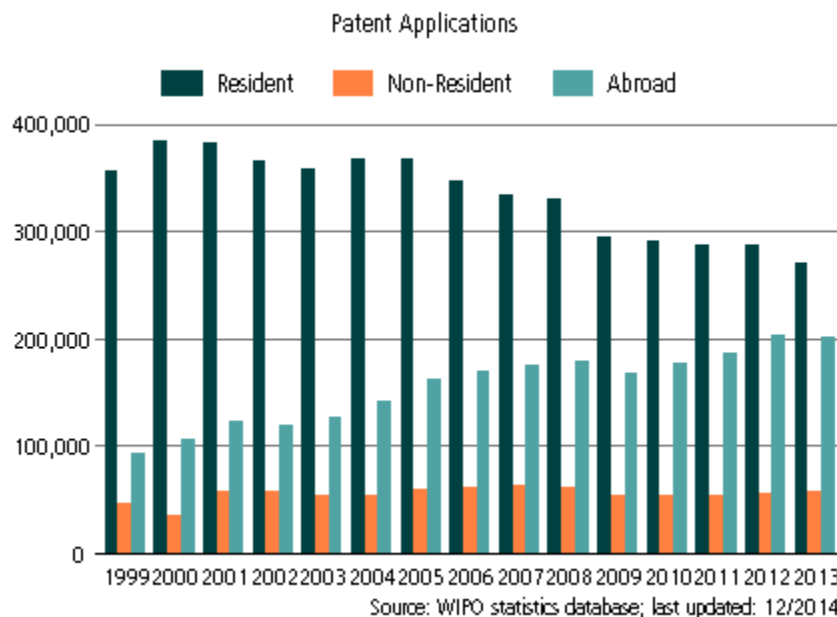


Patent Applications by Top Fields of Technology (1999 - 2013)

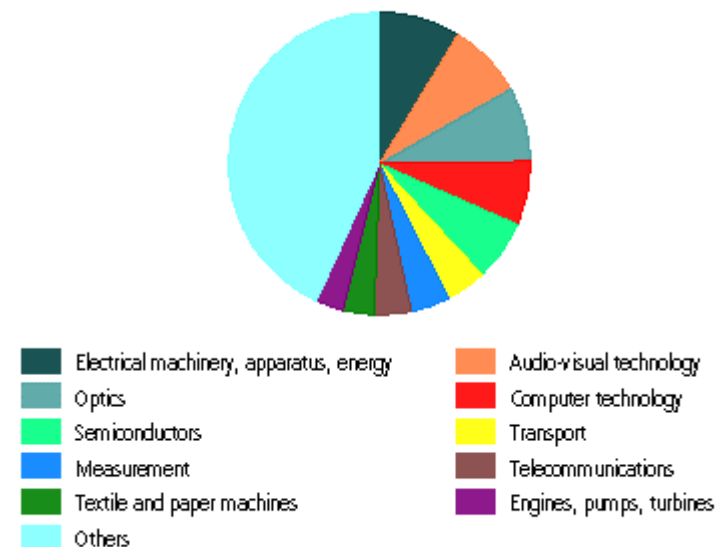


# Japan

- Patent Applications is **stable for several years**. Most applications are from Resident.
- **Electrical machinery, Audio-visual technology, Optics and Computer technology** are major fields of applications.



Patent Applications by Top Fields of Technology (1999 - 2013)



# Summary

- CN is the most patent applications in the world. IN, ID, MY, VN and SG are also increasing the patent applications. JP is decreasing. Taiwan is stable, TH is unstable, and UG is a challenge.
- Technical fields of major patent applications are different among countries. Major fields are “Computer technology” (CH, ID, MY, SG, UG, JP), “Furniture, games” (ID, TH, VN), “Civil engineering” (ID, MY), “Semiconductors” (SG, MY), “Pharmaceuticals” (CH, IN), “Organic fine chemistry” (IN, UG), “Consumer goods” (ID, TH), “Audio-visual” (SG, JP).



2015 JAUIP Summer IP Seminar  
Practitioner Course

Thank you.

August 31<sup>th</sup>, 2015

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