

Introduction Matthew Bryan,  
Director, PCT Legal Division, Patents  
and Technology Sector (PTS), WIPO





## Roving Seminar on WIPO Services and Initiatives

Organized by the World Intellectual Property Organization (WIPO)

partnership with the United States Patent and Trademark Office (USPTO) and the IP Section of the Georgia State Bar

in cooperation with the American Intellectual Property Law Association (AIPLA) and with the support of the United States Chamber of Commerce (USCC) and the support of Meunier Carlin and Curfman LLC



# Introduction to WIPO: Major Intellectual Property Economic Studies



Speaker : Mr. Christopher Ruggiero  
Senior Legal Officer, Section for, Coordination of  
Developed Countries, TDC, WIPO

E-mail: [Christopher.ruggiero@wipo.int](mailto:Christopher.ruggiero@wipo.int)

Atlanta, USA  
April 15, 2016



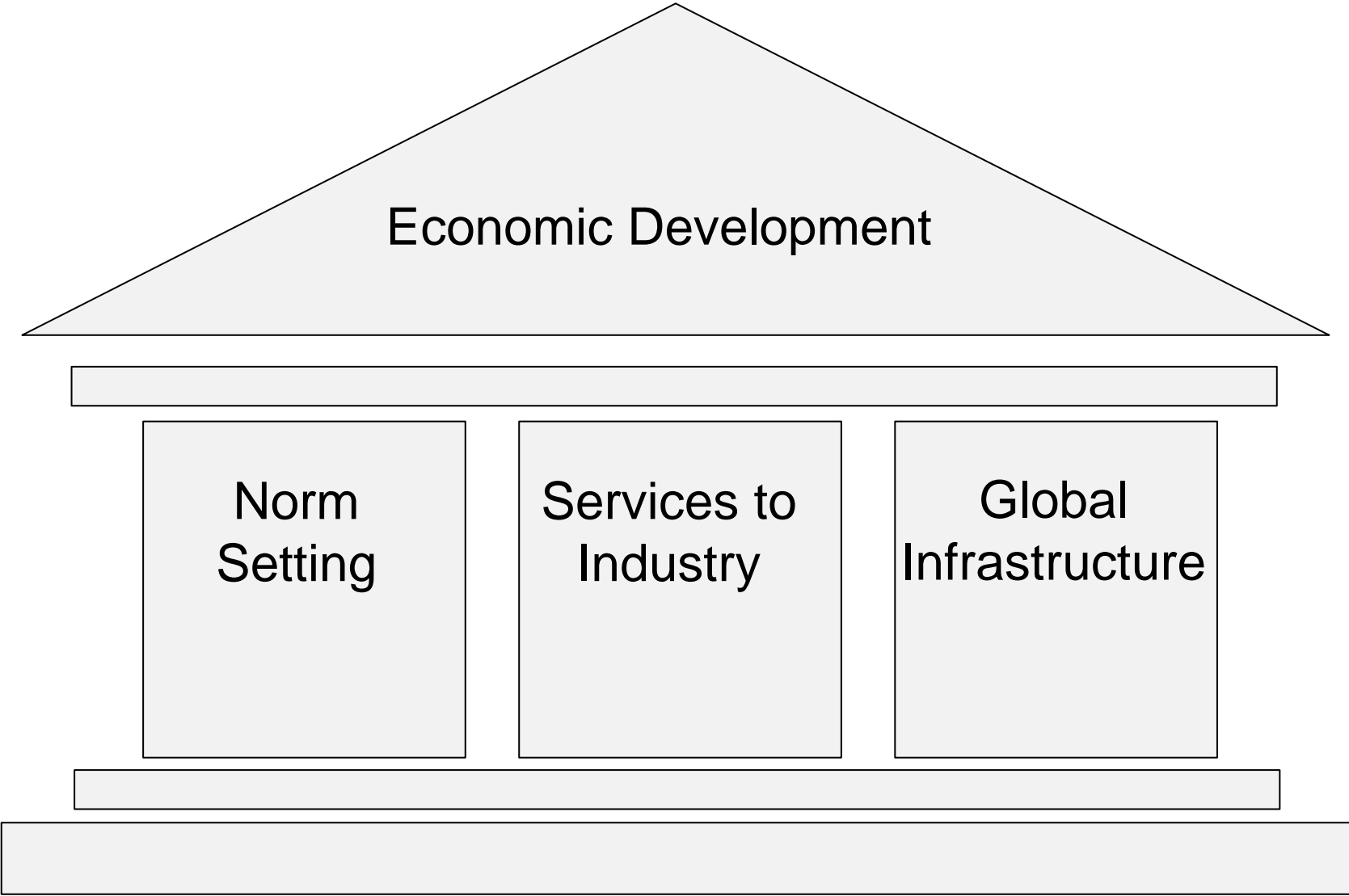
# WIPO



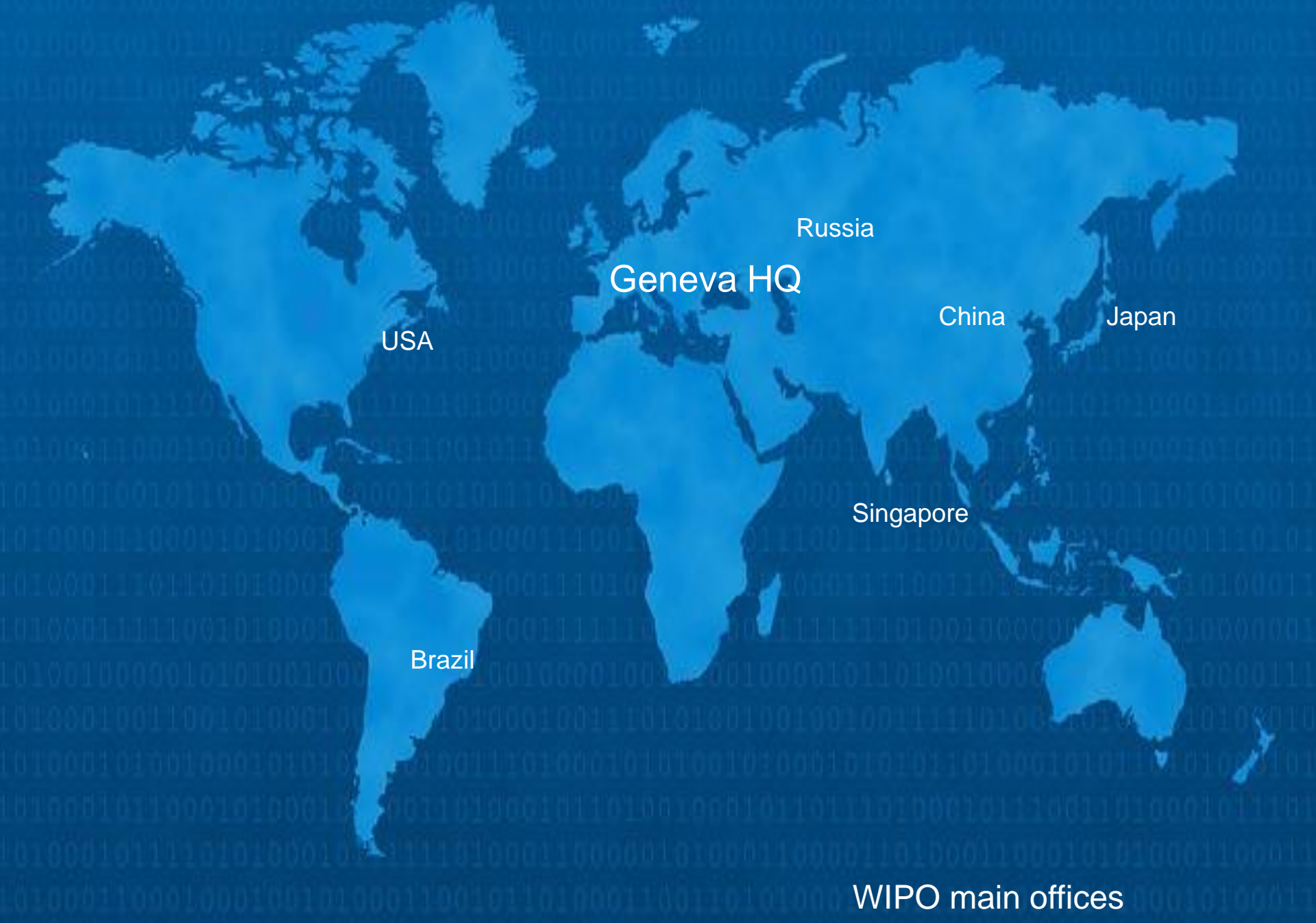
***MISSION:** To lead the development of a balanced and effective international intellectual property (IP) system that enables innovation and creativity for the benefit of all.*

- **MEMBER STATES:** 188
- **OBSERVERS:** more than 390 (NGOs, IGOs, industry groups, etc.)
- **STAFF:** more than 1200
- **ADMINISTERED TREATIES:** 26
- **MAIN BODIES:** General Assembly, CC, WIPO CONFERENCE

# *WIPO is Service and Development oriented*



# ACCESS TO INTERNATIONAL MARKETS



USA

Geneva HQ

Russia

China

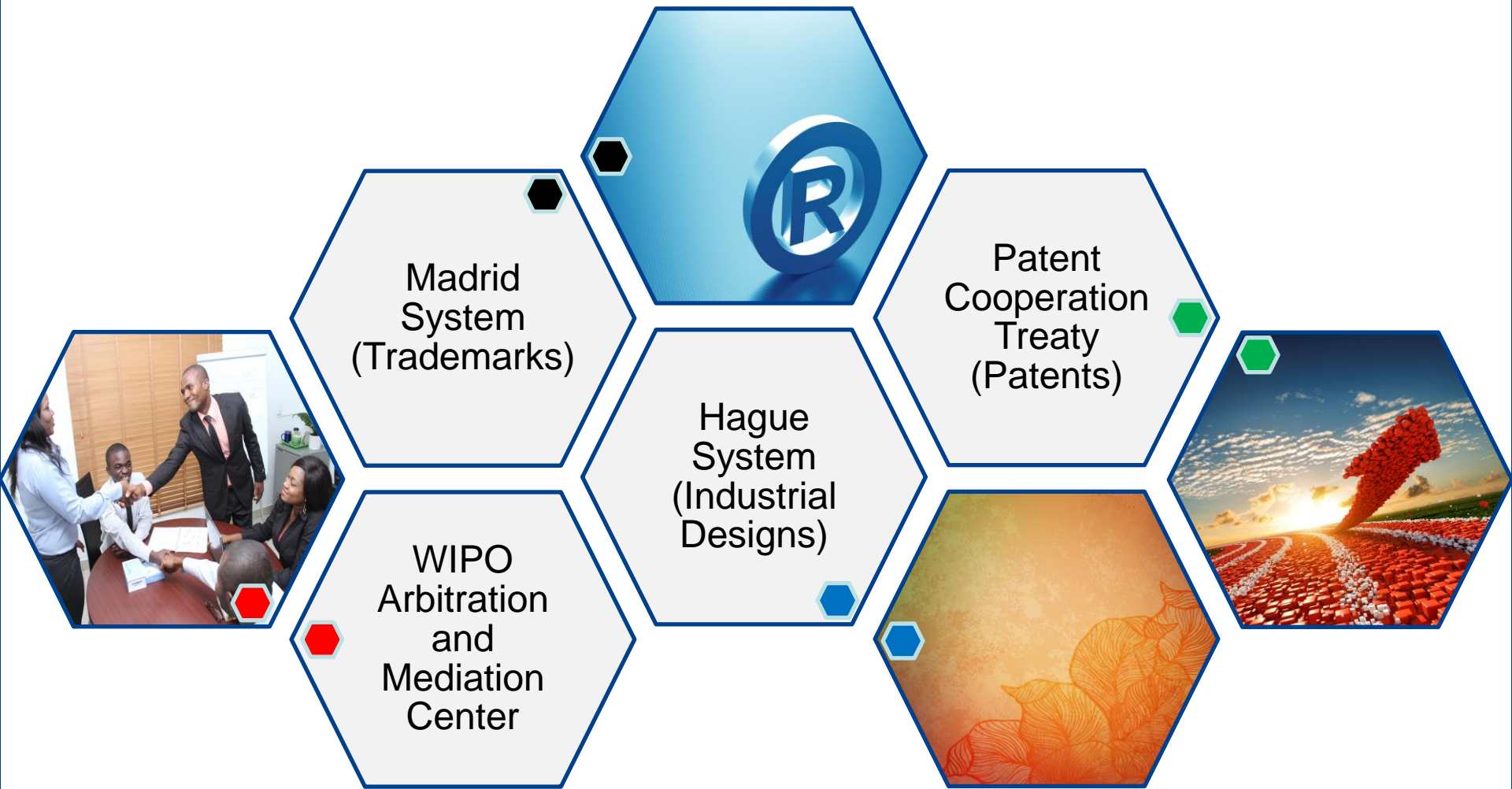
Japan

Singapore

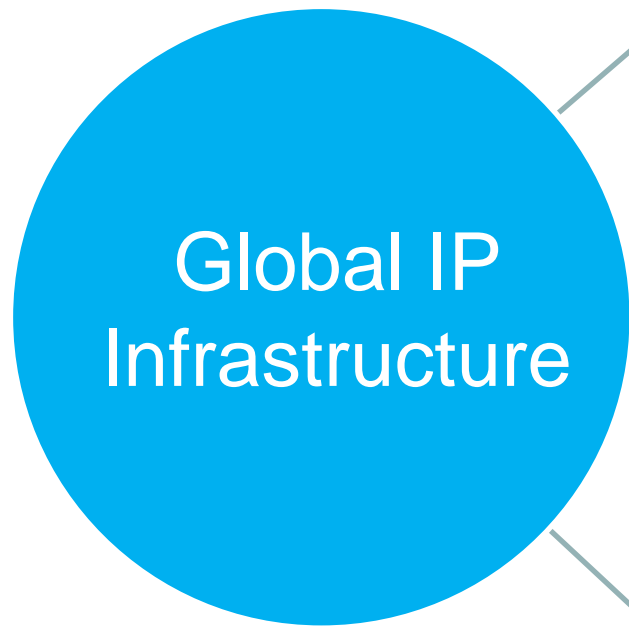
Brazil

WIPO main offices

# WIPO: Provider of Premier Global IP Services







# Global IP Infrastructure

## Repositories of Information

- Databases e.g. Patentscope and Global Brand Database

## Platforms

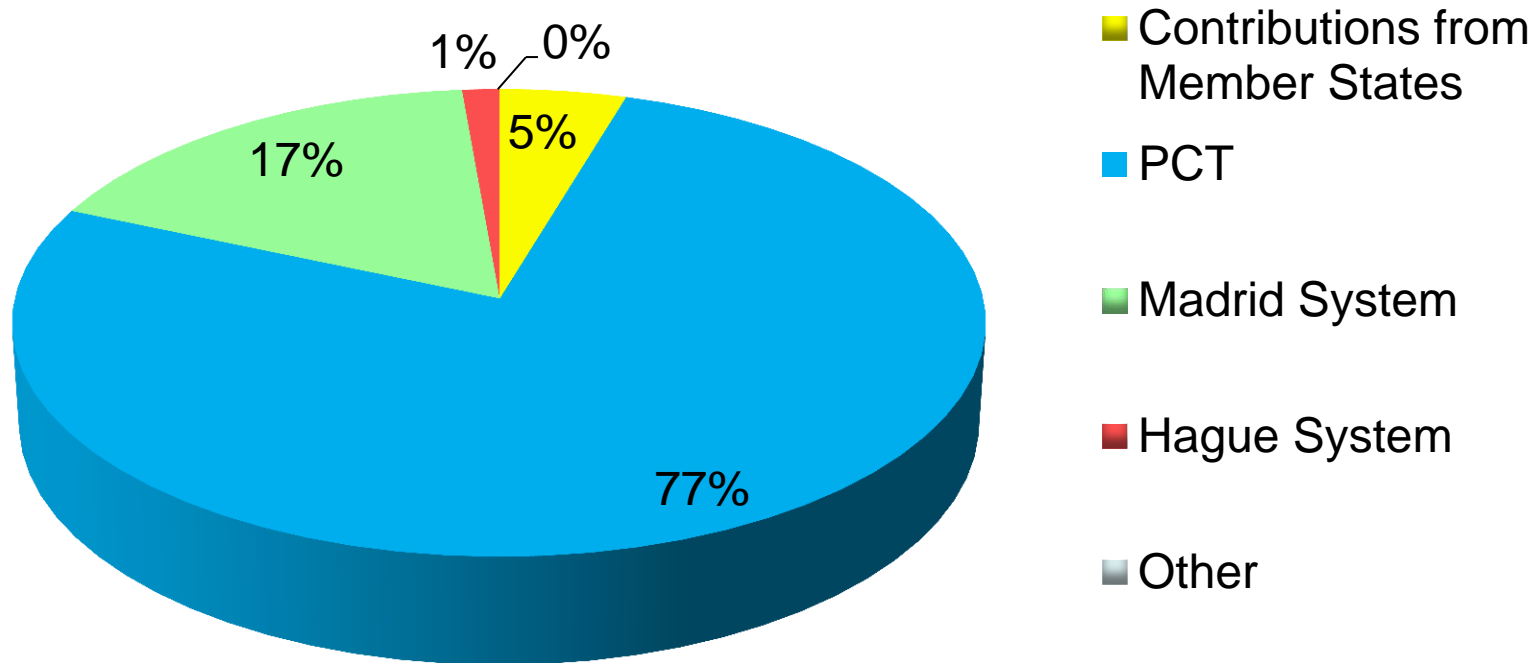
- Common platform for e-data exchange among IPOs: IPAS, DAS
- Other platforms: WIPO GREEN and WIPO Re:Search

## Treatment of Information

- International Classification Systems (Organize into indexed, manageable structures for easy retrieval)
- Standards for IP Offices (Help streamline data processing)

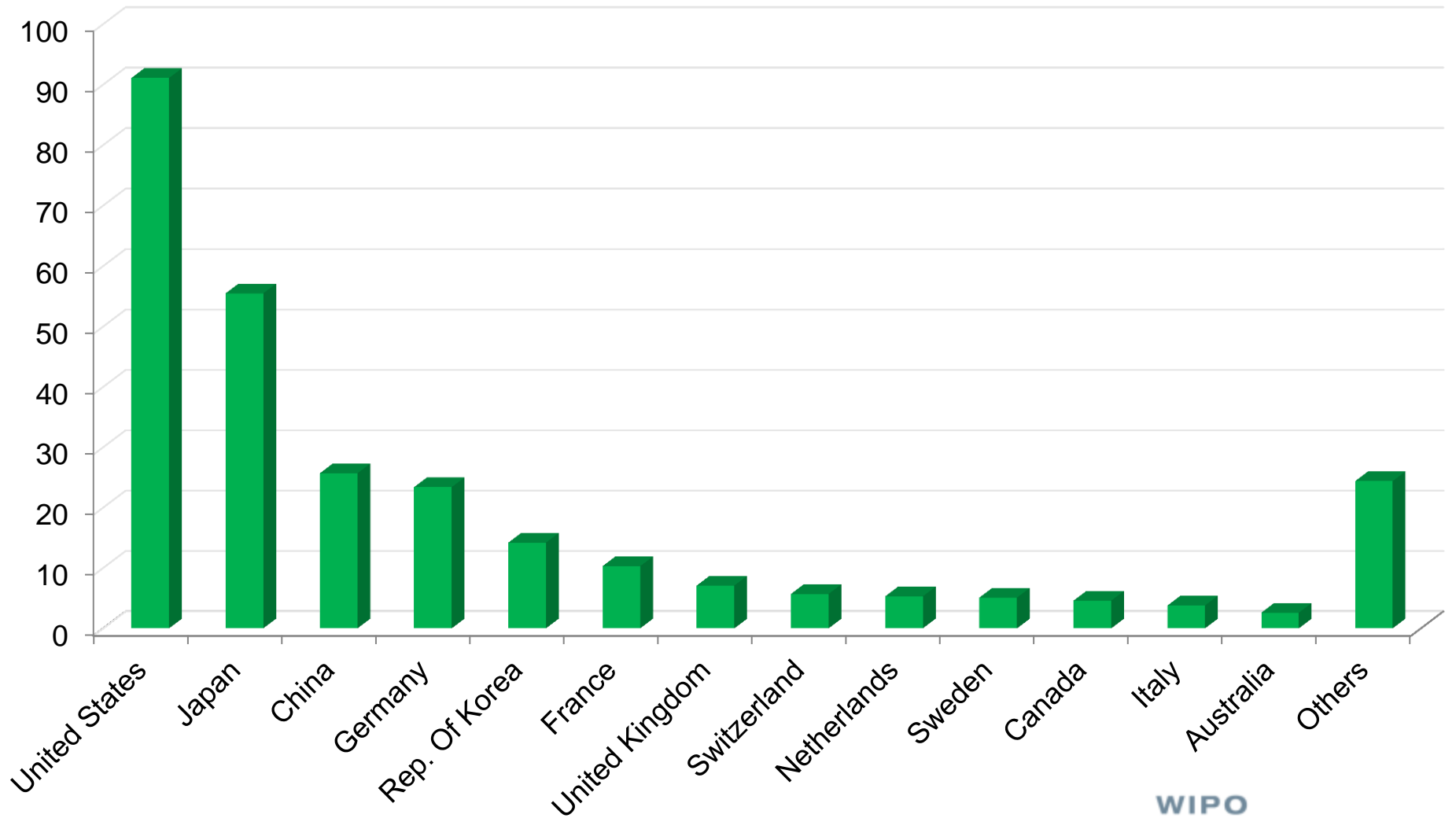
# WIPO's Budget: 756,3 Million CHF for 2016 - 2017

## Budget by income

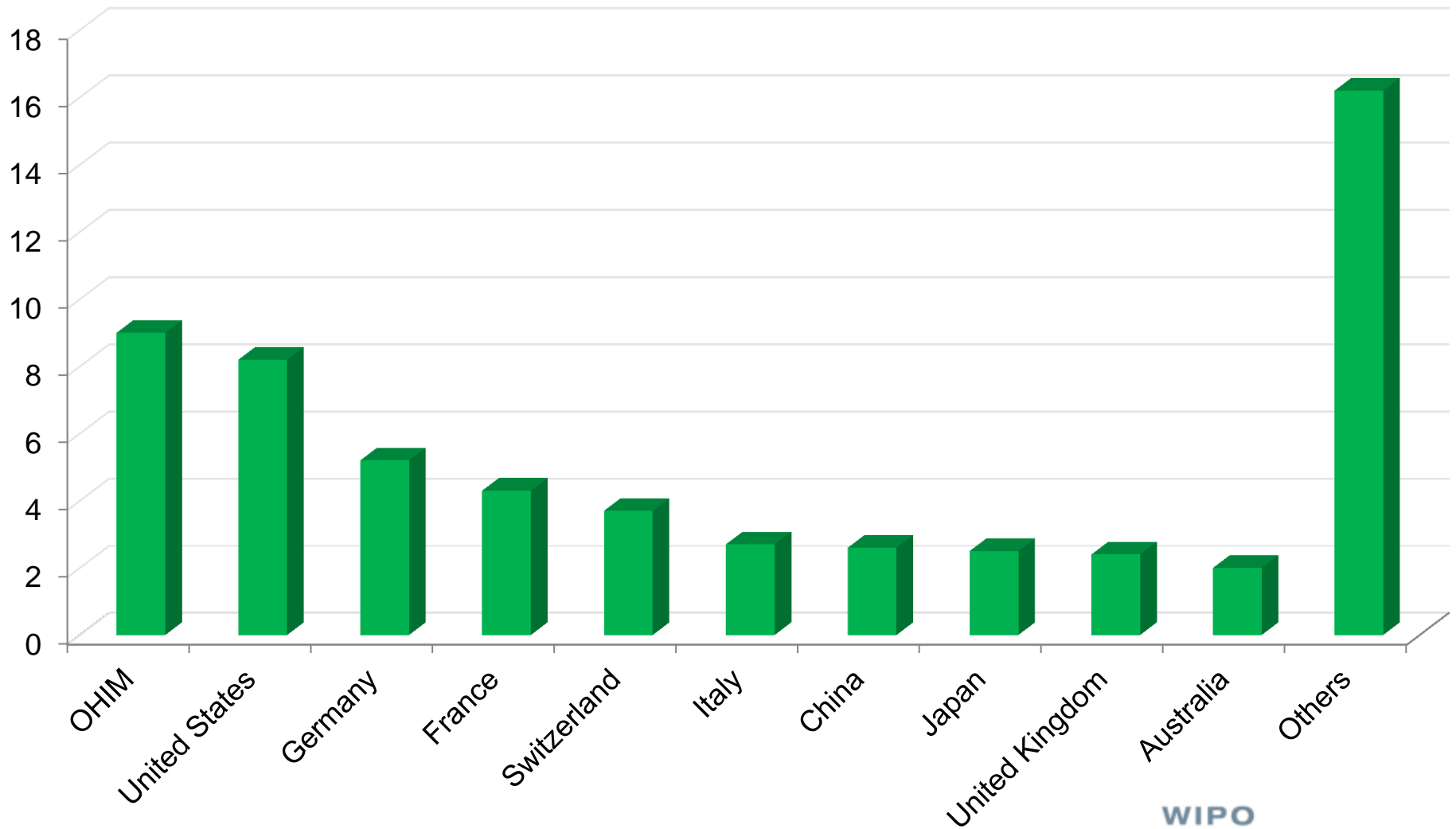




# PCT Income by Origin in 2014 (million CHF)



# Madrid Income by Origin in 2014 (million CHF)



# Major Economic Studies on IP

WIPO Unit – THE ECONOMICS AND STATISTICS DIVISION –  
Reflects the Growing Consensus on the importance of the Economic  
Dimension of IP.

The Division applies statistic and  
Economic analysis to the use of WIPO  
services.

This structure also improves WIPO  
economic insight on IP Development.

World Intellectual  
Property Report

Statistics Series

Patent Cooperation Treaty  
Yearly Review

Statistics Series

Madrid  
Yearly Review

Statistics Series

Hague  
Yearly Review

Statistics Series

WIPO IP Facts  
and Figures

Statistics Series

World Intellectual  
Property Indicators

Economics & Statistics Series

- **World Intellectual Property Report (2015): Breakthrough Innovation and Economic Growth**
- **The PCT Yearly Review** provides an overview of the performance and development of the PCT system:  
<http://www.wipo.int/ipstats/en/statistics/pct/>
- **Madrid Yearly Review:**  
<http://www.wipo.int/ipstats/en>
- **Hague Yearly Review:**  
<http://www.wipo.int/ipstats/en/>
- **The WIPO IP Facts and Figures** provides an overview of IP activity based on the latest available year of statistics. It serves as a quick reference guide for statistics: <http://www.wipo.int/ipstats/en/>
- **World Intellectual Property Indicators (WIPI)** provides an overview of latest trends in IP filings and registrations covering more than 100 offices:  
<http://www.wipo.int/ipstats/en/wipi/index.html>
- **WIPO IP Statistics Data Center**  
<http://ipstatsdb.wipo.org/ipstatv2/ipstats/patentsSearch>

# Country Profile

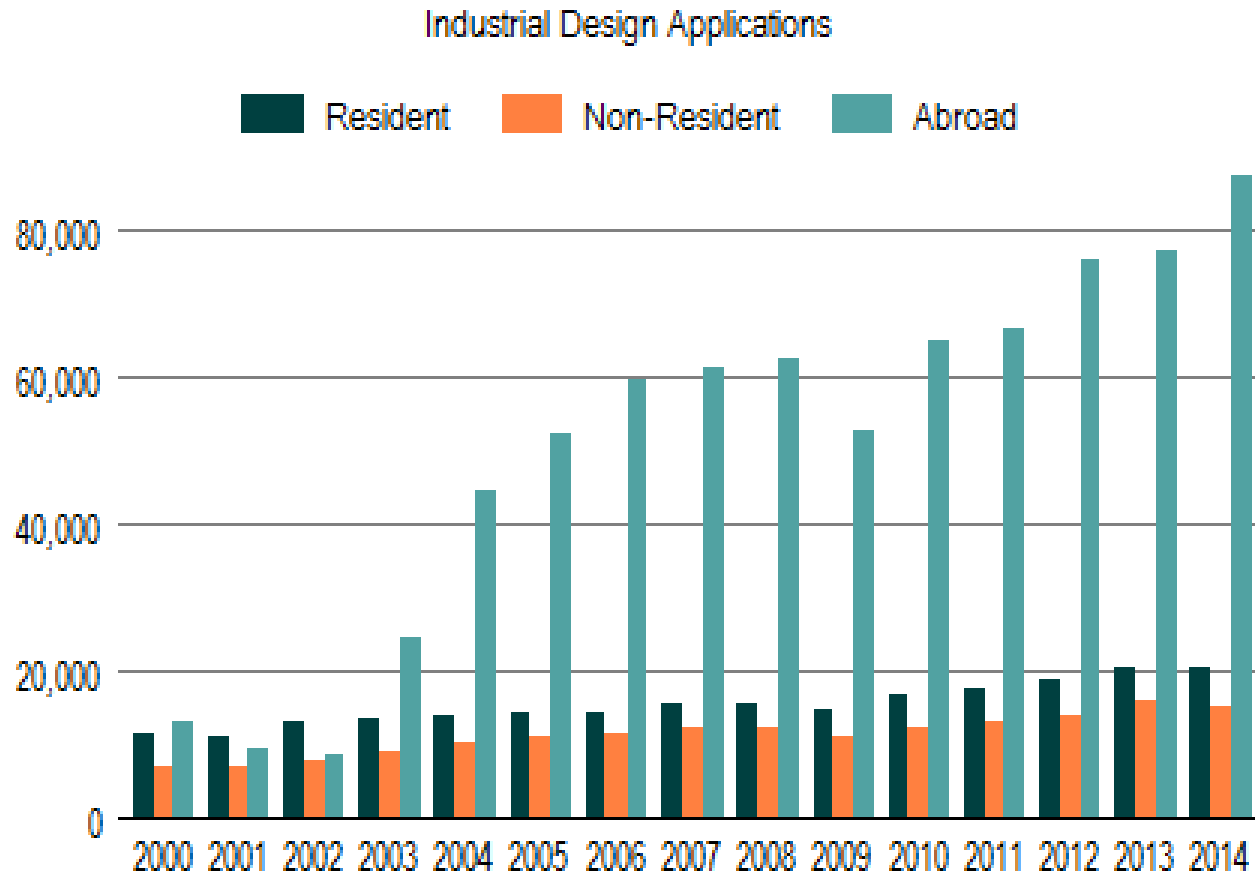


# WIPO Systems New for the USA

- Patent Cooperation Treaty (PCT)
- Madrid System
- Alternative Dispute Resolution
- The Hague System
  - Second largest filer worldwide is Procter and Gamble (US), with 95 filings
  - Among the top five origins, the United States of America saw the fastest growth in the number of registered designs (+14.2%)

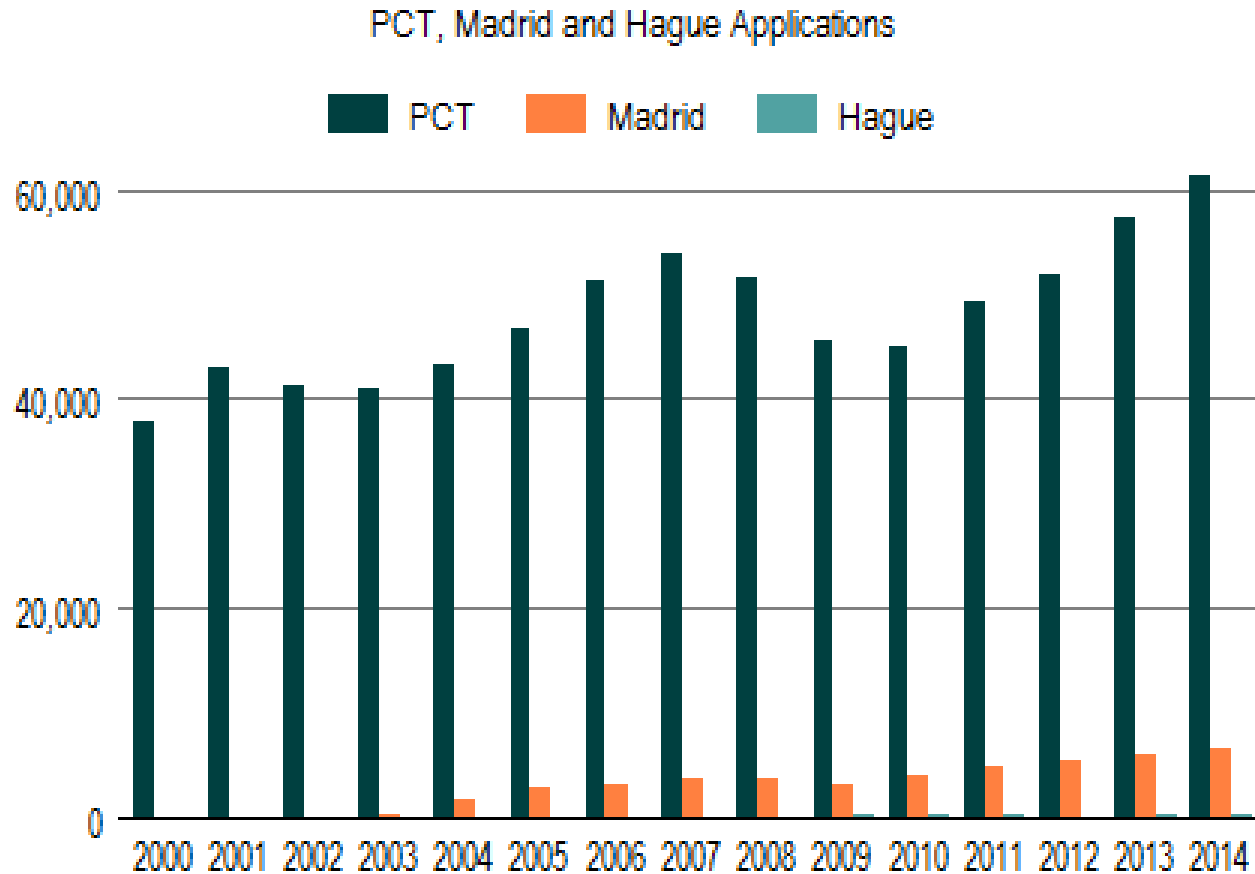


# Industrial Design Applications



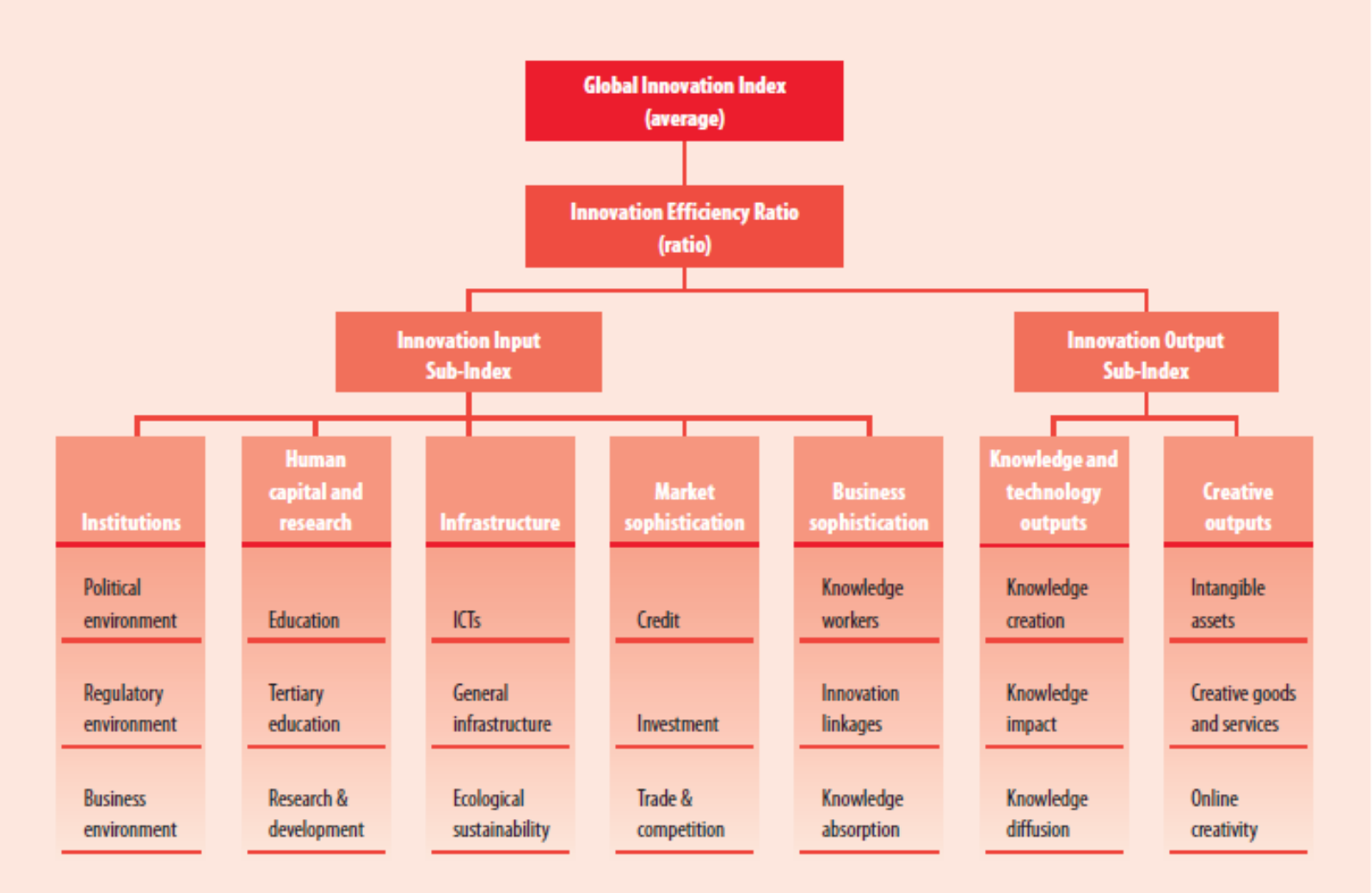
Source: WIPO statistics database; last updated: 12/2015

# International Applications via WIPO Administered Treaties



Source: WIPO statistics database; last updated: 12/2015

# Framework of the Global Innovation Index (GII) 2015



# The GII

## RANKING 2014

1. SWITZERLAND
2. UNITED KINGDOM
3. SWEDEN
4. FINLAND
5. NETHERLANDS
- 6. UNITED STATES OF AMERICA**
7. SINGAPORE
8. DENMARK
9. LUXEMBOURG
10. HONG KONG (CHINA)
11. IRELAND
12. CANADA
13. GERMANY
14. NORWAY
15. ISRAEL

## RANKING 2015

1. SWITZERLAND
2. UNITED KINGDOM
3. SWEDEN
4. NETHERLANDS
- 5. UNITED STATES OF AMERICA**
6. FINLAND
7. SINGAPORE
8. IRELAND
9. LUXEMBURG
10. DENMARK
11. HONG KONG (CHINA)
12. GERMANY
13. ICELAND
14. KOREA, REPUBLIC OF
15. NEW ZEALAND

# United States in the GII 2015:

- Among world's five most-innovative nations, together with Switzerland, United Kingdom, Sweden and the Netherlands
- fall in Gross domestic expenditure on R&D and Business enterprise expenditure on R&D but above pre-crisis levels in 2013:

|      | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 |
|------|------|------|------|------|------|------|
| GERD | 100  | 99   | 99   | 101  | 105  | n/a  |
| BERD | 100  | 96   | 94   | 97   | 103  | n/a  |

- Among high-income countries, a major divider can be found in the quality of innovation. This is the area in which the USA and the United Kingdom largely as a result of their world-class universities, stay ahead
- Among the high-income economies, the United States of America (USA) tops the GII rankings in innovation quality.

# The United States in the GII\*

| Strengths  | Weaknesses                                       |
|--|--|
| 1.2.3 Cost of redundancy dismissal, salary weeks         | 2.2.2 Graduates in science & engineering, %      |
| 1.3.2 Ease of resolving insolvency                       | 3.2.3 Gross capital formation, % GDP             |
| 2.2.1 Tertiary enrollment, % gross                       | 5.2.3 GERD financed by abroad                    |
| 4 Market sophistication (credit, Ease of getting credit) | 6.2.1 Growth rate of PPP\$ GDP/worker, %         |
| 4.2 Investment   | 7.1.1 Domestic res trademark app./bn PPP\$ GDP   |
| 5.2.1 University/industry research collaboration         | 7.1.2 Madrid trademark app. holders/bn PPP\$ GDP |
| 6 Knowledge & technology outputs                         |  |
| 6.1 Knowledge creation                                   |  |
| 6.1.1 Domestic resident patent app./bn PPP\$ GDP         |  |

\* A selection of indicators



# Follow us

- Twitter: [@wipo](https://twitter.com/wipo)
- WIPO Magazine  
[www.wipo.int/wipo\\_magazine/en/](http://www.wipo.int/wipo_magazine/en/)
- WIPO Wire:  
[www.wipo.int/newsletters/en](http://www.wipo.int/newsletters/en)
- Press releases  
[www.wipo.int/pressroom/en/](http://www.wipo.int/pressroom/en/)



Thank you for your attention

E-mail: [Christopher.ruggerio@wipo.int](mailto:Christopher.ruggerio@wipo.int)





# The Patent Cooperation Treaty (PCT) – Current Status and Recent/Future Developments



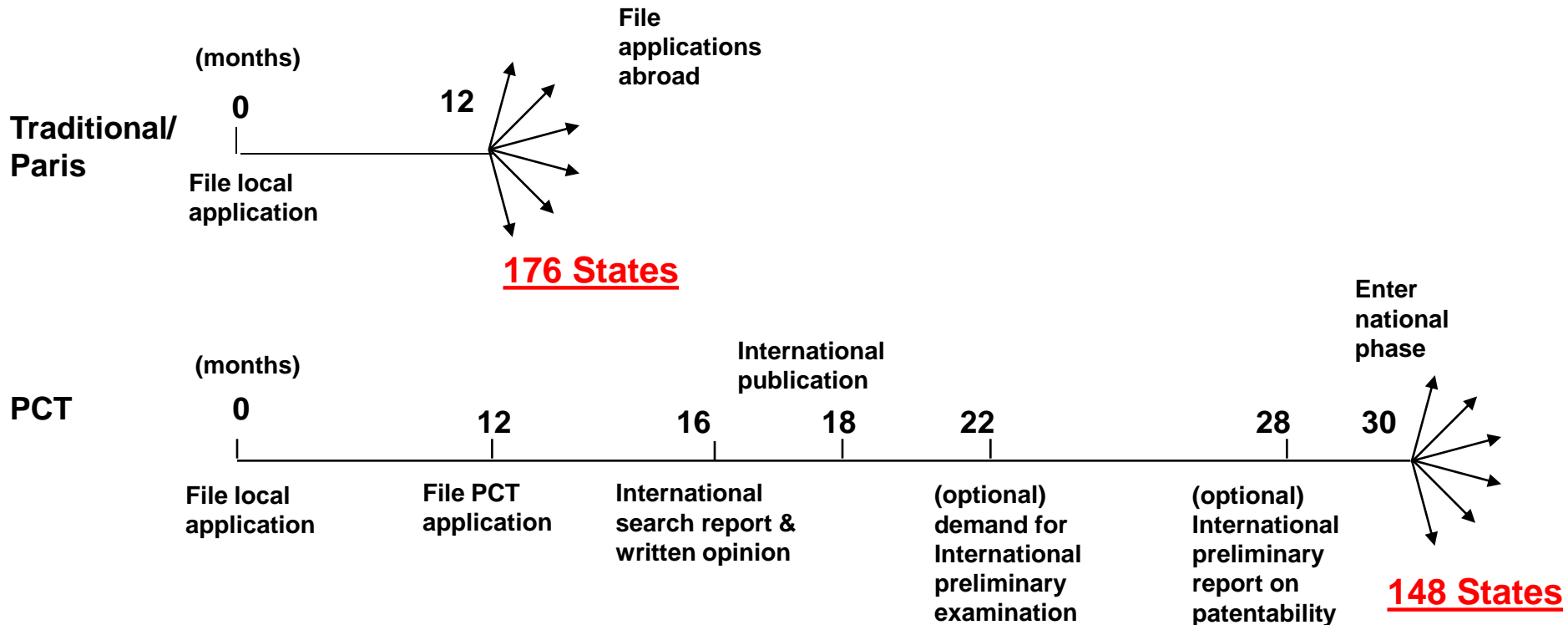
Roving Seminars: WIPO Services and Initiatives  
Atlanta  
April 15, 2016



■ Speaker: Matthew Bryan, Director, PCT Legal Division

**WIPO**  
WORLD  
INTELLECTUAL PROPERTY  
ORGANIZATION

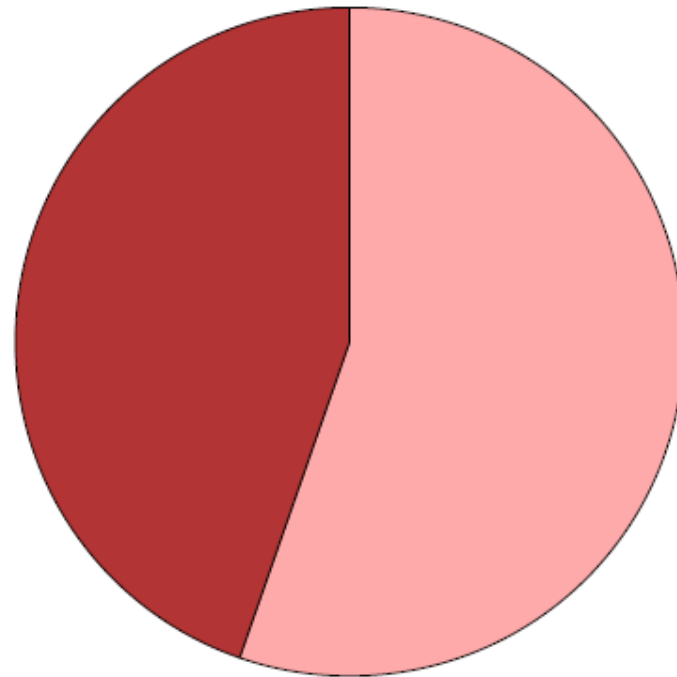
# Seeking patents multinationally: traditional patent system vs. PCT system



# The PCT “Market Share”

B6 Patent applications by filing route:  
Direct and PCT System, 2013

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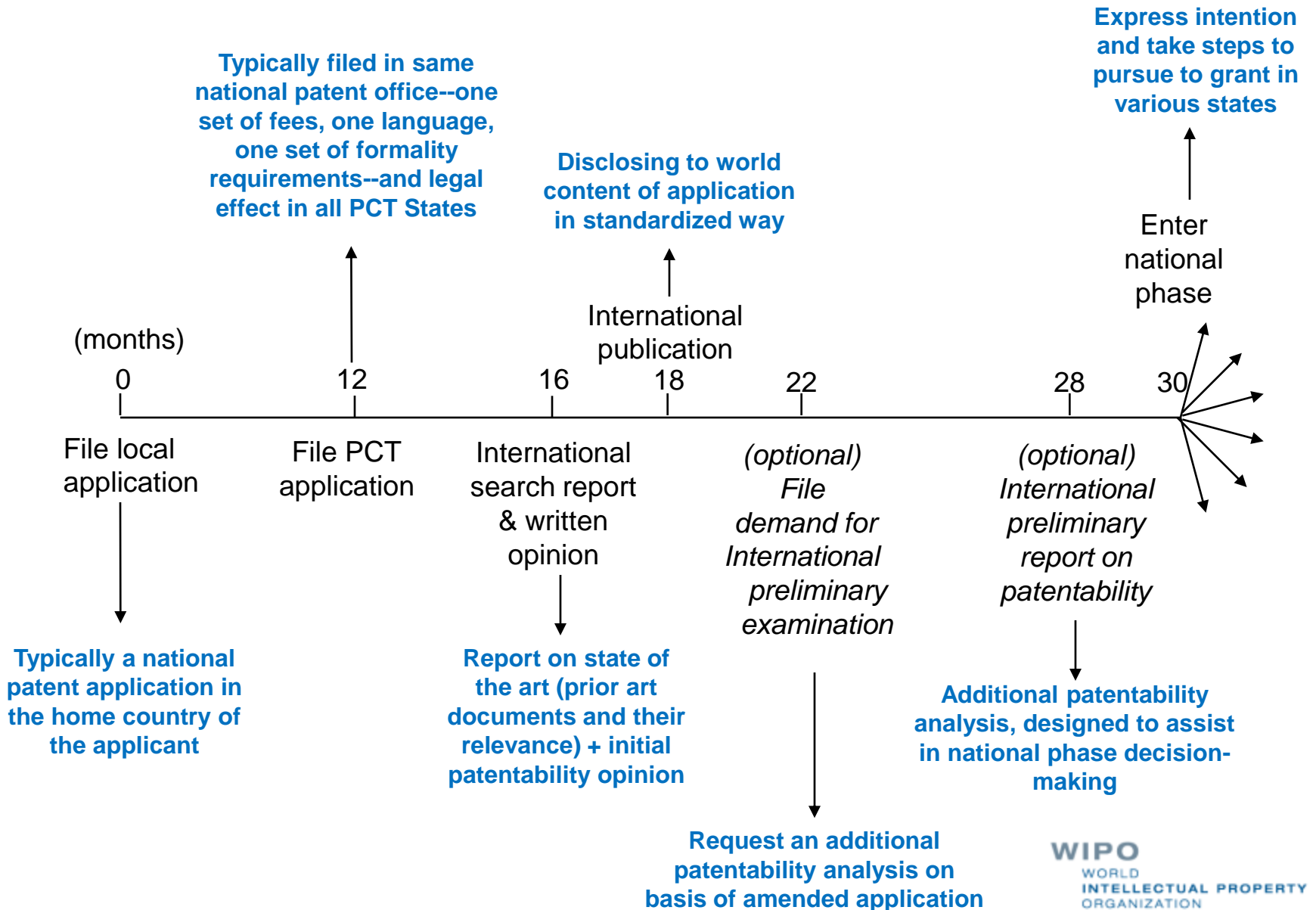


■ PCT national phase entries (non-residents): 55%  
■ Direct applications (non-residents): 45%

Source: WIPO statistics database, October 2014.



# The PCT System



# Advantages for PCT Users

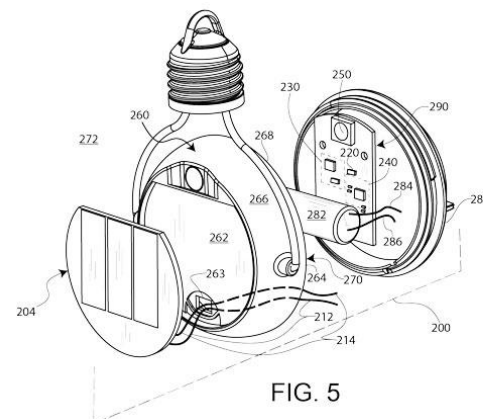
The PCT, as the cornerstone of the international patent system, provides a worldwide system for simplified filing and processing of patent applications, which—

1. postpones the major costs associated with internationalizing a patent application
2. provides a strong basis for patenting decisions
3. harmonizes formal requirements
4. protects applicant from certain inadvertent errors
5. evolves to meet user needs
6. is used by the world's major corporations, universities and research institutions when they seek multinational patent protection
7. can result (if PCT reports are positive) in accelerated national phase processing in a number of countries

# PCT Testimonial

**Nokero**—which stands for "No Kerosene"—produces solar-powered lights which replace kerosene lamps and candles used in developing and least - developed countries. It has so far distributed over 1.4 million lights in 120 countries and is the only solar company to win the United States Patent and Trademark Office's Patents for Humanity Award.

*“When it comes to patenting, because we operate in so many different markets, we use WIPO’s Patent Cooperation Treaty (PCT). Every start-up has limited funds and the PCT is a great mechanism for delaying patent filing costs, allowing time to test the market and overcome any unforeseen technical problems. Without the PCT, protecting an invention in international markets would be a high-risk strategy with huge upfront costs.”*



# PCT Testimonial

- Professor Shuji Nakamura—co-winner of the 2014 Nobel Prize for Physics for his work on blue LED technology—is quoted in a December 2014 *WIPO Magazine* article:



***“... The PCT is critical for these early stage technologies because it gives us the opportunity to protect our patents globally while allowing the market and the technology to mature further before determining which countries might be most valuable to commercial partners.”***

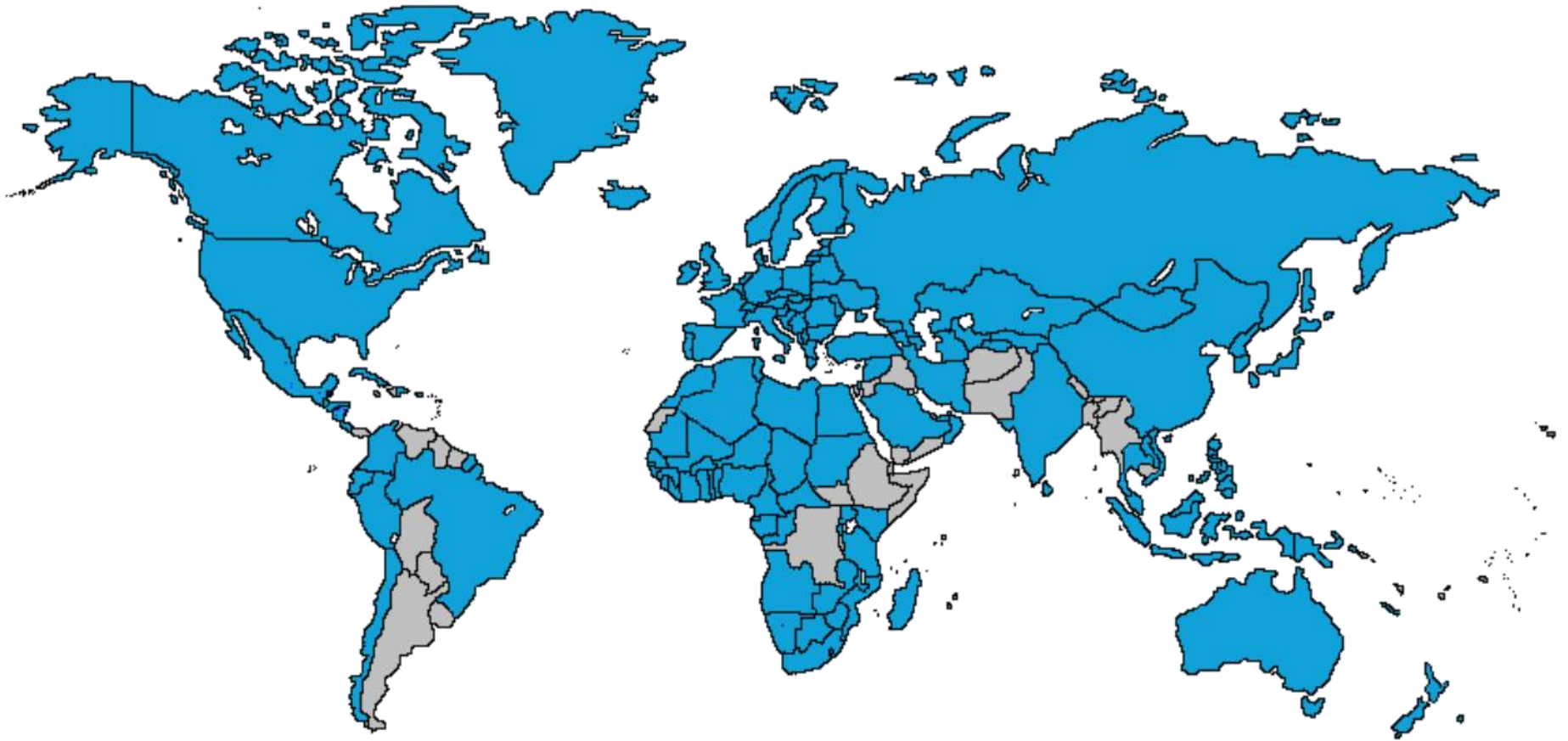
# PCT Testimonial

## Qualcomm:

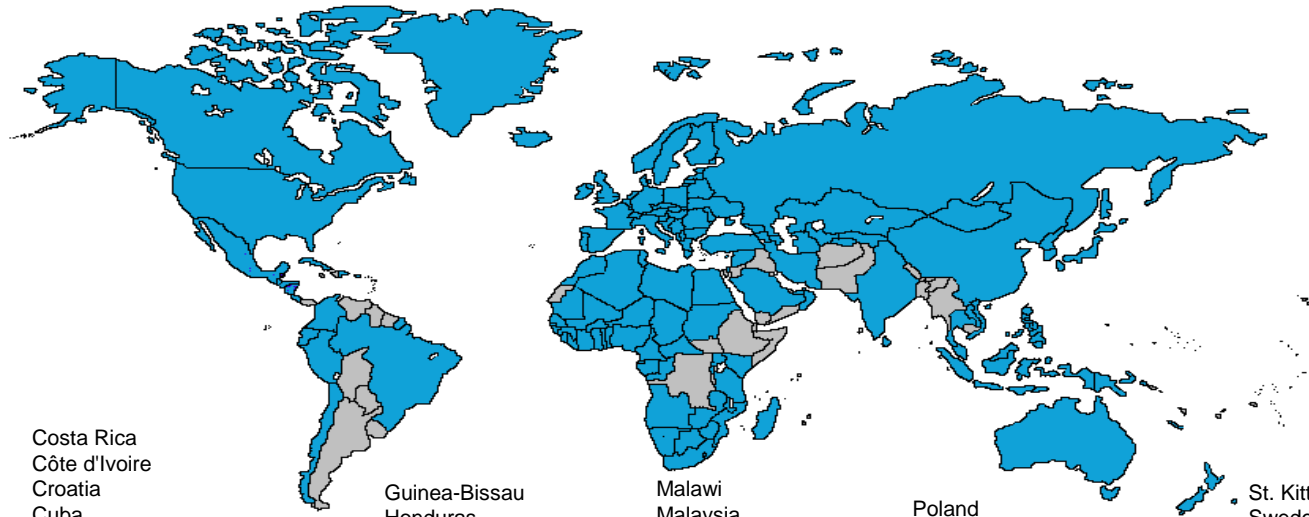
- Started in 1985 with 7 people
- Today more than 170 offices in more than 40 countries, and 33,000 employees
- \$25.3 billion in revenue in FY 2015
- #2 user of PCT in 2015: 2442 PCT applications published

[Qualcomm CEO Paul Jacobs video from 2011 PCT 2 Million Event](#)

# PCT Coverage Today



# 148 PCT States



Albania  
Algeria  
Angola  
Antigua and Barbuda  
Armenia  
Australia  
Austria  
Azerbaijan  
Bahrain  
Barbados  
Belarus  
Belgium  
Belize  
Benin  
Bosnia and Herzegovina  
Botswana  
Brazil  
Brunei Darussalam  
Bulgaria  
Burkina Faso  
Cameroon  
Canada  
Central African Republic  
Chad  
Chile  
China  
Colombia  
Comoros  
Congo

Costa Rica  
Côte d'Ivoire  
Croatia  
Cuba  
Cyprus  
Czech Republic  
Democratic People's  
Republic of Korea  
Denmark  
Dominica  
Dominican Republic  
Ecuador  
Ecuador  
Egypt  
El Salvador  
Equatorial Guinea  
Estonia  
Finland  
France  
Gabon  
Gambia  
Georgia  
Germany  
Ghana  
Greece  
Grenada  
Guatemala  
Guinea

Guinea-Bissau  
Honduras  
Hungary  
Iceland  
India  
Indonesia  
Iran (Islamic Republic of)  
Ireland  
Israel  
Italy  
Japan  
Kazakhstan  
Kenya  
Kyrgyzstan  
Lao People's Dem Rep.  
Latvia  
Lesotho  
Liberia  
Libyan Arab Jamahiriya  
Liechtenstein  
Lithuania  
Luxembourg  
Madagascar

Malawi  
Malaysia  
Mali  
Malta  
Mauritania  
Mexico  
Monaco  
Mongolia  
Montenegro  
Morocco  
Mozambique  
Namibia  
Netherlands  
New Zealand  
Nicaragua  
Niger  
Nigeria  
Norway  
Oman  
Panama  
Papua New Guinea  
Peru  
Philippines

Poland  
Portugal  
Qatar  
Republic of Korea  
Republic of Moldova  
Romania  
Rwanda  
Russian Federation  
Saint Lucia  
Saint Vincent and  
the Grenadines  
San Marino  
Sao Tomé e Príncipe  
Saudi Arabia  
Senegal  
Serbia  
Seychelles  
Sierra Leone  
Singapore  
Slovakia  
Slovenia  
South Africa  
Spain  
Sri Lanka  
Sudan  
Swaziland

St. Kitts and Nevis  
Sweden  
Switzerland  
Syrian Arab Republic  
Tajikistan  
Thailand  
The former Yugoslav  
Republic of Macedonia  
Togo  
Trinidad and Tobago  
Tunisia  
Turkey  
Turkmenistan  
Uganda  
Ukraine  
United Arab Emirates  
United Kingdom  
United Republic of Tanzania  
United States of America  
Uzbekistan  
Viet Nam  
Zambia  
Zimbabwe

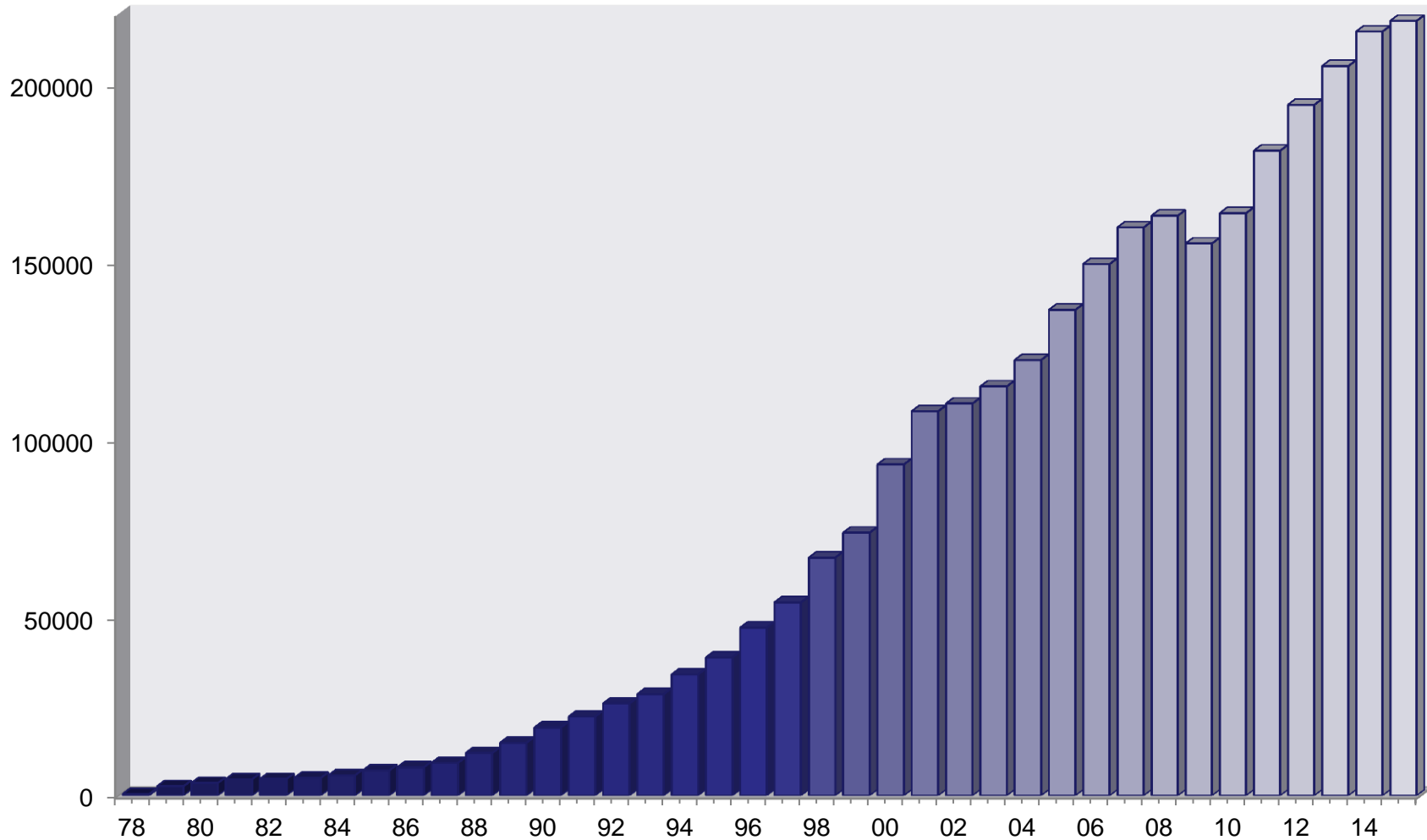


# UN Member States not yet in PCT

|                                 |                  |             |
|---------------------------------|------------------|-------------|
| Afghanistan                     | Iraq             | Somalia     |
| Andorra*                        | Jamaica          | South Sudan |
| Argentina                       | Jordan*          | Suriname    |
| Bahamas                         | Kiribati         | Timor-Leste |
| Bangladesh                      | Kuwait*          | Tonga       |
| Bhutan                          | Lebanon          | Tuvalu      |
| Bolivia                         | Maldives         | Uruguay     |
| Burundi                         | Marshall Islands | Vanuatu     |
| Cambodia                        | Mauritius        | Venezuela   |
| Cape Verde                      | Micronesia       | Yemen       |
| Democratic Republic of<br>Congo | Myanmar          | (45)        |
| Djibouti*                       | Nauru            |             |
| Eritrea                         | Nepal            |             |
| Ethiopia                        | Pakistan         |             |
| Fiji                            | Palau            |             |
| Guyana                          | Paraguay         |             |
| Haiti                           | Samoa            |             |
|                                 | Solomon Islands  |             |

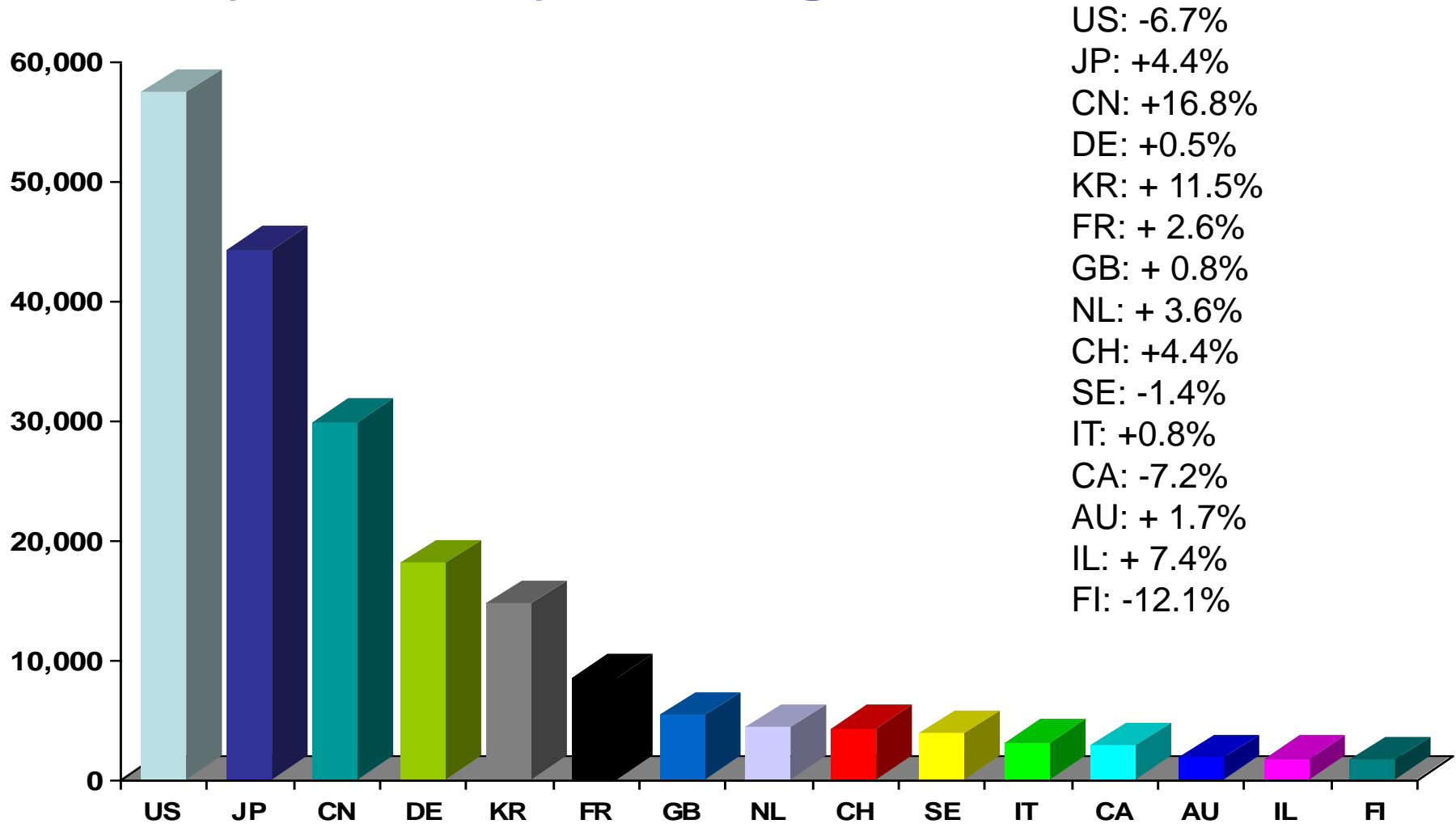
*\*preparing to accede*

# PCT Applications



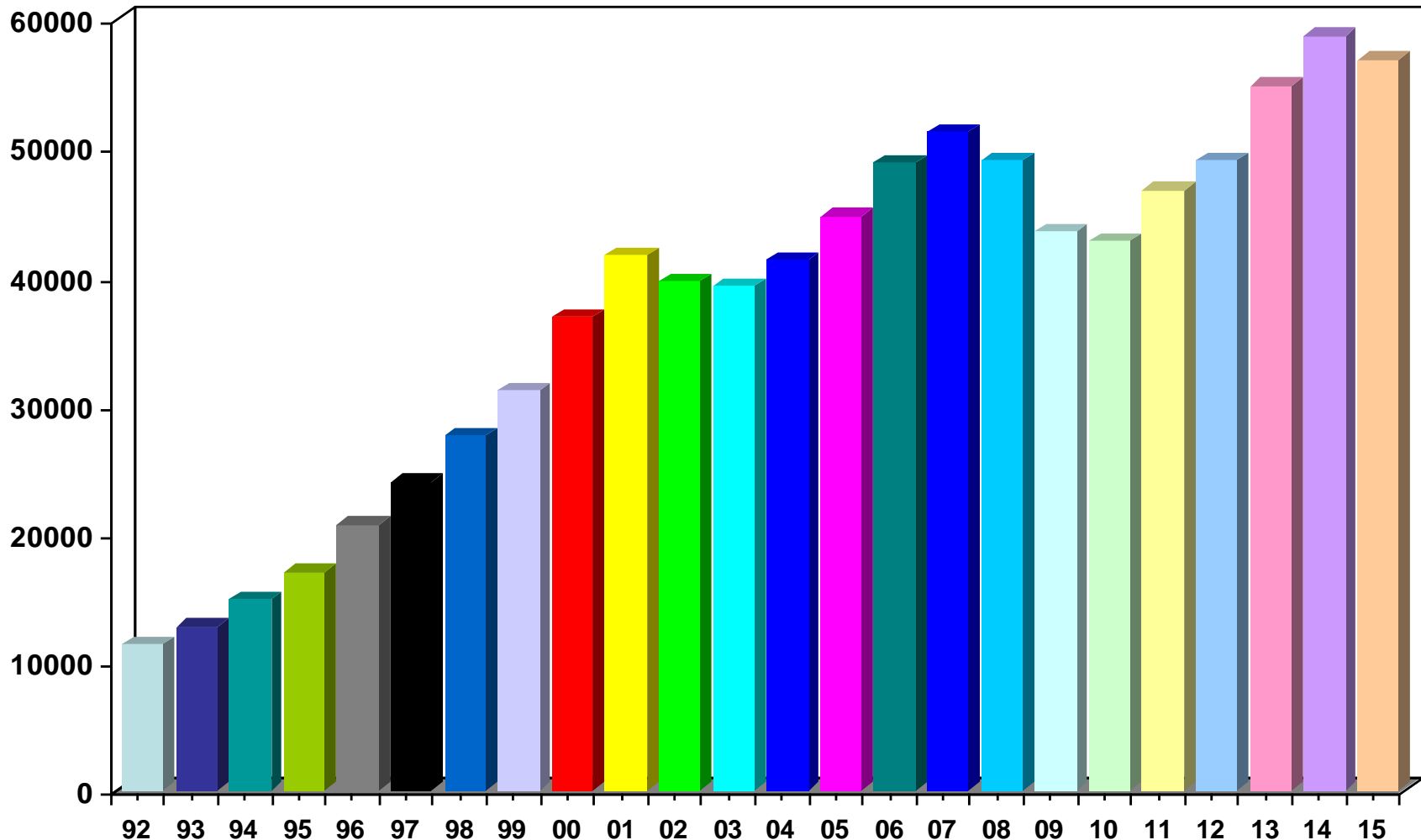
+1.7% in 2015

# International applications received in 2015 by country of origin



- 26+% originating in US
- 92+% of filings from these 15 countries

# PCT use in the US (receiving Office)



- Joined PCT effective June 1, 1978
- 57,385 PCT applications filed by US applicants in 2015 with RO/US

# Top PCT Applicants 2015

( ) of published  
PCT applications

1. Huawei Technologies—CN (3,898)\* +450
2. Qualcomm—US (2,442)
3. ZTE—CN (2,155)
4. Samsung—KR (1,683) +300, up from #11
5. Mitsubishi Electric—JP (1,593)
6. Ericsson—SE (1,481)
7. LG Electronics—KR (1,457) +320, up from #16
8. Sony—JP (1,381) +400, up from #21
9. Philips—NL (1,378)
10. Hewlett-Packard—US (1,310) +485, up from #25
11. Siemens—DE (1,292)
12. Intel—US (1,250)
13. Bosch—DE (1,247)
14. Boe Technology—CN (1,227)
15. Toyota—JP (1,214)
16. Panasonic—JP (1,185)
17. Hitachi—JP (1,165)
18. Halliburton—US (1,121)
19. Sharp—JP (1,073)
20. Tencent Technology—CN (981)

(\*more than 15 per  
WIPO working day)

# Other top US PCT users 2015

Microsoft

Google

3M

United Technologies

Procter & Gamble

General Electric

Dow Global Technologies

Apple Computer

Applied Materials

University of California

Baker Hughes

Corning Incorporated

Empire Technology Development

Dupont

IBM

MIT

Illinois Tool Works

Eaton

Cisco

# Top University PCT Applicants 2015

1. University of California (US)
2. MIT (US)
3. Johns Hopkins (US)
4. University of Texas (US)
5. Harvard University (US)
6. University of Michigan (US)
7. University of Florida (US)
8. Tsinghua University (CN)
9. University of Tokyo (JP)
10. Stanford University (US)
11. Seoul National University (KR)
12. Peking University (CN)
13. Columbia University (US)
14. Isis Innovation Limited (GB)
15. Cornell University (US)
16. University of Pennsylvania (US)
17. Kyoto University (JP)
18. Korea University (KR)
19. CalTech (US)
20. Danemarks Tekniske Universitet (DK)



# PCT International Searching Authorities

The ISAs are the following 21 offices:

Australia\*  
Austria  
Brazil  
Canada  
Chile  
China  
Egypt  
European Patent Office\*  
Finland  
India  
Israel\*  
Japan\*  
Nordic Patent Institute  
Republic of Korea\*  
Russian Federation\*  
Singapore \*(as of 1 April 2016)  
Spain  
Sweden  
Ukraine  
United States of America\*  
Visegrad Patent Institute (not yet operating)

\*Available to applicants  
filing with USPTO as RO  
(in some cases subject to  
certain conditions)

# PCT Assembly 2015

## ■ Outcomes

- Appointment of Visegrad Patent Institute as PCT ISA/IPEA (#21)
  - VPI=IP Offices of Poland, Hungary, Slovakia & Czech Republic
- Amendments to the PCT Regulations (entry into force: 1 July 2016)
  - legal basis and procedure for removing/withholding certain “sensitive information” from public access on applicant’s request (Rules 9, 48 & 94)
  - required transmittal by RO to IB of documents submitted in support of requests for restoration of priority right (Rules 26*bis* & 48)
  - “general unavailability of electronic communications services” as grounds for excuse of delay in meeting certain time limits (Rule 82*quater*)
  - language of communication with IB via ePCT opened to all publication languages (Rule 92)
- Amendments to the PCT Regulations (entry into force: 1 July 2017)
  - designated Offices required to provide IB with timely national phase entry and related data (Rules 86 & 95)
  - transmittal by RO of earlier search and/or classification results to ISA, where national law permits (Rules 12*bis*, 23*bis* & 41))

## ■ Documents:

- (PCT Assembly) [http://www.wipo.int/meetings/en/details.jsp?meeting\\_id=36343](http://www.wipo.int/meetings/en/details.jsp?meeting_id=36343)

# The PCT—1978 to 2016 (1)

- As filing tool: PCT has been extremely successful
  - preferred route for international patenting ( $\approx$ 218,000 applications in 2015, > 55% “market share”)
  - harmonization of formal and procedural requirements, beyond PCT
    - national laws; Patent Law Treaty (PLT)

# The PCT—1978 to 2016 (2)

- As worksharing tool: (which it was intended by its founders to be), PCT has not been as effective in practice
  - had it been successful up to now in this sense, it would have been of more assistance in addressing national quality of examination and (for some Offices) backlogs in processing
  - expectation by founders was: “flying start” for offices, which would complete, further check, and criticize ...
  - reality: many Offices start “from scratch”, perhaps not in complete isolation, but to a great degree ...
- What is needed: build more trust between patent offices, so that duplicative international phase and national phase processing can be reduced

# Continued areas of PCT focus (1)

## ■ Quality:

- Improve the quality and consistency of PCT international phase reports
- Develop quality metrics for measuring usefulness of international phase reports
- Develop quality feedback system for offices (e.g., DO to ISA)
- Explore collaborative search and examination
- Improve timeliness of PCT work

## ■ Help designated Offices to better understand reports

- Search strategies, standardized clauses, explanations of relevance of cited documents, etc.

## ■ Improve timeliness of actions in international phase

- ISAs/IPEAs, ROs (eSearchCopy)

## ■ Improve access to national search and examination reports

- PATENTSCOPE, WIPO-CASE, Global Dossier

## ■ Make progress against misleading invitations sent to PCT users

REGISTRATION OF INTERNATIONAL PATENTS  
INTELLECTUAL PROPERTY OFFICE

Administration for Commerce & Industry



INVOICE



Amount : EUR 1477,00  
Date : 2015-12-11  
Reference Number : 0291977 / 2015

|   |  |
|---|--|
| <b>Publication No :</b><br><b>Publication Date :</b><br><b>Application No :</b><br><b>Filing Date :</b> | <b>Classification International :</b><br><br><b>Title:</b> |
|---|--|

Please transfer the amount to the bank account mentioned below within 8 days

|                                |                    |
|--------------------------------|--------------------|
| <b>Charges of registration</b> | <b>EUR 1477,00</b> |
| <b>Extra charges</b>           | <b>EUR 0,00</b>    |
| <b>Total amount</b>            | <b>EUR 1477,00</b> |

Attention: It is important that you always quote the Reference number 0291977 / 2015

Payment by Wire Transfer:  
Beneficiary: WIPD International Intellectual Property Office  
IBAN:ES34 2100 6807 8501 0011 1948  
BIC: CAIXESBBXXX

Above mentioned the publication number, publication date, International application number, International Filing Date, priority date, Title and reference number. You confirm this offer by remitting the following amount and in doing so, you confirm that the wording of the entry entered by ourselves and rendered here is correct. This is not a bill this is a solicitation. You are under no obligation to pay the amount stated underneath unless you accept this offer. Any requests for amendments and additions are to be made in writing.



REG: INTERNATIONAL PATENT APPLICATION  
PUBLICATION NUMBER:



# INVOICE

DATE:

**INVOICE/ACCOUNT NUMBER:**  
597047

**APPLICATION REGISTRATION/PUBLICATION FEE:**  
1.998,80 €

**PAYMENT TERMS:**  
APPLICATION REGISTRATION/PUBLICATION FEE  
NEEDS TO BE PAID **WITHIN 8 DAYS** OF RECEIPT  
OF PAYMENT NOTIFICATION

**PAYMENT DETAILS:**  
BENEFICIARY: WIPO-WORLD INTELLIGENT  
PROPERTY OFFICE  
BANK: RAIFFEISENBANK  
ACCOUNT: 1610000121500271  
IBAN: BA391610000121500271  
SWIFT/BIC: RZBABA2S

**IMPORTANT:** UPON PAYMENT RECEIPT IN THE AMOUNT OF EUR 1.998,80  
BY THIS OFFICE, APPLICATION PROCESSING WILL COMMENCE  
**APPLICATION REGISTRATION/PUBLICATION OF YOUR INTERN. PATENT APPLICATION;**  
Below find summarization of published Intern. Patent Application in the WIPO Patentscope Gazette

|                                |                     |                            |
|--------------------------------|---------------------|----------------------------|
| Title:                         |                     |                            |
| Priority Data:                 |                     |                            |
| International Application No.: |                     |                            |
| Publication Date:              | Publication Number: | International Filing Date: |

**IMPORTANT:** APPLICATION REGISTRATION/PUBLICATION FEE IN THE AMOUNT OF **EUR 1.998,80** NEEDS TO BE  
PAID **WITHIN 8 DAYS** OF RECEIPT OF PAYMENT NOTIFICATION FOR APPLICATION PROCESSING

| INVOICE/ACCOUNT NUMBER : 597047 |   |            |                 |
|---------------------------------|---|------------|-----------------|
| ITEM                            | DESCRIPTION   | CURRENCY   | AMOUNT          |
| 001                             | APPLICATION REGISTRATION/PUBLICATION FEE INTL. PATENT APPLICATION<br>INTL. APPLICATION NUMBER:<br>PUBLICATION DATE:   | EUR        | 1.998,80        |
| 002                             | PROCESSING FEE  | EUR        | 0,00            |
|                                 | <b>USE BELOW DETAILS FOR PAYMENT:</b><br>BENEFICIARY: WIPO-WORLD INTELLIGENT<br>PROPERTY OFFICE<br>BANK: RAIFFEISENBANK<br>ACCOUNT: 1610000121500271<br>IBAN: BA391610000121500271<br>SWIFT/BIC: RZBABA2S |            |                 |
|                                 | SUBTOTAL  | EUR        | 1.998,80        |
|                                 | TRANSFER FEE  | EUR        | 0,00            |
|                                 | ADDITIONAL PUBLICATION FEE  | EUR        | 0,00            |
|                                 | <b>INVOICE TOTAL</b>  | <b>EUR</b> | <b>1.998,80</b> |

WE REMIND YOU THAT THE **INVOICE/ACCOUNT NUMBER** MUST BE CLEARLY IDENTIFIED IN THE  
BANK TRANSFER ORDER

THE APPLICATION REGISTRATION AND PUBLICATION FEE IN THE AMOUNT OF **EUR 1.998,80** HAS TO BE  
CREDITED **WITHIN 8 DAYS** OF THIS NOTIFICATION TO: WIPO-WORLD INTELLIGENT PROPERTY OFFICE



## WARNING: Requests for Payment of Fees

**It has come to the attention of the International Bureau that PCT applicants and agents are receiving invitations to pay fees that do not come from the International Bureau of WIPO and are unrelated to the processing of international applications under the PCT. Whatever registration services might be offered in such invitations, they bear no connection to WIPO or to any of its official publications.**

PCT applicants and agents should note that it is the International Bureau of WIPO alone which publishes all PCT applications promptly after the expiration of 18 months from the priority date (see PCT Article 21(2)(a)); there is no separate fee for such international publication, and the legal effects of international publication are set out in PCT Article 29.

The invitations often identify a particular PCT application by its international publication number (eg: WO 02 xxxxxx), publication date, title of the invention, international application number, priority information and IPC symbols; examples of such invitations can be viewed below.

### IIP – International Intellectual Property Office

Published on February 22, 2016

### IPTI – International Patents & Trademark Index

### Invitation not listed here? E-mail us a copy

- [Trademarks \(Madrid System\)](#)
- [Patents \(PCT System\)](#)

### Mitigating this unscrupulous practice

- WIPO invites its customers to use and adapt this standard text to notify applicants and inventors about such fee requests. [\[WORD\]](#)
- Circular letter addressed by WIPO Director General, Francis Gurry to all PCT Contracting States and Regional Organizations. [PDF](#)

### How to make a complaint?

# Continued areas of PCT focus (2)

- Helping developing countries benefit from the PCT
  - top 15 countries responsible for 92% of IAs filed in 2015
  - improve training for patent examiners (especially in developing and least developed countries), and better coordinate training already provided
- Making PCT accessible to applicants of all types from all Contracting States
  - fee reductions (SMEs, universities, research institutes, individual applicants)

# Continued areas of PCT focus (3)

- ePCT: electronic interface to entire PCT international phase process

- real time access to IB files and bibliographic data
- flexible applicant-controlled access rights system
- where possible, replace applicant letters with directly usable input in system
- notifications of significant events and approaching deadlines
- Online electronic preparation and filing with real-time validations (currently with 36 receiving offices, including IB, Algeria, Austria, Australia, Azerbaijan, Brazil, Brunei, Canada, Chile, Colombia, Cuba, Czech Republic, Denmark, EAPO, Estonia, EPO, Finland, Hungary, India, Iceland, Indonesia, Latvia, Malaysia, Mexico, New Zealand, Norway, Philippines, Poland, Portugal, Qatar, Russian Federation, Saudi Arabia, Sweden, Singapore, Turkey and South Africa)
- Multilingual (10 language) interface available
- Hoping to have RO/US authorization soon for use of reduced functionality “EFS-Web” mode of ePCT-Filing
- Bulk ePCT upload by IB possible for users
- Working on centralized fee payment mechanisms

# A few PCT best practices

- View and review filed application online asap after filing
- Request RO to prepare and transmit pdoc
- Submit any restoration of priority requests to RO/IB
- File *92bis* requests only with IB directly (never with RO)
- Submit any notice of withdrawal only to the IB directly (never to RO—unless before record copy has been transmitted)
- Review published application immediately after publication
- Always respect national phase entry time limit
- When you have a question or doubt, call or email PCT Infoline

# Other related developments

## ■ WIPO PEARL

- terminology portal, providing access to multilingual technical terms derived from patent documents
- helps promote accurate and consistent use of terms across different languages

## ■ PATENTSCOPE

- planning to release new functionality (July 2016) for searching chemical compounds (“Chemsearch”)
- Will recognize chemical compounds in patent text and drawings, and users can search by name, structure, INN or draw the structure

# PCT User Wishlist

- 1) Representation at PCT WG (through user associations)
- 2) Disseminate information about misleading invitations, including making complaints and taking actions
- 3) Encourage remaining countries to join PCT, for the benefit of all PCT users
- 4) Encourage receiving and designated Offices to do what is necessary to be able to withdraw incompatibilities with PCT Regulation provisions (such as those relating to incorporation by reference, restoration of priority and reinstatement after failing to failure to timely enter national phase)
- 5) Engage, when appropriate, in Collaborative Search and Examination 3<sup>rd</sup> pilot
- 6) Provide feedback on how PCT is working, suggestions for its improvement and ideas about how we can work together

# PCT training options

- 29 video segments on WIPO's Youtube channel and WIPO's PCT page about individual PCT topics
- PCT Distance learning course content available in the 10 PCT publication languages, and a 2<sup>nd</sup> detailed PCT DL course under preparation
- PCT Webinars
  - free updates on developments in PCT procedures, and PCT strategies—previous webinars are archived and freely available
  - upon request also for companies or law firms, for example, for focused training on how to use ePCT
- Videoconference and audio possibilities also available
- In-person PCT Seminars and training sessions: see PCT seminar calendar (<http://www.wipo.int/pct/en/seminar/seminar.pdf>)



# PCT Resources/Information

**For further information about the PCT, see**

<http://www.wipo.int/pct/en/>

**For general questions about the PCT, contact the PCT Information Service at:**

Telephone: (+41-22) 338 83 38

Facsimile: (+41-22) 338 83 39

E-mail: [pct.infoline@wipo.int](mailto:pct.infoline@wipo.int)

[matthew.bryan@wipo.int](mailto:matthew.bryan@wipo.int)



# The Hague System for the International Registration of Industrial Designs



Betty Berendson  
Senior Information Officer  
Information and Promotion Section  
The Hague Registry

**Atlanta,  
April 15, 2016**

# What is the Hague System?

## One to many relationships

- File a single international application for a single international registration (IR) in which one or more Contracting Parties (CP) are designated

## “Bundle of Rights”

- If no refusal, the resulting international registration has the effect of a grant of protection in each designated Contracting Party. Substantive issues are governed by the law of each designated Contracting Party.

# Hague System is a Procedural Arrangement

Issues such as:



the conditions for protection



the refusal procedure to be applied when deciding whether a design may be protected



the rights which result from protection

are governed by the law of each Contracting Party designated in an international registration

# The International Application

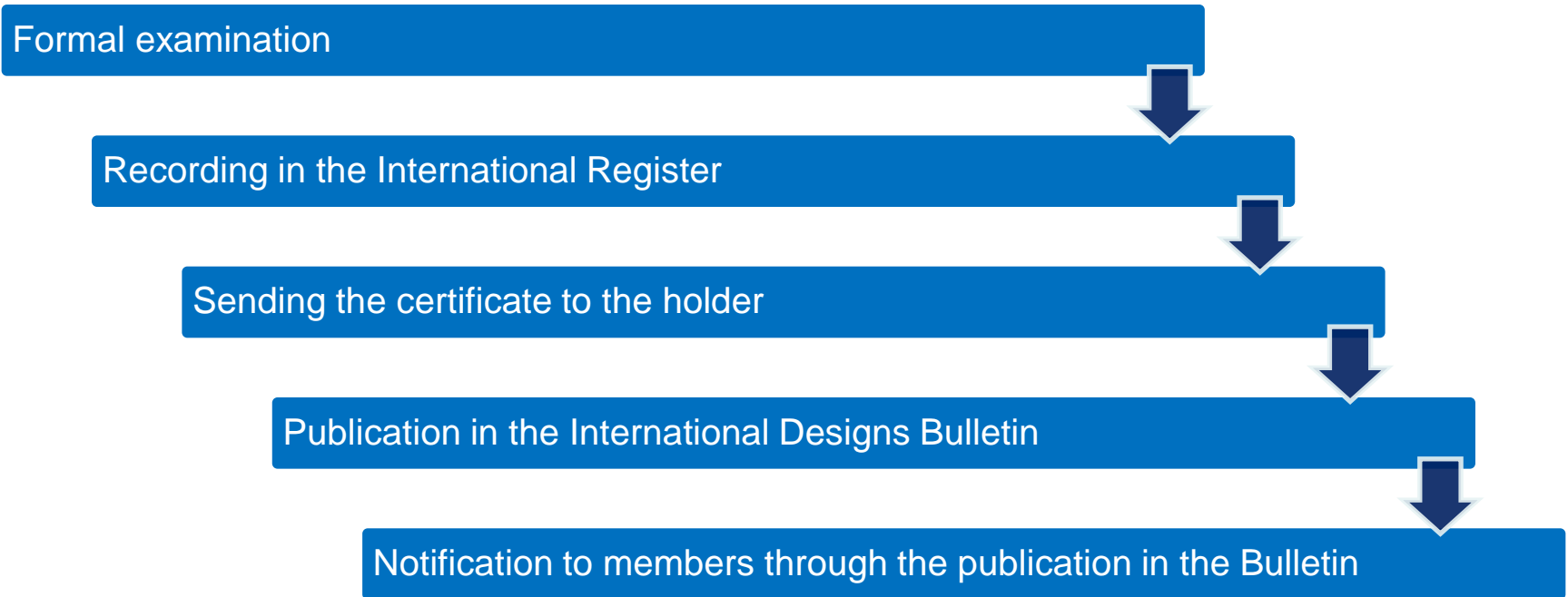
In English, French or Spanish

May be filed directly with the International Bureau through the E-filing interface but also on paper

May comprise several different designs up to a maximum of 100 if they belong to the same class of the International Classification (Locarno)

One set of fees (in CHF) is to be paid

# The Hague System Procedure: Role of the International Bureau



**If the International Bureau finds that the international application does not fulfill the applicable requirements, it invites the applicant to make the required corrections within three months from the date of invitation sent by the International Bureau**

# The Hague System Procedure: Role of the Designated Contracting Parties

## Refusal by a designated Contracting Party

on same substantive grounds as for national/regional filings

must be communicated within time limit

effect limited to territory of the member that has refused

## International registration (where not refused)

no refusal = same rights as a local design registration

a bundle of independent national/regional rights

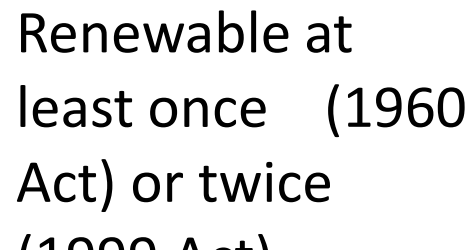
advantages of central management



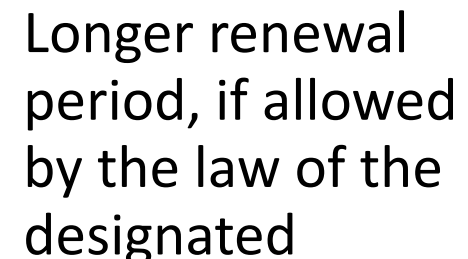
# The Hague System: Duration of Protection



Duration of protection: five years

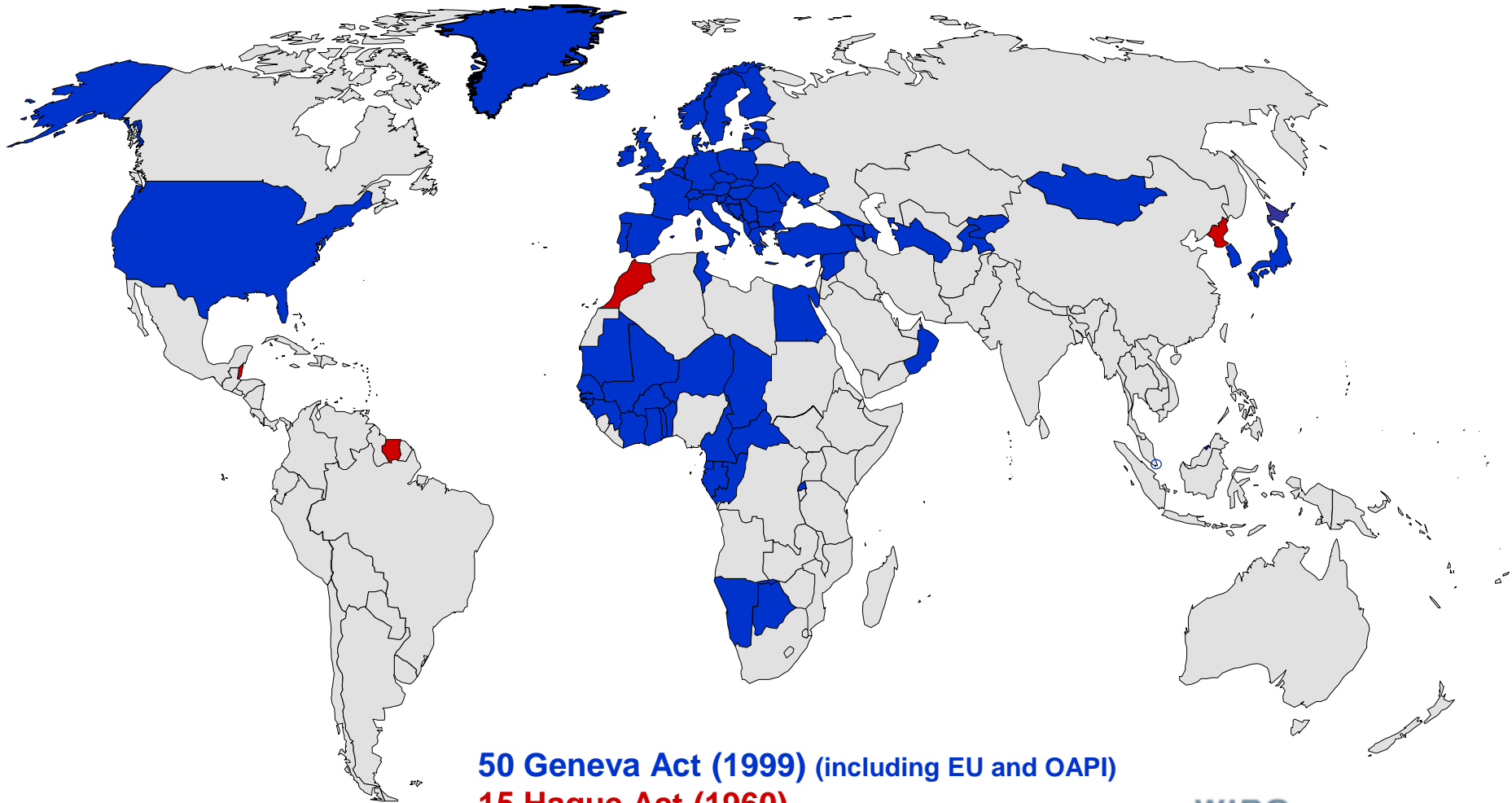


Renewable at least once (1960 Act) or twice (1999 Act)



Longer renewal period, if allowed by the law of the designated Contracting Party

# Hague Union



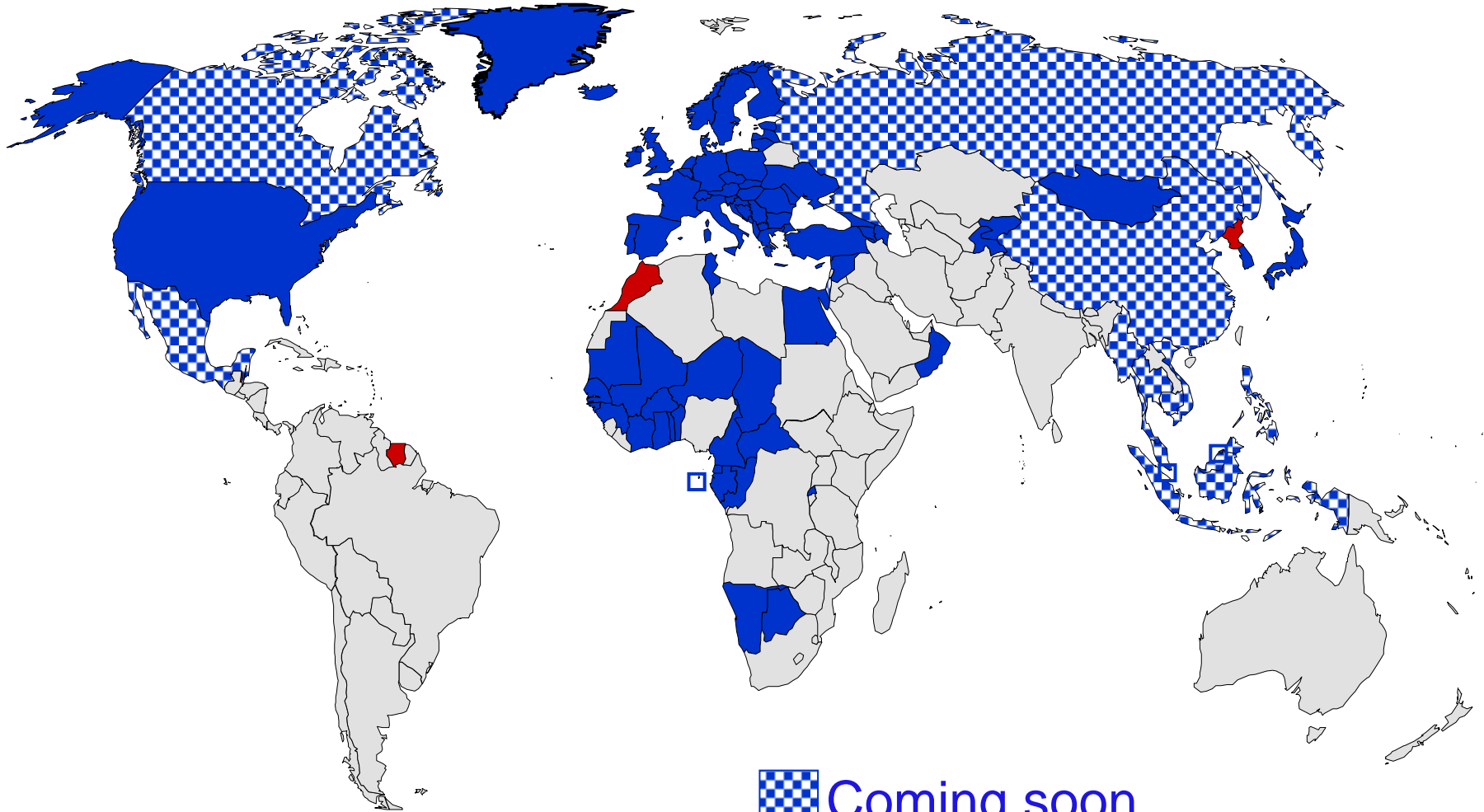
**50 Geneva Act (1999) (including EU and OAPI)**

**15 Hague Act (1960)**

---

**65 Contracting Parties**

# Hague System: Foreseen Expansion



# The Hague System website

Hague – The International ... x +

www.wipo.int/hague/en/ Search

IP Services Policy Cooperation Reference About IP Inside WIPO Search WIPO

Home IP Services Hague System


## WIPO | HAGUE

### Hague – The International Design System

The Hague System for the International Registration of Industrial Designs provides a practical business solution for registering up to 100 designs in over 64 territories through filing one single international application.

Learn more:

- What is an industrial design?
- Main features and advantages PDF
- **Geographical coverage** and legal framework



Read the case study. (Photo: Jeff Harris/Artnix; RoundTAIL)

#### News

The United States of America and Japan can now be Designated in International Design Applications May 13, 2015 | 2015 Hague Yearly Review available Apr 27, 2015 | 2014 Hague statistics released Mar 19, 2015

All news

#### Key resources

International Designs Bulletin **Fee Calculator** Forms | **E-Filing Portfolio Manager** E-Renewal

All resources ↓

#### Databases

International Designs Bulletin  
Global Design Database  
Hague Express Database

#### Fees and payment

Fee calculator  
Fees and payment options  
Schedule of fees

#### Online services

E-Filing Portfolio Manager  
E-Renewal  
E-Payment

#### Legal and procedural information

Legal texts  
**Hague Guide for Users**  
Hague System E-Filing Tutorial  
Information notices  
National and regional procedures

# Hague System Fee Calculator

Enter the details below to quickly estimate the application or renewal fees in Swiss francs (CHF)

|   |                           |   |
|---|---------------------------|---|
| Type:   | International Application | ▼ |
| Date:   | 28.01.2016                | ▼ |
| Applicant's State of origin (Hague "1960" Act):   | Not Selected              | ▼ |
| Applicant's Contracting Party (Geneva "1999" Act):  | Not Selected              | ▼ |
| Add the number of industrial designs:   | 1                         | ▼ |
| Add the number of reproduction(s) of the industrial design(s):  | 1                         | ▼ |
| If using the paper application form, add the number of pages of reproductions: (free if you use the e-filing interface) | 0                         | ▼ |
| Add the number of words of description:   | 0                         | ▼ |
| Locarno Classification: (For KR designations only)  | 1                         | ▼ |
| Economic Status : (For US designations only)  | Undiscounted (default)    | ▼ |

Continue

**Related Links**

- [Schedule of Fees](#)
- [Individual fees](#)
- [FAQs](#)
- [E-filing/Forms](#)

Benelux (BX) designation includes Belgium, Luxembourg and the Netherlands  
European Union (EM) designation includes its 28 Member states  
African Intellectual Property Organization (OAPI) designation includes its 17 Member states

# Two Filing Options for US Applicants

| Indirect :<br>WIPO Paper Form <i>via</i> EFS Web   | Direct :<br>WIPO E-filing Interface   |
|--|---|
| <ul style="list-style-type: none"><li>- Familiar environment</li><li>- USPTO's Quick Guide</li><li>- Integrated Export License Process</li><li>- Transmittal Fee</li></ul> | <ul style="list-style-type: none"><li>- Dedicated electronic tool</li><li>- Easier than using paper form</li><li>- Embedded alerts and guidance</li><li>- Integrated fee calculator</li><li>- No additional fees</li><li>- No intermediary</li><li>- Workbench/Re-use functions</li><li>- Access to Portfolio Manager</li></ul> |

# New Features of the E-Filing Portfolio Manager



Send corrections to irregularities or defects



Receive and download notifications from the IB relating to international applications



Retrieve in real-time current status of IA

# Filing an international application

The screenshot shows the WIPO Sign in page. The browser address bar displays 'https://www3.wipo.int/login/en/hague/index.jsp'. The page header includes the WIPO logo and 'WORLD INTELLECTUAL PROPERTY ORGANIZATION'. A navigation bar contains 'Home' and 'IP Services'. The main content area is titled 'Sign in' and features two input fields: 'Username' and 'Password'. Below the 'Username' field is a link for 'Forgot your username?'. Below the 'Password' field is a link for 'Forgot your password?'. A dark blue 'Sign in' button is located below the password field. To the right of the sign-in form, there is a section titled 'Don't have a WIPO Account?' with a dark blue 'Create account' button. Below this is another section titled 'Why create a WIPO Account?' which lists services: PCT, Madrid system, Hague system, and WIPO Green. A note states: 'Registration for the WIPO account is open to all users and free of charge.' At the bottom left, there is a section 'Having difficulties?' with a link to 'Read our WIPO Account help guide.' The WIPO logo is also present in the bottom right corner.

**Sign in**

Username   
Forgot your username?

Password   
Forgot your password?

[Sign in](#)

**Don't have a WIPO Account?**

[Create account](#)

**Why create a WIPO Account?**

Using just one username and password, you can access your profiles for any of the following services:

- PCT
- Madrid system
- Hague system
- WIPO Green

Registration for the WIPO account is open to all users and free of charge.

**Having difficulties?**

[Read our WIPO Account help guide.](#)



# Filing an international application

Hague – The International ... x https://www3...licant.xhtml x +

WORLD INTELLECTUAL PROPE... (CH) https://www3.wipo.int/HagueE filingWeb/applicant.xhtml

**WIPO** **HAGUE**  
The International Design System

WIPO reference  
44924

Information regarding data entry  
The international application must indicate at least one applicant

**Information concerning the applicant**

**Name and address**

Name\*  Telephone

Address\*  Fax

Zip/Post code  E-mail address

Town\*  Address of website

Country\*

(\*) Compulsory

**Entitlements \*\***

Nationality

Domicile

Real and effective industrial or commercial establishment

Habitual residence

(\*\*) Indicate at least one entitlement

**Applicant's Contracting Party (ACP)**

Applicant's Contracting Party

Save Cancel

**Applicant(s) registered**

(1 of 1) << >>

| Name | Address | Nat. | Dom. | Estab. | Res. | ACP | Act(s) | Actions |
|------|---------|------|------|--------|------|-----|--------|---------|
|      |         |      |      |        |      |     |        |         |

# Reproductions



DM/087 877



DM/087 677



DM/087 809



DM/087 876

# Filing an international application

The screenshot displays the WIPO Hague Design System interface. At the top, the browser address bar shows the URL <https://www3.wipo.int/HagueE filingWeb/design.xhtml>. The page header includes the WIPO logo and the text "HAGUE The International Design System".

On the left side, there is a vertical navigation menu with buttons for various sections: WIPO reference (44924), Applicant(s), Representative, Correspondence, Designation(s), Design(s), Related Design(s), Description, Creator(s), Claim (US), Priority(ies), Exhibition(s), More Optional Contents, Publication, Signature, Payment/Validat., Summary, and Return to Portfolio Manager.

The main content area is titled "Information regarding data entry" and contains the following text: "The following Contracting Parties have been designated: JP, KR. If you wish some or all of the designs to be recorded as a 'Related Design' under the law of these Contracting Parties, provide the required information concerning the principal design."

Below this text is a form titled "Relation with a principal design, application or registration". The form includes the following fields:

- Contracting Party concerned\*: JP (dropdown menu)
- Related design(s)\*: Please select one or more designs (dropdown menu)
- Reference Type\*: Select a reference (dropdown menu)
- Reference\*: (text input field)
- Principal design: (text input field)

At the bottom of the form are "Save" and "Cancel" buttons. Below the form is a table with the following data:

| CP | Related design(s) | Reference Type                        | Reference | Principal design | Actions |
|----|-------------------|---------------------------------------|-----------|------------------|---------|
| JP | 2                 | The present international application | WIPO44924 | 1                |         |



WIPO reference  
4062

Information regarding data entry

- Applicant(s)
- Representative
- Correspondence
- Designation(s)
- Design(s)
- Related Design(s)

- Description
- Creator(s)
- Claim (US)

- Priority(ies)
- Exhibition(s)
- More Optional Contents

- Publication
- Signature
- Payment/Validat.

Summary

### Priority claim (optional)

**The applicant(s) claim(s) the priority of the earlier filing mentioned below**

Office of earlier filing \* PE - Peru

No. of earlier filing

Date of earlier filing \* Mar 1, 2016

Design No. \* Please select one or more designs

Priority document for KR: + Upload PDF

(\*) Compulsory field

Save Cancel

### Priority claim(s) registered

(1 of 1)

| Office of earlier filing | No. of earlier filing | Date of earlier filing | Industrial design number(s) | PDF | Actions |
|--------------------------|-----------------------|------------------------|-----------------------------|-----|---------|
| No records found         |                       |                        |                             |     |         |

(1 of 1)

# Filing an international application

Hague – The International ... x https://www3...Claims.xhtml x +

WORLD INTELLECTUAL PROPE... (CH) | https://www3.wipo.int/HagueE filingWeb/usClaims.xhtml

WIPO **HAGUE**  
The International Design System

WIPO reference  
44924

- ✓ Applicant(s)
- Representative
- Correspondence
- ✓ Designation(s)
- ✓ Design(s)
- ✓ Related Design(s)

Description

- ✓ Creator(s)
- ✓ Claim (US)

Priority(ies)

Exhibition(s)

More Optional Contents

- ⚠ Publication
- ✗ Signature
- ✗ Payment/Validat.

Summary

Return to Portfolio Manager

Information regarding data entry  
If you wish to make a declaration concerning exception to lack of novelty, click "save" to record your declaration. You may also submit supporting documentation in PDF.

Declaration concerning exception to lack of novelty

The applicant claims to benefit from exceptional treatments provided for in the applicable laws of the respective designated Contracting Parties concerned, for disclosure of the following industrial designs

Contracting Party concerned\* KR

Design(s) Please select one or more designs

Supporting document (PDF)

Upload PDF

| File name         | Actions |
|-------------------|---------|
| DISC_481_0403.pdf |         |

Save Cancel

| For design(s)    | CP | Disclosure Document | Actions |
|------------------|----|---------------------|---------|
| No records found |    |                     |         |

Eligibility for protection

For the purpose of the designation of the United States of America, you may attach to your international application an Information disclosure statement and reference documents.

Selection


| File name            | Actions |
|----------------------|---------|
| USPRIOR_216_0403.pdf |         |

Economic status

# Filing an international application

Hague – The International ... x https://www3...Claims.xhtml x +

WORLD INTELLECTUAL PROPE... (CH) | https://www3.wipo.int/HagueE filingWeb/usClaims.xhtml

WIPO  **HAGUE**  
The International Design System

WIPO reference  
44924

- ✓ Applicant(s)
  - Representative
  - Correspondence
- ✓ Designation(s)
- ✓ Design(s)
- ✓ Related Design(s)
- Description
- ✓ Creator(s)
- ✓ Claim (US)
- Priority(ies)
- Exhibition(s)
- ✓ More Optional Contents
- ⚠ Publication
- ✗ Signature
- ✗ Payment/Validat.
- Summary
- Return to Portfolio Manager

Information regarding data entry

If you wish to make a declaration concerning exception to lack of novelty, click "save" to record your declaration. You may also submit supporting documentation in PDF.

- ▶ Declaration concerning exception to lack of novelty
- ▶ Eligibility for protection
- ▼ Economic status

Undiscounted (default).

The applicant asserts **small entity** status within the meaning of Section 41(h) of Title 35 of the United States Code and Section 3 of the Small Business Act, and applicable regulations of the U.S. Patent and Trademark Office.

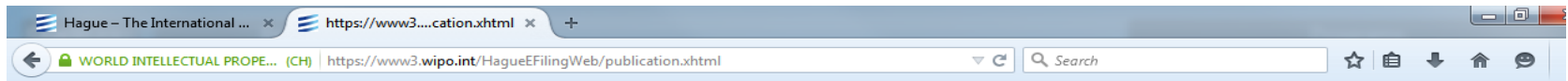
The applicant certifies **micro entity** status within the meaning of Section 123 of Title 35 of the United States Code and applicable regulations of the U.S. Patent and Trademark Office. The applicant must submit the micro entity certification form PTO/SB/15A or PTO/SB/15B.

Determination of entitlement to small entity status.

Save

| Economic status | File name |
|-----------------|-----------|
| Small entity    | N.A.      |

# Filing an international application



WIPO reference  
44924

- ✓ Applicant(s)
- Representative
- Correspondence
- ✓ Designation(s)
- ✓ Design(s)
- ✓ Related Design(s)

- Description
- ✓ Creator(s)
- ✓ Claim (US)

- Priority(ies)
- Exhibition(s)

✓ More Optional Contents

- ✓ Publication
- ✓ Signature

✗ Payment/Validat.

Summary

Return to Portfolio Manager

## Information regarding data entry

**Signature**

The present application is signed by \_\_\_\_\_


The applicant(s)

|                  |
|------------------|
| Applicant's name |
| Betty Berendson  |

**Reference**

|                                  |                      |
|----------------------------------|----------------------|
| Application reference            | <input type="text"/> |
| Name of contact person           | <input type="text"/> |
| E-mail address of contact person | <input type="text"/> |

Save

Welcome **BETTINA** 

#### Portfolio Status

Number of application(s) sent: **3**  
 Number of application(s) unsent: **12**





#### E-Filing Manager Menu


[E-Filing Application](#)  
[E-Filing Communications \(0 unread\)](#)  
[E-Filing Tutorial](#)

[File an international application](#)
[Sent application\(s\)](#)
[Unsent application\(s\)](#)

Your application WIPO4062 has been sent to the International Bureau of WIPO. To download your acknowledgement of receipt, including all the details of your application, click on the PDF icon on the column A.R..

#### Application(s) sent to the International Bureau

| (1 of 1)  |                     |                  |                   |                    |                     |             |   |
|--|---------------------|------------------|-------------------|--------------------|---------------------|-------------|---|
|  | WIPO reference<br>↓ | Filing date<br>↓ | Applicant(s)<br>↓ | Locarno Class<br>↓ | Designation(s)<br>↓ | Status<br>↓ | A.R.  |
| 1  | WIPO4062            | 31/03/2016       | Betty Berendson   | 26                 | JP, KR, US          |             |  |
| 2  | WIPO3785            | 05/05/2015       | Betty             | 26                 | EM, JP, KR, US      | Abandonned  |  |
| 3  | WIPO3778            | 30/04/2015       | Betty             | 1                  | CH, EM, JP, KR, US  | Examination |  |

(1 of 1) 



# E-Filing Communications



World Intellectual Property Organization

**WIPO | HAGUE**

## **Hague - The International Design System**

A new communication for your international design application WIPO4054 is now available in your Portfolio Manager

Invitation to correct irregularities or minor defects

Please note that the original notification is also sent by mail.

Please do not reply to this e-mail; use our contact name to comment or ask questions

**Thank You!**

[www.wipo.int/hague/en](http://www.wipo.int/hague/en)

[betty.berendson@wipo.int](mailto:betty.berendson@wipo.int)



# The International Registration of Trademarks, Using the Madrid System

Roving Seminar on WIPO Services and Initiatives



Matthew Forno  
Senior Counsellor  
Information and Promotion Division  
Madrid Registry

**Atlanta, Georgia**  
**United States of America**  
**April 15, 2016**

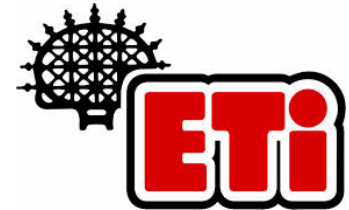
It begins with a trademark and a plan to export...



DAIMLER



ORKA GROUP  
"FASHION IS OUR BUSINESS"



SHISEIDO

MICROMAX

syngenta



ingelec

DZAMA

TREASURY  
WINE ESTATES

SONY®

Microsoft



sopharma®  
PHARMACEUTICALS TV

# Protection Options

...Then a choice must be made regarding the best way to protect your trademark/s abroad:

- The national route - file trademark application/s with the IP Office of each country in which you want protection
- The regional route - apply through a regional trademark registration system with effect in all member states (ARIPO, Benelux Office for IP, EUIPO and OAPI)
- The international route - file through the Madrid System

# The International Route

The international route through the Madrid System may be the preferred option when you:

- Seek protection in multiple markets, particularly if these are in different regions
- Want flexibility to add new markets as your export plans develop
- Have limited budget and/or time to spend on registration and management of your trademarks

# The Madrid System is Convenient

- Access a centralized filing and management procedure
- File one application, in one language and pay one set of fees for protection in multiple markets
- Expand protection to new markets as your business strategy evolves



# The Madrid System is Cost-effective

- File an international application, which is the equivalent of a bundle of national applications, effectively saving time and money
- Avoid paying for translations into multiple languages or working through the administrative procedures of multiple IP Offices

# The Madrid System offers Broad Geographic Coverage

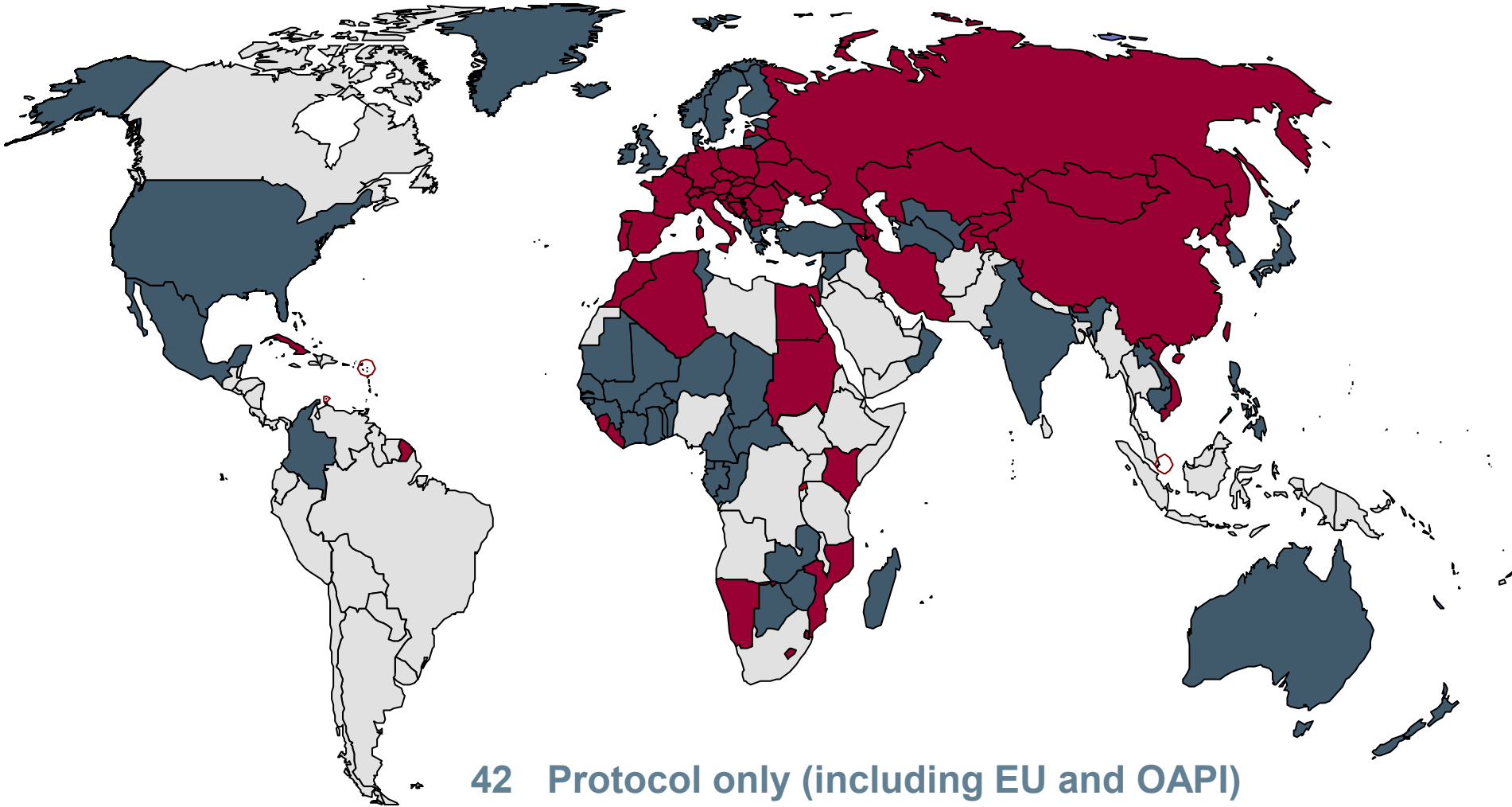
- Protect your trademark/s simultaneously in the 113 countries covered by the 97 members of the System
- Access markets that represent in excess of 80% of world trade, with potential for expansion as membership grows
- Recent accession include –
  - 2012: Colombia, Mexico, New Zealand and the Philippines
  - 2013: India, Rwanda and Tunisia
  - 2014: OAPI and Zimbabwe
  - 2015: Algeria, Cambodia, The Gambia and Lao PDR

# Madrid System Legal Framework

- Madrid Agreement (1891)
- Madrid Protocol (1989)
- Common Regulations
- Administrative Instructions
  
- Laws and Regulations of each Contracting Party

See [http://www.wipo.int/madrid/en/legal\\_texts/](http://www.wipo.int/madrid/en/legal_texts/)  
[http://www.wipo.int/madrid/en/members/ipoffices\\_info.html](http://www.wipo.int/madrid/en/members/ipoffices_info.html)

# Members of the Madrid System



**42** Protocol only (including EU and OAPI)

**55** Agreement and Protocol

**97** Members covering 113 countries

# How the Madrid System Works

## The International Trademark Registration Process



# Stage 1

## Application through your National or Regional IP Office (**Office of origin**)

- To be **entitled to use** the Madrid System, you must:
  - Have a real and effective industrial or commercial establishment in, or
  - Be domiciled in, or
  - Be a national of a member of the Madrid System
  
- Before filing an international application, you need to have registered or filed an application (**basic mark**) in your Office of origin
  
- Submit an **international application** through this same IP Office, which will certify and forward it to WIPO

## Stage 2

### Formal examination by WIPO

- WIPO conducts a **formalities examination** of your international application
- Once approved, the mark is **recorded in the International Register**
- WIPO sends a **certificate of international registration** and notifies the IP Offices, of the **designated Contracting Parties**, in which protection is sought
- The scope of protection is not known at this stage. It is only determined **after substantive examination** and decision by the IP Offices, as outlined in Stage 3

## Stage 3

### Substantive examination by IP Offices (Office of the designated Contracting Party)

- IP Offices make a **decision within 12 or 18 months** in accordance with their legislation. WIPO records the decisions and notifies you
- If an IP Office refuses to protect your mark, it will not affect the decisions of other offices. You can contest a refusal decision before the IP Office concerned
- If an IP Office accepts to protect your mark, it will issue **statement of grant of protection**
- The international registration is **valid for 10 years**. Renew directly with WIPO with effect in the designated Contracting Parties



# Costs

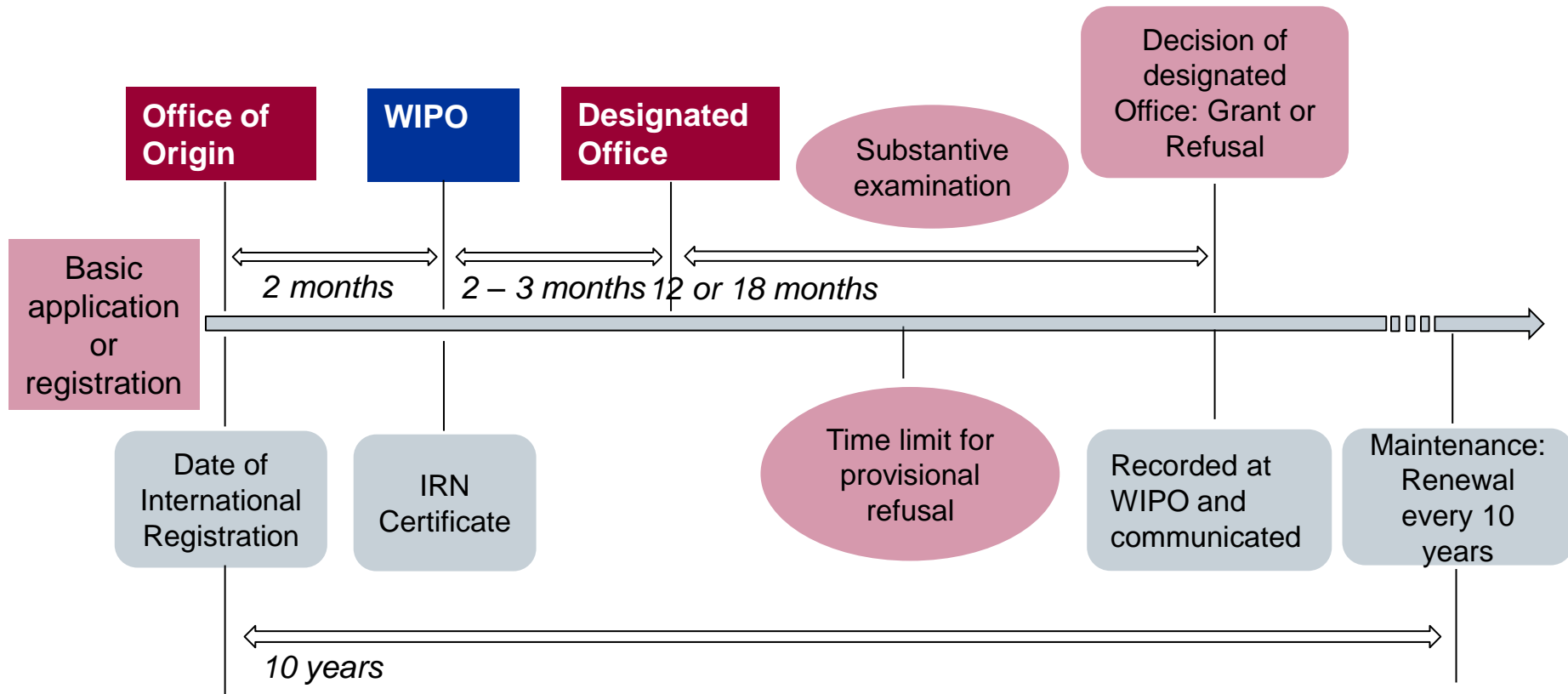
Fees are payable to WIPO in Swiss francs

- Basic fee\*, which includes 3 classes of goods/services
  - 653 Swiss francs - b/w reproduction of mark
  - 903 Swiss francs - color reproduction of mark
  
- Fees for designating Contracting Parties (dCP)
  - Standard fees - complementary (100 Swiss francs per dCP and supplementary (100 Swiss francs per class beyond 3)  
OR
  - Individual fees where this is declared

\* Applicants from [Least Developed Countries](#) benefit from a 90% reduction in the basic fee

# Timeline

## The International Trademark Registration Process



# WIPO Resources and E-Services

## SEARCH

[ROMARIN](#) – database of international registrations

[Member Procedures](#)

[Global Brand Database](#) – search marks by text and image from national/international sources, including trademarks, appellations of origin and official emblems (over 24,000,000 records)

## MONITOR

[Madrid Real-Time Status](#) of international applications and progress of requests being processed by WIPO

[Madrid Electronic Alert](#) monitor changes to international registrations (third party tool)

## FILE

[Forms and E-Forms](#)

[Madrid Goods & Services Manager](#) – correct good & service specifications and translation

[International Application Simulator](#)

[Fee Calculator](#)

[E-Payment](#) – online payment system by credit card/[WIPO current account](#)

## MANAGE

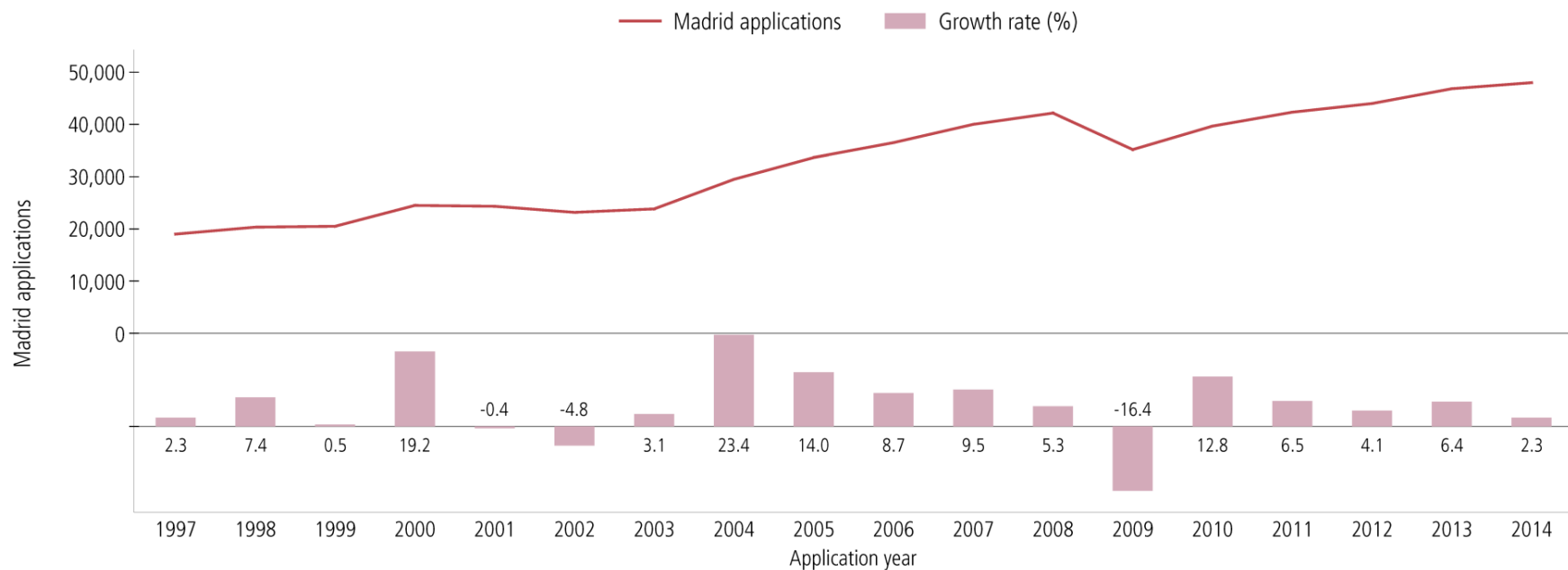
[Madrid Portfolio Manager](#) access registration documents, uploading of requests for recording, payments

[Forms and E-Forms](#) – [E-Subsequent Designation](#) and [E-Renewal](#)

[Extracts](#) from the International Register

# International Applications

**Figure A.1.1 Trend in international applications**



Source: WIPO Statistics Database, March 2015.

# General Profile 2015

## 51,938 International Registrations

|                                |                 |
|--------------------------------|-----------------|
| Average Number of Designations | 6.75            |
| Average Number of Classes      | 2.49            |
| Average Fee                    | CHF 3,102       |
| All Fees                       | 68% < CHF 3,000 |

# Top Filing Contracting Parties

| Contracting Parties      | 2013  | 2014  | 2015  |
|--------------------------|-------|-------|-------|
| United States of America | 5,893 | 5,414 | 8,486 |
| European Union           | 6,814 | 6,996 | 8,131 |
| Germany                  | 4,357 | 3,883 | 4,603 |
| France                   | 3,514 | 3,377 | 3,718 |
| Switzerland              | 2,885 | 2,994 | 3,128 |
| Japan                    | 1,855 | 1,729 | 2,407 |
| China                    | 2,455 | 1,738 | 2,231 |
| Australia                | 1,195 | 1,246 | 2,229 |
| Italy                    | 2,118 | 2,070 | 2,165 |
| United Kingdom           | 1,580 | 1,560 | 2,068 |

# Top Designated Contracting Parties

| Contracting Parties      | 2013   | 2014   | 2015   |
|--------------------------|--------|--------|--------|
| China                    | 20,275 | 20,309 | 24,849 |
| United States of America | 17,322 | 17,268 | 21,996 |
| European Union           | 17,598 | 17,270 | 21,721 |
| Russian Federation       | 18,239 | 16,573 | 17,436 |
| Japan                    | 13,179 | 12,814 | 15,776 |
| Switzerland              | 13,215 | 12,759 | 14,584 |
| Australia                | 11,675 | 11,533 | 14,292 |
| Republic of Korea        | 10,967 | 10,402 | 12,997 |
| India                    | 1,916  | 8,138  | 11,391 |
| Mexico                   | 5,095  | 8,533  | 10,569 |

# Top Applicants

| #  | Name                           | Origin         | Applications |
|----|--------------------------------|----------------|--------------|
| 1  | NOVARTIS                       | Switzerland    | 197          |
| 2  | LIDL                           | Germany        | 152          |
| 3  | L'ORÉAL                        | France         | 130          |
| 4  | PHILIPS                        | Netherlands    | 126          |
| 5  | RICHTER GEDEON NYRT            | Hungary        | 124          |
| 6  | BOEHRINGER INGELHEIM<br>PHARMA | Germany        | 90           |
| 7  | APPLE                          | USA            | 85           |
| 8  | DAIMLER                        | Germany        | 83           |
| 9  | BIOFARMA                       | France         | 81           |
| 10 | GLAXO GROUP                    | United Kingdom | 68           |



# Recent Developments

- New or improved E-Services
  - Madrid E-Filing (Australia and Benelux)
  - [E-Subsequent Designation](#) and [E-Renewal](#)
- E-Forms in test
- Algeria's accession to Protocol
  - Madrid operating, for practical purposes, as single-treaty system
  - One form needed for international applications (MM2)
- Publication of [Madrid System Pendency Rates](#) at WIPO

# Short-term Future of the System

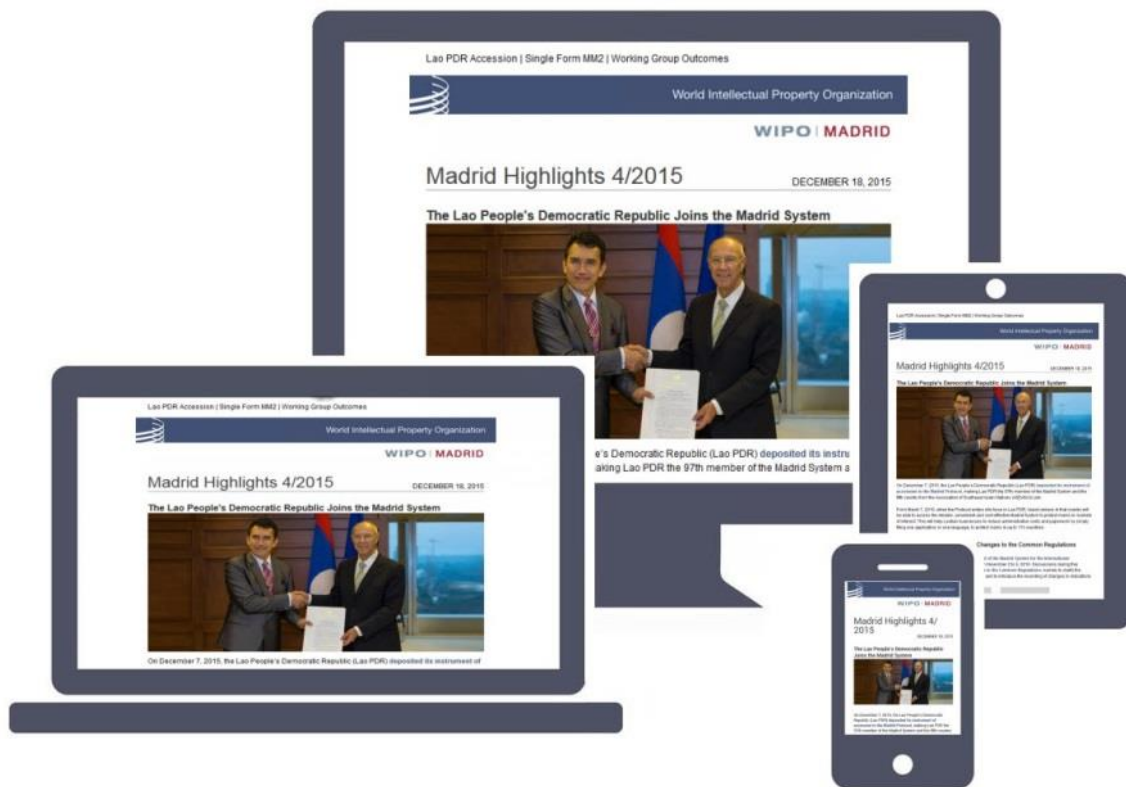
- Enlarging Membership
  - Arab Countries
  - African countries – Malawi and South Africa
  - ASEAN countries - Brunei Darussalam, Indonesia, Malaysia and Thailand
  - Canada
  - Caribbean countries – Trinidad and Tobago, and Jamaica
  - Latin American countries
  
- Broad-based review of E-Services and development of an online Customer Resources Center

# Keep Updated on the Madrid System

■ Visit the Madrid Website [www.wipon.int/madrid/en](http://www.wipon.int/madrid/en)

■ Subscribe to [Madrid Notices](#), our regular legal and news updates

■ Sign up for [Madrid Highlights](#), our quarterly newsletter



Thank you  
for your attention

[matthew.forno@wipo.int](mailto:matthew.forno@wipo.int)





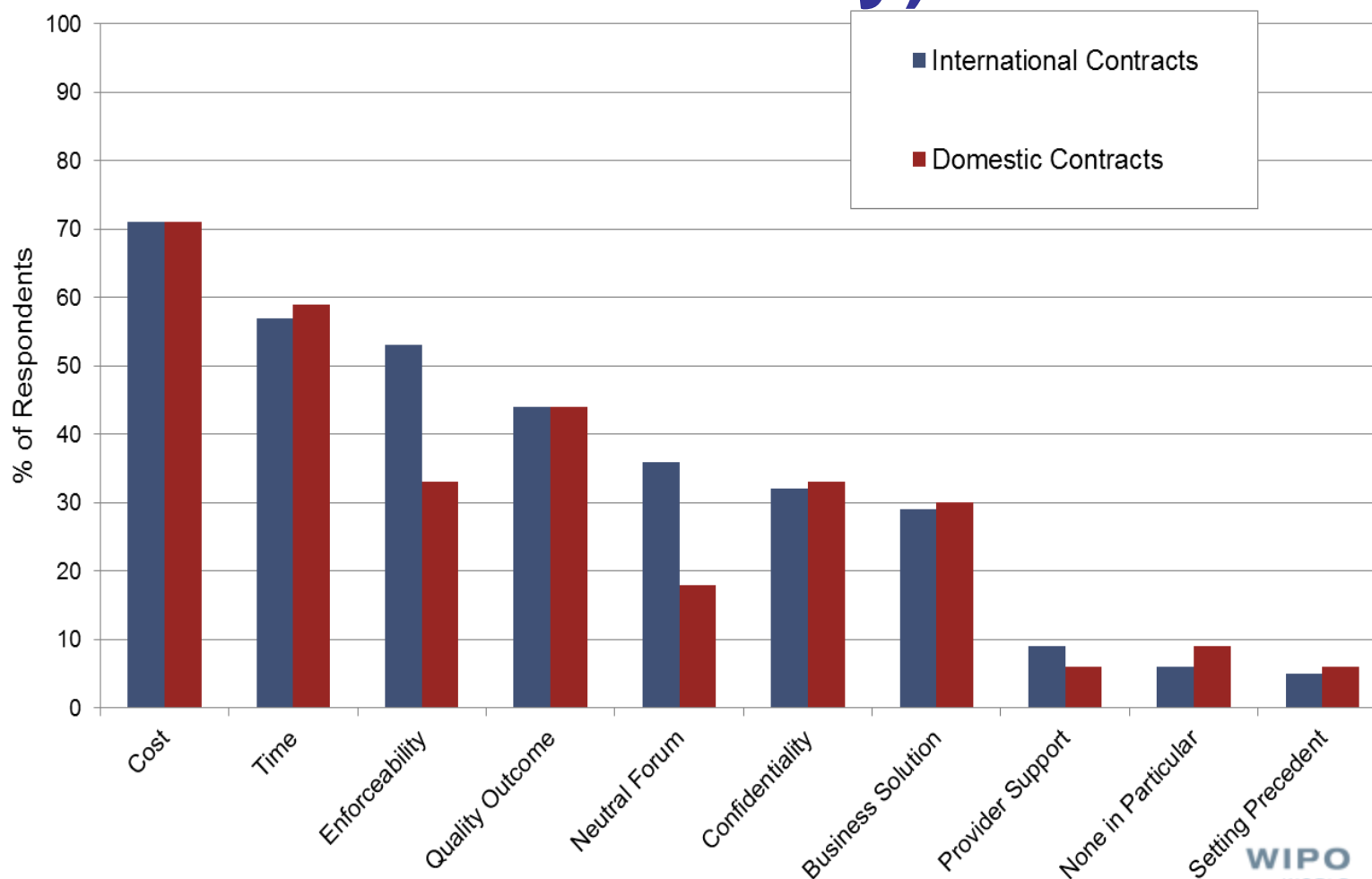
# Resolving IP Disputes outside the Courts through WIPO ADR: WIPO's Arbitration and Mediation Center



Matthew Bryan  
Director  
Patent Cooperation Treaty Legal Division  
WIPO

**WIPO Services and Initiatives  
Atlanta  
April 15, 2016**

# Top Ten Priorities in Choice of Dispute Resolution Clause (WIPO Survey)





# WIPO Arbitration and Mediation Center

- Facilitates the resolution of commercial disputes between private parties involving IP and technology, through procedures other than court litigation (alternative dispute resolution: ADR)
  - Offices in Geneva and Singapore
- ADR of IP disputes benefits from a specialized ADR provider
  - WIPO mediators, arbitrators and experts experienced in IP and technology - able to deliver informed results efficiently
- Competitive WIPO fees
- International neutrality
- Services include mediation, (expedited) arbitration, expert determination, and domain name dispute resolution



# WIPO ADR

## Mediation, Arbitration, Expert Determination

- **Mediation:** informal consensual process in which a neutral intermediary, the mediator, assists the parties in reaching a settlement of their dispute, based on the parties' respective interests. The mediator cannot impose a decision. The settlement agreement has force of contract. Mediation leaves open available court or agreed arbitration options.
- **Arbitration:** consensual procedure in which the parties submit their dispute to one or more chosen arbitrators, for a binding and final decision (award) based on the parties' rights and obligations and enforceable internationally. Arbitration normally forecloses court options.
- **Expert Determination:** consensual procedure in which the parties submit a specific matter (e.g., technical question) to one or more experts who make a determination on the matter, which can be binding unless the parties have agreed otherwise.

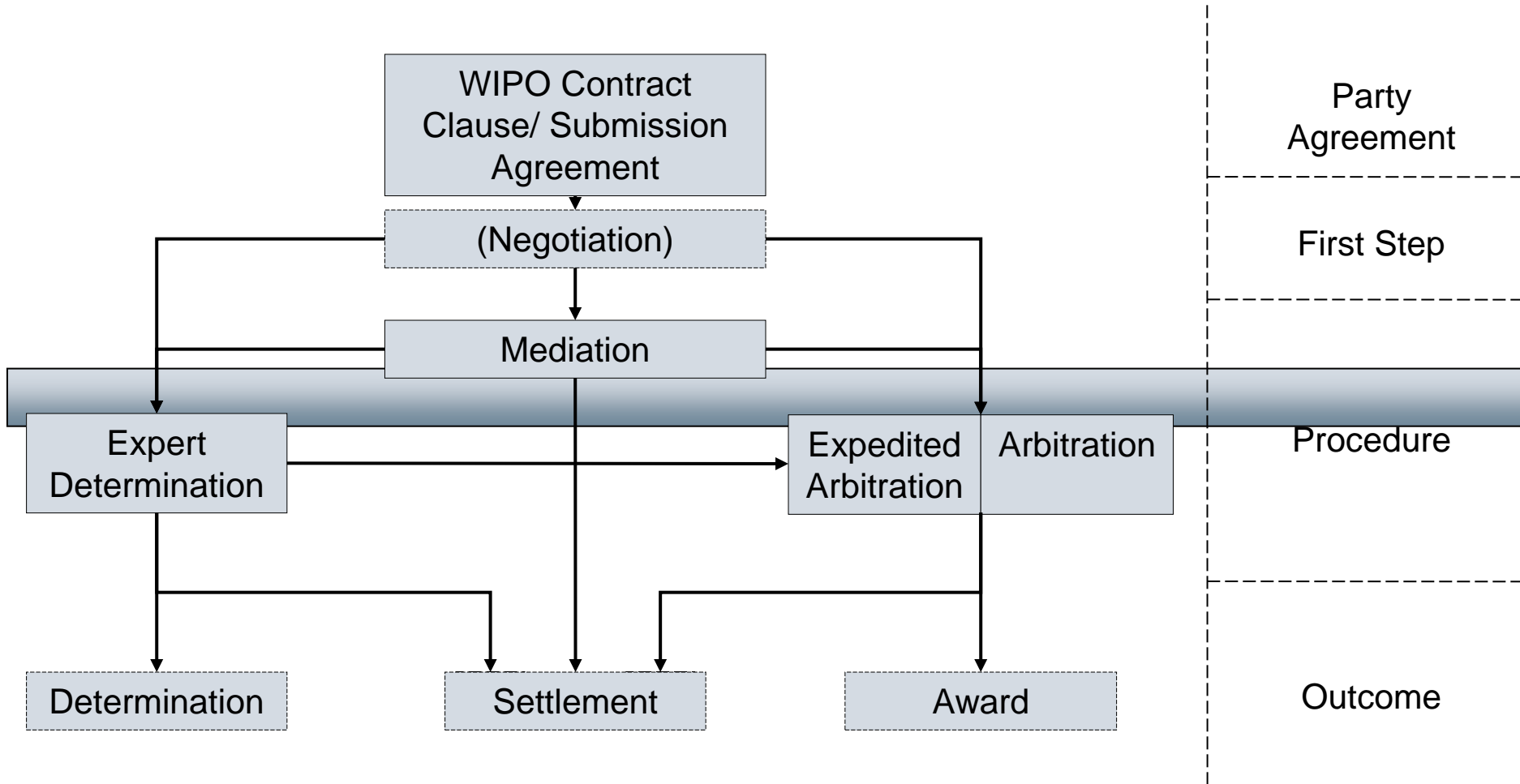
# Why Consider IP ADR?

- Cost of IP court litigation
  - *Calls for expedient solutions*
- Internationalization of creation/use of IP
  - *Calls for cross-border solutions; consolidate in one procedure*
- Technical and specialized nature of IP
  - *Calls for specific expertise of the neutral*
- Short product and market cycles in IP
  - *Calls for time-efficient procedures*
- Confidential nature of IP
  - *Calls for private procedures*
- Collaborative nature of IP creation and commercialization
  - *Calls for mechanisms that preserve relations*

# Routes to WIPO ADR

- ADR contract clause electing WIPO Rules
  - WIPO Mediation, and/or
  - WIPO (Expedited) Arbitration, and/or
  - WIPO Expert Determination
  
  - Model clauses: [www.wipo.int/amc/en/clauses/index.html](http://www.wipo.int/amc/en/clauses/index.html)
    - Parties can shape the process via the clause (e.g., location, language, law)
  
- ADR submission agreement electing WIPO Rules, e.g., in existing non-contractual disputes
  
- Court referrals

# WIPO ADR Options



# WIPO Model Clause Example: Mediation followed by Expedited Arbitration

"**Any dispute**, controversy or claim arising under, out of or relating to this contract and any subsequent amendments of this contract, including, without limitation, its formation, validity, binding effect, interpretation, performance, breach or termination, as well as non-contractual claims, **shall be submitted to mediation in accordance with the WIPO Mediation Rules**. The place of mediation shall be **[specify place]**. The language to be used in the mediation shall be **[specify language]**"

If, and to the extent that, **any such dispute**, controversy or claim **has not been settled pursuant to the mediation within [60][90] days of the commencement of the mediation**, it shall, **upon the filing of a Request for Arbitration by either party, be referred to and finally determined by arbitration in accordance with the WIPO Expedited Arbitration Rules**. Alternatively, if, before the expiration of the said period of [60][90] days, either party fails to participate or to continue to participate in the mediation, the dispute, controversy or claim shall, upon the filing of a Request for Arbitration by the other party, be referred to and finally determined by arbitration in accordance with the WIPO Expedited Arbitration Rules. The place of arbitration shall be **[specify place]**. The language to be used in the arbitral proceedings shall be **[specify language]**. The dispute, controversy or claim referred to arbitration shall be decided in accordance with **[specify jurisdiction] law**."

## WIPO Clause Generator

### Step 3 – Build your clause: WIPO Mediation followed, in the absence of a settlement, by Arbitration Clause

#### Mediation

The parties should determine where they want the mediation to take place.

##### Core Elements ?

Place of Mediation

Language of the Mediation

Duration of the Mediation Proceedings

##### Additional Elements ?

Qualifications of the Mediator

Conduct of the Mediation

The place of mediation shall be .

Clear

Next

Any dispute, controversy or claim arising under, out of or relating to this contract and any subsequent amendments of this contract, including, without limitation, its formation, validity, binding effect, interpretation, performance, breach or termination, as well as non-contractual claims, shall be submitted to mediation in accordance with the WIPO Mediation Rules.

The place of mediation shall be [specify place].

The language to be used in the mediation shall be [specify language].

If, and to the extent that, any such dispute, controversy or claim has not been settled pursuant to the mediation within [specify timeline] days of the commencement of the mediation, it shall, upon the filing of a Request for Arbitration by either party, be referred to and finally determined by arbitration in accordance with the WIPO Arbitration Rules. Alternatively, if, before the expiration of the said period of [specify timeline] days, either party fails to participate or to continue to participate in the mediation, the dispute, controversy or claim shall, upon the filing of a Request for Arbitration by the other party, be referred to and finally determined by arbitration in accordance with the WIPO Arbitration Rules.

The arbitral tribunal shall consist of [a sole arbitrator][three arbitrators].

The place of arbitration shall be [specify place].

The language to be used in the arbitral proceedings shall be [specify language].

The dispute, controversy or claim shall be decided in accordance with the law of [specify jurisdiction].

#### Arbitration

##### Core Elements ?

Number of Arbitrators

Place of Arbitration

Language of Arbitration

Substantive Law

##### Additional Elements ?

Appointment Procedure

Qualifications of the Arbitrators

ECAF

Evidence

Time Period of Delivery of the Final Award

Appeal

### Step 4 – Download or copy the final result

Download

Copy to clipboard

Print clause

# WIPO Center Case Role

## ■ Administering cases

- ❑ Under WIPO Rules, or under special procedures
- ❑ Active management: containing time and costs
  - WIPO ECAF (optional online case management)

## ■ Facilitating selection and appointment of mediators, arbitrators, experts

- ❑ WIPO list of 1,500+ neutrals
  - From numerous countries in all regions
  - Specialized in different areas of IP and IT

# WIPO Electronic Case Facility (ECAF)

- Simple; secure; instant; location-independent; optional

## ECAF HOME

[Help](#)  
[Arbitration](#)  
[Mediation](#)  
[Expert Determination](#)  
[Logout](#)

## WIPO Electronic Case Facility (ECAF)

Case: **WIPOA20020**

Licensing v. AB Technics Inc.

Case Overview

Contact Information

Case File

Message Board

Neutral Message Board

### Case File

Only documents to be recorded as part of the casefile should be submitted in the Case File.  
 Only first-level submissions will trigger an email notification to users.  
 Display issues from variations in browsers may be resolved by adjusting the Text Size in the browser menu.

 [Search Case](#)

 [Submit New File](#)

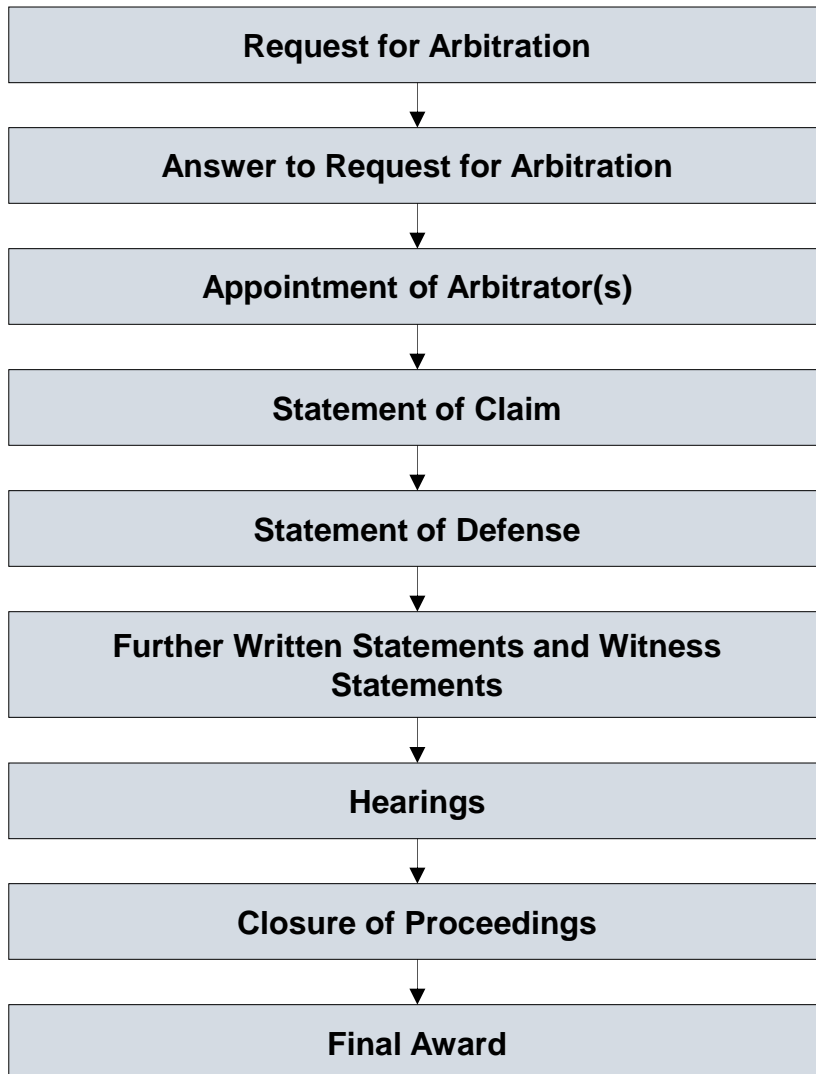
[Expand](#) | [Collapse](#)

To sort, you may click on the column headers

| ITEM NO | SUBMITTED BY             | DATE                 | SUBJECT                          | ANNEX                        |
|---------|--------------------------|----------------------|----------------------------------|------------------------------|
| 3       | WIPO AMC<br>Case Manager | 04/06/09<br>14:44:26 | <a href="#">Main Case File 3</a> | 1<br><a href="#">[ Add ]</a> |
| 3.1     |                          | 04/06/09<br>14:45:21 | <a href="#">Annex 1</a>          | <a href="#">[ Add ]</a>      |
| 2       | WIPO AMC<br>Case Manager | 22/05/09<br>16:11:02 | <a href="#">Main Case File 2</a> | 2<br><a href="#">[ Add ]</a> |
| 2.1     |                          | 22/05/09<br>16:11:22 | <a href="#">Annex 1</a>          | 3<br><a href="#">[ Add ]</a> |
| 2.1.1   |                          | 02/06/09<br>11:03:17 | <a href="#">Annex 1</a>          |                              |
| 2.1.2   |                          | 21/09/09<br>13:05:27 | <a href="#">Annex 2</a>          |                              |



## WIPO Arbitration



## WIPO Expedited Arbitration

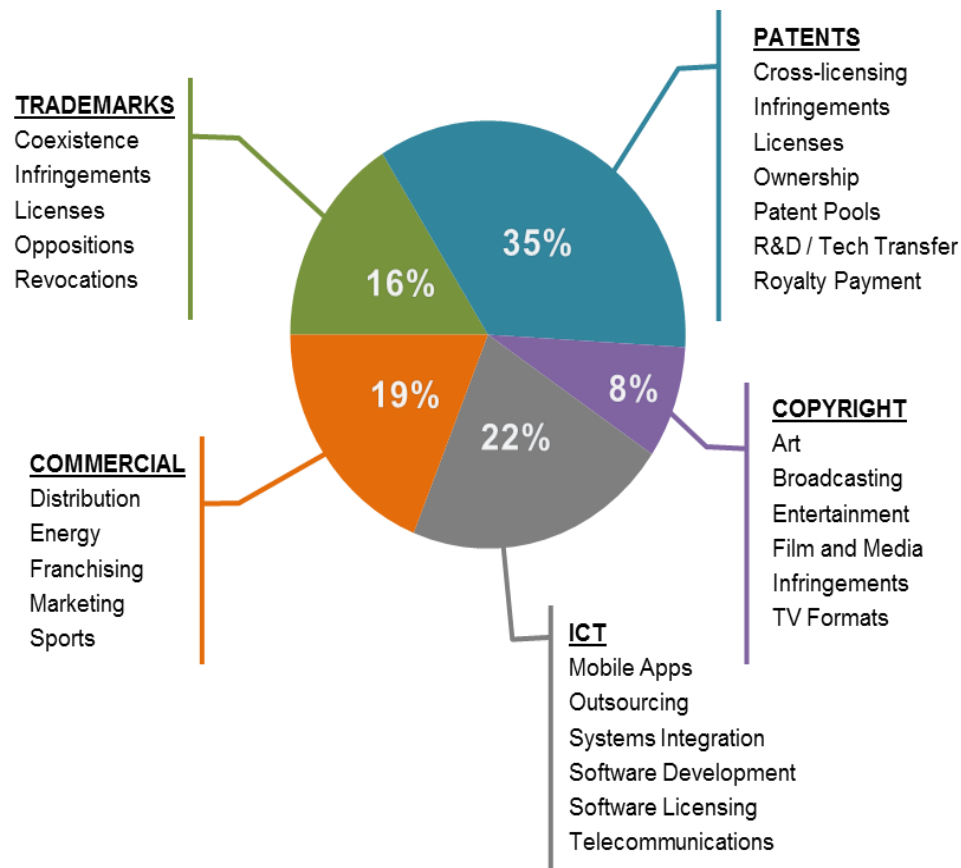


- One exchange of pleadings
- Shorter time limits
- Sole arbitrator
- Shorter hearings
- Fixed fees

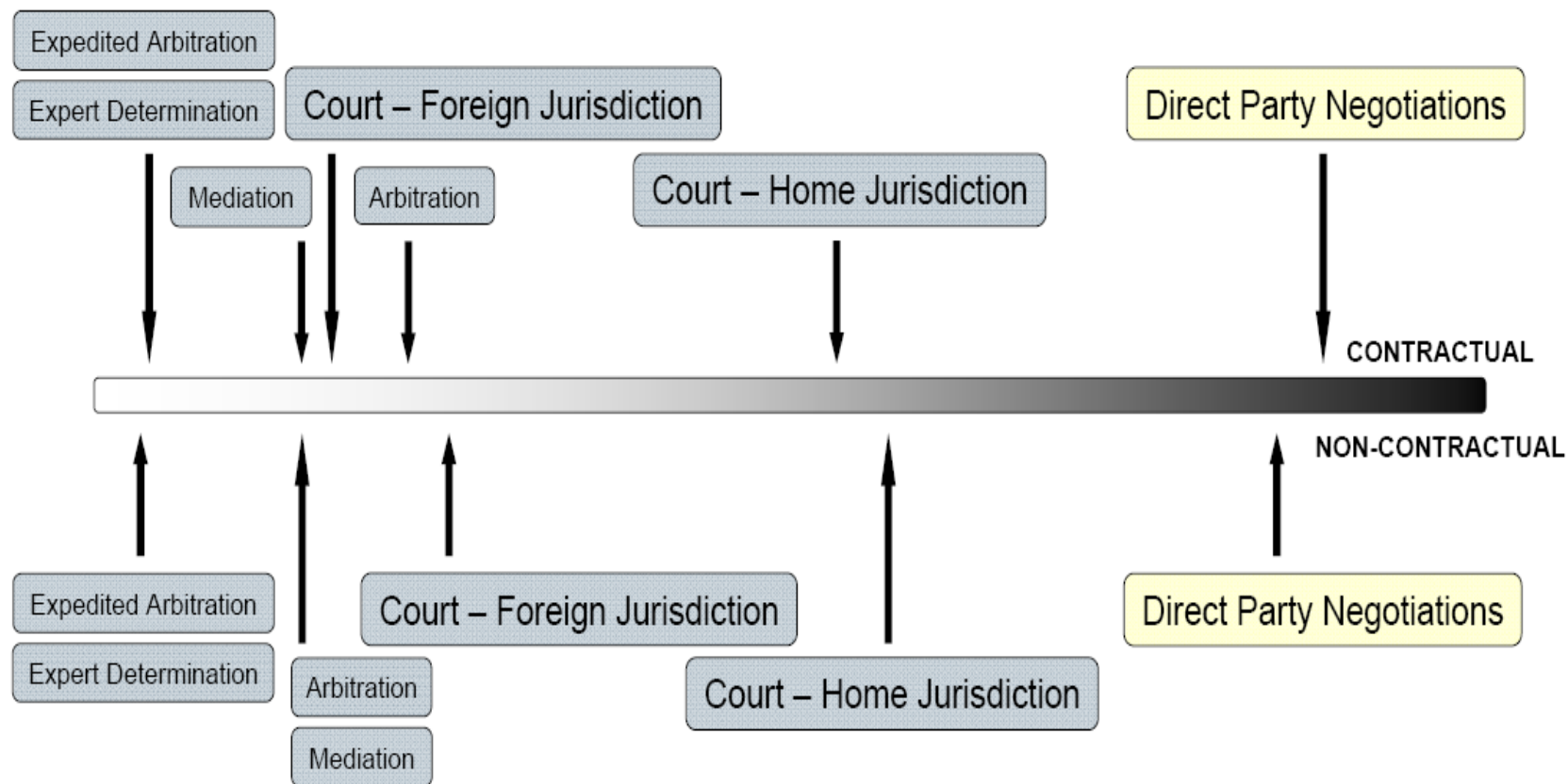
# WIPO Mediation, Arbitration and Expert Determination Cases

- IP/IT disputes and commercial disputes
  - Contractual: patent licenses, software/ICT, R&D and technology transfer agreements, patent pools, distribution agreements, joint ventures, copyright collecting societies, trademark coexistence agreements, settlement agreements
  - Non-contractual: infringement of IP rights
- Domestic and international disputes (25/75%)
- Amounts in dispute from USD 50,000 to USD 1 billion

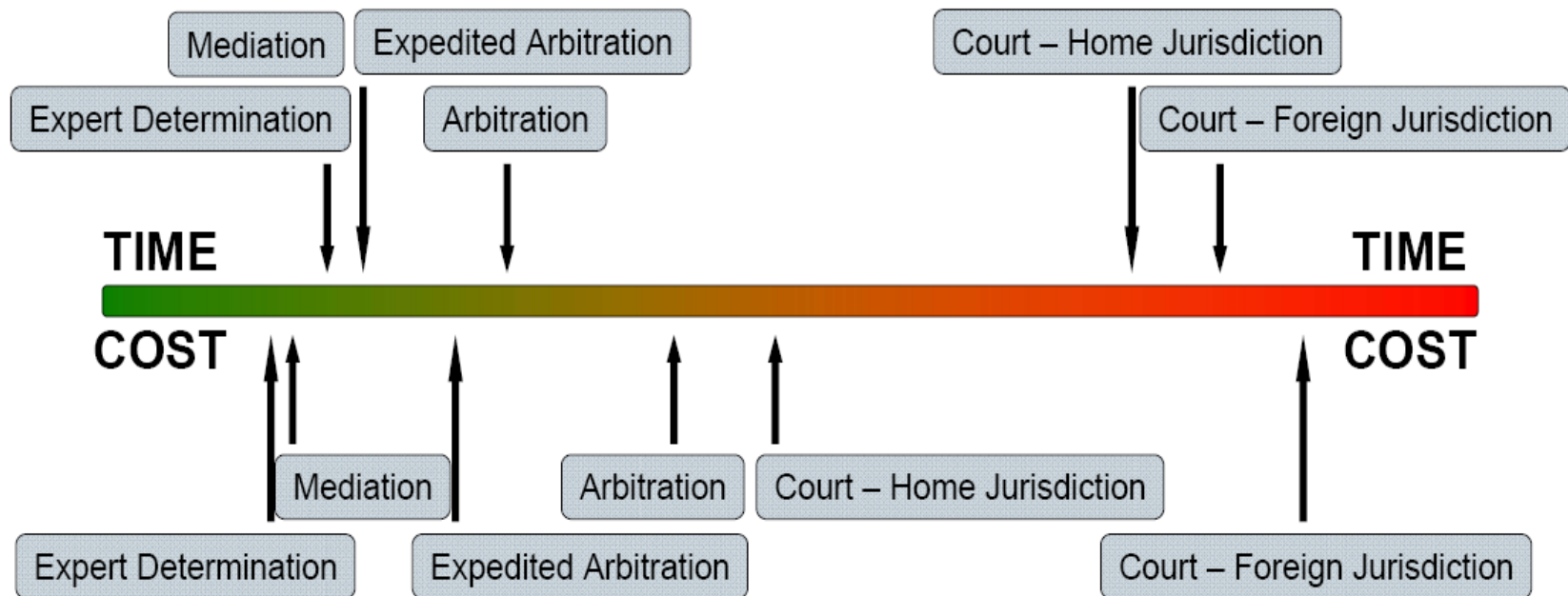
# Dispute Areas in WIPO Mediation and Arbitration Cases



# How Are Technology Disputes Resolved?



# Relative Time and Cost of Technology Dispute Resolution



## Mediation, (Expedited) Arbitration, Expert Determination Fee Calculator


The fees referenced below are estimates, in **United States dollars**. Final amounts payable are to be decided in consultation with the [Center](#).

Type of Procedure  



Amount in Dispute in USD



 Dispute is not quantifiable or Request does not indicate any claims for a monetary amount

 WIPO PCT Filer, Hague System Filer, Madrid System Filer, WIPO Green Technology Provider or Seeker

Calculate

Reset

Registration Fee No Registration Fee

Administration Fee USD 375

Mediator's Fee USD 300-USD 600 per hour USD 1,500-USD 3,500 per day.

### Schedule of Fees

Mediation

Arbitration / Expedited Arbitration

Expert Determination

Emergency Relief Proceedings (Effective from June 1, 2014)

For further information and payment details, click on the applicable schedule of fees and costs on the right hand side of the page.

# WIPO AMC Recent Developments

## (1)

### ■ Unilateral Request for WIPO Mediation

- In the absence of a mediation agreement, a party that wishes to propose submitting a dispute to mediation may submit a Request for Mediation to the Center
  - Art. 4 WIPO Mediation Rules (effective January 1, 2016)

### ■ WIPO Clause Generator

- Allows parties to develop tailored WIPO clauses and submission agreements on the basis of the WIPO models
  - Select ADR procedure(s) and core elements, such as place and language of proceedings and applicable law, and, if desired, additional elements, including qualifications of neutral

# WIPO AMC Recent Developments

## (2)

- WIPO Guide on Alternative Dispute Resolution Options for Intellectual Property Offices and Courts
  - Based on WIPO Center advisory and case experience, offers practical guidance to IP Offices and courts that wish to institutionalize ADR options for proceedings pending before them
- USPTO included the WIPO Center among listed ADR providers
  - Available at the option of parties to administer disputes before the Trademark Trial and Appeal Board (TTAB) and the Patent Trial and Appeal Board (PTAB)
- WIPO ADR for FRAND Disputes
  - Tailored model submission agreements that parties may use to refer a dispute concerning FRAND terms
  - Special list of mediators, arbitrators and experts for patents in standards



# Uniform Domain Name Dispute Resolution Policy (UDRP)

- 1999: WIPO-created international administrative ADR procedure
- Allows trademark owners to resolve “clear cut” cases of abusive domain name registration and use (“cybersquatting”)
- Operates outside the courts, but preserves party court option
- Uniform: applicable to all gTLDs “old” (.com, .net, .org, etc.) and “new” (.bike, .fail, .nyc, etc.)
- Applicable via mandatory “contract web” between ICANN, registrars, and registrants

# UDRP: Principal Advantages

- Significantly quicker and cheaper than court litigation
  - Two-month average; fixed fees (USD 1,500)
- Predictable criteria and results
- Decision (transfer) implemented directly by registrar
- Prevents consumer confusion/brand abuse

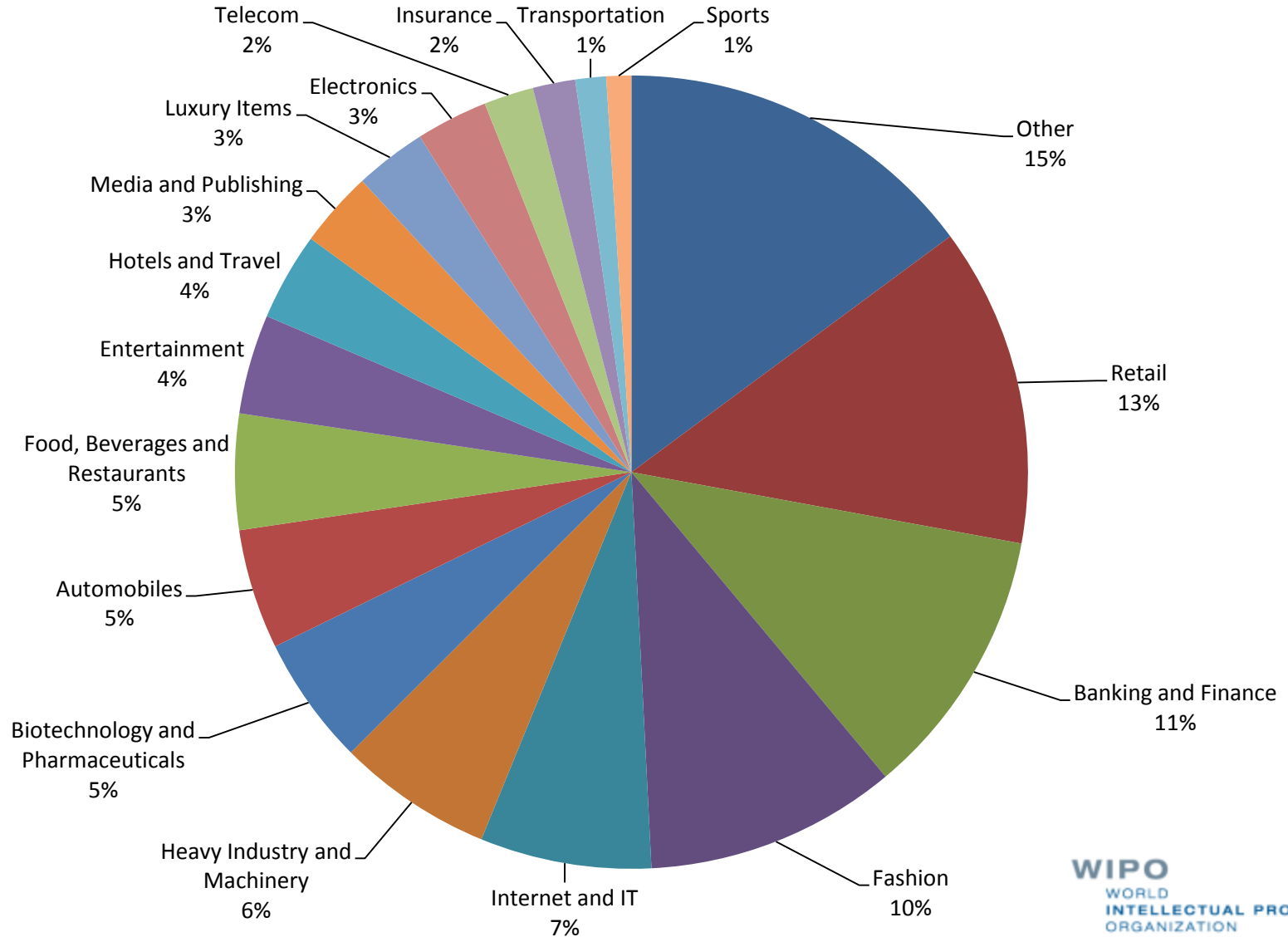
# The UDRP Test – Three Elements

- Trademark must be **identical or confusingly similar** to the domain name; and
- The registrant of the domain name must have **no rights or legitimate interests** in the domain name; and
- The domain name must have been registered and used **in bad faith**.

# Domain Name Dispute Filing with WIPO

- 16 years' experience as the global leader in domain name dispute resolution
  - 33,000+ cases covering 60,000+ domain names
    - 2015 total:
      - 2,754 cases (+4.6%) comprising 4,364 domain names from 113 countries and in 15 languages
      - 10.5% related to new gTLDs (including .XYZ, .CLUB and .EMAIL)
      - 13.7% involved ccTLDs
      - Top filing countries: US, FR, DE, GB, CH, NL, IT, ES, SE, DK
      - 313 new panelists appointed from 45 countries
      - Top complainant sectors: fashion (10%), banking/finance (9%), Internet/IT (9%), retail (8%), biotech/pharma (7%)
      - Top case filers: Hugo Boss, Philip Morris, Electrolux, Hoffman-La Roche, Volkswagen, LEGO, Michelin
  - Involving parties based in 177 countries
  - Multilingual case administration (21 languages to date)
  - Paperless filing: WIPO-initiated eUDRP

# WIPO UDRP Complainant Areas of Activity



# Key WIPO UDRP Resources

- WIPO Guide to the UDRP

[www.wipo.int/amc/en/domains/guide](http://www.wipo.int/amc/en/domains/guide)

- Model pleadings (complaint and response)

[www.wipo.int/amc/en/domains/complainant](http://www.wipo.int/amc/en/domains/complainant)

- Legal Index of UDRP Decisions

[www.wipo.int/amc/en/domains/search/index.html](http://www.wipo.int/amc/en/domains/search/index.html)

- WIPO Jurisprudential Overview of Selected UDRP Questions

[www.wipo.int/amc/en/domains/search/overview/index.html](http://www.wipo.int/amc/en/domains/search/overview/index.html)

# WIPO Overview of WIPO Panel Views on Selected UDRP Questions, Second Edition ("WIPO Overview 2.0")

## 1. First UDRP Element

- 1.1 Does ownership of a registered trademark to which the domain name is identical or confusingly similar automatically satisfy the requirements under paragraph 4(a)(i) of the UDRP?
- 1.2 What is the test for identity or confusing similarity, and can the content of a website be relevant in determining this?
- 1.3 Is a domain name consisting of a trademark and a negative term confusingly similar to the complainant's trademark? ("sucks cases")
- 1.4 Does the complainant have UDRP-relevant trademark rights in a trademark that was registered, or in which the complainant acquired unregistered rights, after the domain name was registered?
- 1.5 Can a complainant show UDRP-relevant rights in a geographical term or identifier?
- 1.6 Can a complainant show UDRP-relevant rights in a personal name?
- 1.7 What needs to be shown for the complainant to successfully assert common law or unregistered trademark rights?
- 1.8 Can a trademark licensee or a related company to a trademark holder have rights in a trademark for the purpose of filing a UDRP case?
- 1.9 Is a domain name consisting of a trademark and a generic, descriptive or geographical term confusingly similar to a complainant's trademark?
- 1.10 Is a domain name which contains a common or obvious misspelling of a trademark (i.e., typosquatting) confusingly similar to a complainant's trademark?
- 1.11 Are disclaimed or design elements of a trademark considered in assessing identity or confusing similarity?

## 2. Second UDRP Element

- 2.1 Is the complainant required to prove that the respondent lacks rights or legitimate interests in the disputed domain name?
- 2.2 Does a respondent automatically have rights or legitimate interests in a domain name comprised of a dictionary word(s)?
- 2.3 Can a reseller/distributor of trademarked goods or services have rights or legitimate interests in a domain name which contains such trademark?
- 2.4 Can a criticism site generate rights or legitimate interests in the disputed domain name?
- 2.5 Can a fan site generate rights or legitimate interests in the disputed domain name?
- 2.6 Do parking and landing pages or pay-per-click (PPC) links generate rights or legitimate interests in the disputed domain name?
- 2.7 Does a respondent trademark corresponding to a disputed domain name automatically generate rights or legitimate interests?

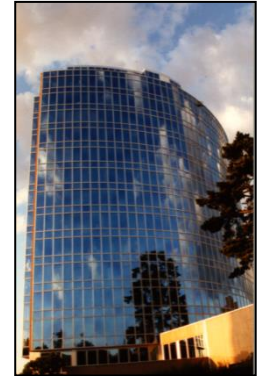
## 3. Third UDRP Element

- 3.1 Can bad faith be found if the domain name was registered before the trademark was registered or before unregistered trademark rights were acquired?
- 3.2 Can there be use in bad faith when the domain name is not actively used and the domain name holder has taken no active steps to sell the domain name or to contact the trademark holder (passive holding)?
- 3.3 What constitutes a pattern of conduct of preventing a trademark holder from reflecting the mark in a corresponding domain name?
- 3.4 Can constructive notice, or a finding that a respondent "knew or should have known" about a trademark, or willful blindness, form a basis for finding bad faith?
- 3.5 What is the role of a disclaimer on the web page of a disputed domain name?
- 3.6 Can statements made in settlement discussions be relevant to showing bad faith?
- 3.7 Does the renewal of the registration of a domain name amount to a registration for the purposes of determining whether the domain name was registered in bad faith?
- 3.8 Can third-party or "automatically generated" material appearing on a website form a basis for finding registration and/or use in bad faith?
- 3.9 Can use of a privacy or proxy registration service form a basis for finding bad faith?
- 3.10 Can the use of "robots.txt" or similar mechanisms to prevent website content being accessed in an on-line archive form a basis for finding in bad faith?
- 3.11 Can tarnishment of a trademark form a basis for finding bad faith?

# Further Information (1)

## ■ WIPO Arbitration and Mediation Center Offices

- Geneva, Switzerland
- Singapore, Singapore



## ■ WIPO External Offices

- Rio de Janeiro, Brazil
- Beijing, China
- Tokyo, Japan
- Moscow, Russia
- Singapore, Singapore





# Further Information (2)

- Queries and case filing:  
[arbiter.mail@wipo.int](mailto:arbiter.mail@wipo.int)
- Model clauses:  
[www.wipo.int/amc/en/clauses/](http://www.wipo.int/amc/en/clauses/)
- Info on procedures, neutrals and case examples:  
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# Global Databases for IP Platforms and Tools for the Connected Knowledge Economy



**Speaker:** Glenn MacStravic  
Head, Brand Database Unit  
Global Databases Division  
Global Infrastructure Sector

# Strategic Goals of Global Databases and Tools

## ■ 2 related goals:

- “Coordination and Development of Global IP Infrastructure”
- “World Reference Source for IP Information and Analysis”

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- Providing search facilities for IP collections (patents, trademarks, industrial designs)
- Simplifying application procedures to multiple IP authorities
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35 million patent documents including 2.2 million published international patent applications (PCT).  
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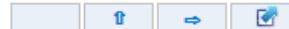
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electric car

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1. (WO2012167518) SOLAR HYBRID VEHICLE

- PCT Biblio. Data** | Description | Claims | National Phase | Notices | Drawings | Documents

Latest bibliographic data on file with the International Bureau

PermaLink

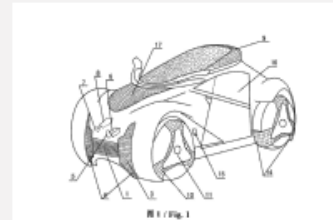
**Pub. No.:** WO/2012/167518    **International Application No.:** PCT/CN2011/079446  
**Publication Date:** 13.12.2012    **International Filing Date:** 07.09.2011  
**IPC:** B60K 6/28 (2007.10), B60L 8/00 (2006.01)   
**Applicants:** ZHU, Shuyi [CN/CN]; (CN)  
**Inventors:** ZHU, Shuyi; (CN)  
**Agent:** BEIJING GENIUS ESSEN INTELLECTUAL PROPERTY OFFICE; Room 806 ~ 809 Taifeng Huizhong Mansion No.120 Zhushikou W. St., Xicheng District Beijing 100050 (CN)

**Priority Data:** 201110151619.9 08.06.2011 CN

**Title**  
 (EN) SOLAR HYBRID VEHICLE  
 (FR) VÉHICULE HYBRIDE SOLAIRE  
 (ZH) 太阳能混合动力汽车

**Abstract:** (EN) A solar hybrid vehicle comprises a vehicle body, a

vehicle energy configuration system, and a braking energy recycling device (11). The vehicle body collects solar energy with a solar energy collection system, the collected solar energy is stored in the vehicle energy configuration system, and the braking energy recycling device is connected to a storage battery pack (6). A sensor is disposed between the vehicle energy configuration system and the storage battery pack. The vehicle energy configuration system is connected to an on-board automatic control system, an external charging interface (15) and an electric motor (7). The present invention combines multiple technical solutions, reduces energy consumption, increases the utilization of solar energy, and is more aesthetic and user-friendly.



(FR) La présente invention concerne un véhicule hybride solaire comportant une carrosserie de véhicule, un système de configuration d'énergie de véhicule, et un dispositif de recyclage d'énergie au freinage (11). La carrosserie de véhicule collecte de l'énergie solaire grâce à un système de collecte d'énergie solaire, l'énergie collectée est stockée dans le système de configuration d'énergie de véhicule et le dispositif de recyclage d'énergie au freinage est connecté à un bloc d'éléments d'accumulateur (6). Un capteur est disposé entre le système de configuration d'énergie de véhicule et le bloc d'éléments d'accumulateur. Le système de configuration d'énergie de véhicule est connecté à un système de commande automatique embarqué, à une interface de charge externe (15) et à un moteur électrique (7). La présente invention est une combinaison de plusieurs solutions techniques, réduit la consommation d'énergie, accroît l'utilisation de l'énergie solaire, et est plus esthétique et conviviale.

(ZH) 一种太阳能混合动力汽车, 包含汽车本体、车体能量配置系统、制动能量回收装置 (11); 汽车本体通过太阳能采集系统收集太阳能, 收集的太阳能存储在车体能量配置系统中, 制动能量回收装置与蓄



1. (WO2012/000000)

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PCT Biblio. Data | Description | Claims | National Phase

Note: Text based on automatic Optical Character Recognition

legal matters

太阳能混合动力汽车

技术领域

本发明涉及一种太阳能混合动力汽车，属于新能源汽车技术领域。

背景技术

随着国民经济的快速发展，越来越多的家庭已经或即将拥有汽车。但是，国际原油价格的一路飙升为我们敲响了能源紧缺的警钟。汽车在中国家庭中的普及要求我们在新能源汽车上取得实质性的技术突破。

目前，国内外众多科研机构、公司都在致力于新能源汽车的研究。其中，混合动力汽车是现有新能源汽车中最接近成熟的产品。混合动力汽车的性能可以超过传统的燃油汽车，但其电池蓄电量成为影响其发展的瓶颈，所以还不能完全取代燃油汽车。

在太阳能汽车的开发研究上，人们已经取得了较大的进展。近年来对太阳能收集转化技术的研究，也有效提高了太阳能的吸收利用率。太阳能汽车的车体玻璃对太阳能的有效吸收利用情况在很大程度上影响了汽车的整体性能。为此，人们在太阳能汽车上尝试使用可烘烤低辐射镀膜玻璃和太阳能薄膜电池来提高太阳能的吸收效率，并取得了一定的效果。

因此，借助技术的更新可以为市场提供更好的节能环保型太阳能混合动力汽车。

发明内容

本发明所要解决的技术问题在于克服现有技术的不足，提供一种太阳能混合动力汽车。

为实现上述的发明目的，本发明采用下述的技术方案：

一种太阳能混合动力汽车，包括汽车本体、太阳能采集系统、车体能量配置系统、车载自动控制系统和制动能量回收装置；

所述汽车本体通过所述太阳能采集系统收集太阳能；收集的太阳能储存在车体能量配置系统中，所述制动能量回收装置与蓄电池组连接；所述车体能量配置系统与所述蓄电池组之间设有传感器，所述车体能量配置系统分别与所述车载自动控制系统、外接充电接口和电动机相连；

所述太阳能采集系统包括太阳能天窗、可烘烤低辐射镀膜玻璃、太阳能薄膜电池以及车轮太阳能板，其中所述太阳能天窗为设置在所述汽车本体顶部的太阳能蜂窝吸光体；

在所述车体能量配置系统中，供电控制单元分别与光强检测单元、太阳能采集单元、能量存储单元、汽车用电单元连接，用于实时接收所述检测单元检测到的光强信号，并根据该光强信号控制所述太阳能采集单元、所述能量存储单元以及所述汽车用电单元的运行；

在所述汽车本体的车轮外侧分别设置有磁浮制动盘罩，所述磁浮制动盘罩的表面设置有车轮太阳能板；



1. (WO2012167518) SOLAR HYBRID VEHICLE

PCT Biblio. Data | Description | Claims | National Phase | Notices | Drawings | Documents

**Note:** Text based on automatic Optical Character Recognition processes. Please use the PDF version for legal matters

Solar hybrid vehicles

TECHNICAL FIELD

The present invention relates to a solar hybrid vehicles, belonging to the technical field of new energy vehicles.

Background technique

With the rapid development of national economy, more and more families have been or are about to have a car. However, the international crude oil prices soaring to us sounded the alarm for the energy shortage. Car popular in Chinese families requires us to achieve substantial breakthroughs in the new energy vehicles.

At present, many domestic and foreign research institutes, companies are working on new energy vehicles. Among them, hybrid cars are the closest existing new energy vehicles mature product. Hybrid vehicles can exceed the performance of conventional fuel vehicles, but its battery capacity becomes a bottleneck affecting its development, so it can not fully replace fuel vehicles.

On the research and development of solar cars, people have made great progress. Recent studies on the conversion of solar collector technology, but also effectively improve the absorption and utilization of solar energy. Solar car body glass of solar energy effectively absorbed largely affected the overall performance of the car utilization. For this reason, people try to use the solar car can bake bend low emissivity coated glass and thin film solar cells to improve the absorption efficiency of solar energy, and have achieved some results.

Therefore, the use of updated technology may provide better energy saving solar hybrid vehicles to the market.

SUMMARY OF THE INVENTION

Technical problems to be solved by the present invention is to overcome the deficiencies of the prior art and to provide a solar hybrid vehicles.

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Language pair:

Domain:

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Domain: [automatic detection] [automatic detection] ADMN-Admin, Business, Management & Soc Sci AERO-Aeronautics & Aerospace Engineering AGRI-Agriculture, Fisheries & Forestry AUDV-Audio, Audiovisual, Image & Video Tech AUTO-Automotive & Road Vehicle Engineering BLDG-Civil Engineering & Building Construction CHEM-Chemical & Materials Technology DATA-Computer Sci, Telecom & Broadcasting ELEC-Electrical Engineering & Electronics ENGY-Energy, Fuels & Heat Transfer Eng ENVR-Environmental & Safety Engineering FOOD-Foods & Food Technology GENR-Generalities, Language, Media & Info Sci HOME-Home Contents & Household Maintenance HORO-Precision Mechanics, Jewelry & Horology MANU-Manufacturing & Materials Handling Tech MARI-Marine Engineering MEAS-Standards, Units, Metrology & Testing MECH-Mechanical Engineering

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MECH-Mechanical Engineering

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or at least partially shale gas operation of changing the equipment in the prior art, exploitation whole process are all made of diesel generator

or at least partially shale gas operation of changing the equipment in the prior art, exploitation whole **course by** diesel generator

or at least partially shale gas operation of changing the equipment in the prior art, exploitation whole process **by** diesel generator

or at least partially shale gas operation of changing the equipment in the prior art, exploitation whole process of diesel generator

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|   | Publication Number           | Publication Date | Title  | Abstract   |   |   |   |   |    |
|   | <a href="#">WO2015130275</a> | 03.09.2015       | PRINT ZONE HEATING   | In one example, the plenum, and ;  |   |   |   |   |    |
|   | <a href="#">WO2015130288</a> | 03.09.2015       | BEHAVIOR MODIFICATION OF A POWER SUPPLY IN RESPONSE TO A DETECTED CONDITION            | Examples herein includes a conver  |   |   |   |   |    |
|   | <a href="#">WO2015130296</a> | 03.09.2015       | A HIGH-PERFORMANCE DIPOLE ACOUSTIC TRANSMITTER   | A disclosed high-orthogonal. The t includes a reacti shell relative to th spring is coupled while suppressing parallel to the sid electromagnetic ; have mirror symm |   |   |   |   |    |
|   | <a href="#">WO2015130263</a> | 03.09.2015       | PRODUCT LINE OF ABSORBENT ARTICLE  | A product line of an outer cover, a material and the ; handling feature v wearer is sized w relationship with l that passes thro adapted to handk configuration thar |   |   |   |   |    |
|   | <a href="#">WO2015130277</a> | 03.09.2015       | PROTEIN-BASED FIBROUS BRIDGING MATERIAL AND PROCESS AND SYSTEM FOR TREATING A WELLBORE | A bridging materi For example, the process for treati provided. A syste formation is also  |   |   |   |   |    |
|   | <a href="#">WO2015130261</a> | 03.09.2015       | SILICON CHIP WITH REFRACTIVE INDEX GRADIENT FOR OPTICAL COMMUNICATION                  | Technologies per gradient may be l dissociating and ;  |   |   |   |   |    |

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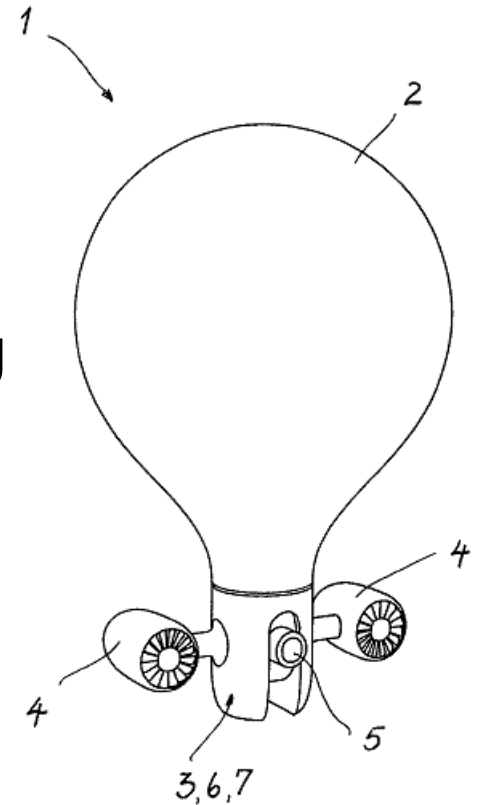
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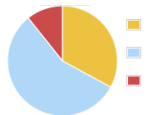
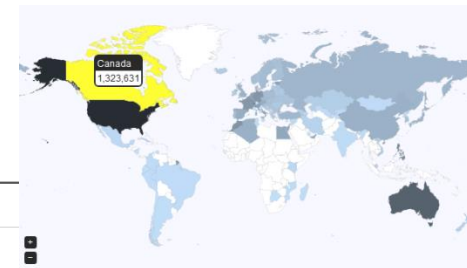
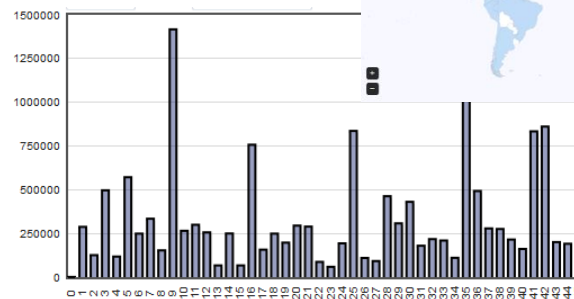
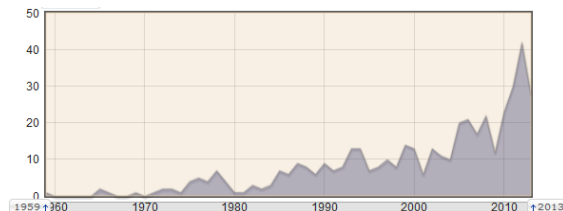
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| <input type="checkbox"/> | Arrowsmith                       | NZ TM  | Pending | 1     | NZ     | ARROWSMITH BRANDS LIMITED   | 1040442 | 2016-04-04 | VC.24.15, VC.26.03 | 45           |       |
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| <input type="checkbox"/> | Raw Blends                       | NZ TM  | Pending | 1     | NZ     | NEW ZEALAND'S PATCH LIMITED | 1040455 | 2016-04-04 |                    | 39           |       |
| <input type="checkbox"/> | ONL                              | NZ TM  | Pending | 1     | NZ     | OCEANIA NATURAL LIMITED     | 1040449 | 2016-04-04 |                    | 3, 5, 30, 32 |       |
| <input type="checkbox"/> | No Verbal Elements               | NZ TM  | Pending | 1     | NZ     | Yun-Yi Wang                 | 1040453 | 2016-04-04 |                    | 3            |       |
| <input type="checkbox"/> | RIDEFAR Extra Virgin Coconut Oil | NZ TM  | Pending | 1     | NZ     | RIDEFAR LIMITED             | 1040445 | 2016-04-04 | VC.05.07           | 29           |       |
| <input type="checkbox"/> | Kiwiadviser                      | NZ TM  | Pending | 1     | NZ     | Yevgen Bidnyy               | 1040447 | 2016-04-04 |                    | 45           |       |

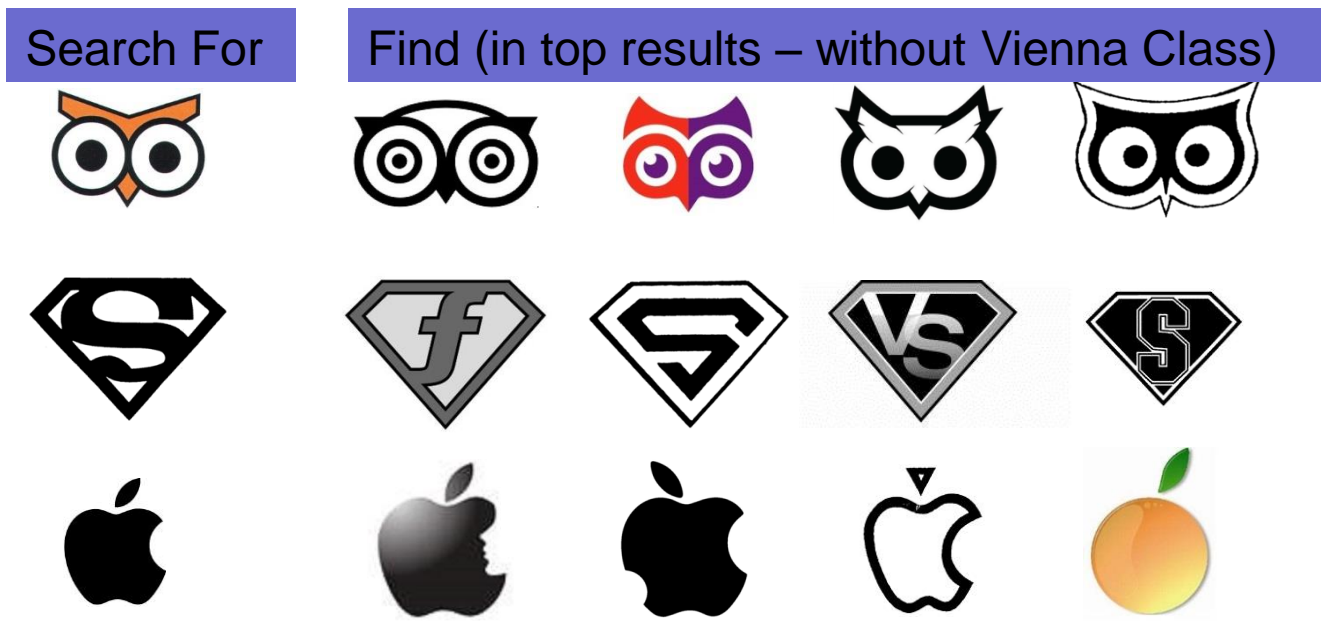
# Global Brand Database – Features

- Single intuitive interface to search 30 data collections
- Image Search by example
- Interactive & dynamic search with immediate feedback
- Fuzzy, phonetic and word-stem matches
- Automatic term suggestion
- Easy search of US or Vienna image class
- Full Boolean, proximity and range options
- Unlimited, customizable results browsing
- Saved searches and record sets
- Instant, graphical data analysis



# IMAGE SEARCH

- Sort your results by their visual similarity to an image you provide
- World's first public trademark database to provide search by image
- Choose the search strategy best suited to your particular mark





# How it works – Looking for logos similar to ‘Arla’

NEWS

## SEARCH BY

Brand Names Numbers Dates Class Country

Text =

Image Class =

Goods (All) ▾ =

- arla
- arlac
- arlacel
- arlatone
- arlamol
- arlasolve
- arlanc
- arlanxeo
- arlan
- arlam

## FILTER BY

Source Image Status Origin App. Date \* Expiration \*

|       |           |       |           |       |           |
|-------|-----------|-------|-----------|-------|-----------|
| AE TM | 39,540    | AU TM | 1,502,367 | BN TM | 38,002    |
| CA TM | 1,448,752 | CH TM | 367,273   | DE TM | 1,846,960 |
| DK TM | 282,597   | DZ TM | 26,187    | EE TM | 56,020    |
| EG TM | 75,567    | EM TM | 1,310,387 | ID TM | 755,518   |
| IL TM | 249,839   | LA TM | 37,007    | JP TM | 1,877,512 |
| KH TM | 69,073    | KR TM | 3,082,279 | MA TM | 135,386   |

Display: List Sort: Value - asc

filter ▾

1 - 30 / 25,034,570

Display: 30 per page options #

1 / 834,486

Sort by Sc

|   |   |   |   |            |                                |                               |                         |          |            |
|---|---|---|---|------------|--------------------------------|-------------------------------|-------------------------|----------|------------|
|  |  |  |  | ArtAndOnly | FASHION WITH A POSITIVE IMPACT | LOOK GOOD, FEEL GOOD, BE GOOD | ingenus Pharmaceuticals | FLAWA    |            |
| HIERBABUEN DELMEDIO MENTHA HEMINGWAY  | KAROKA wellness   | leadxpro  | BIOTOOL   | HN         | BODUM                          | FARAWAVES                     | FIBERNOMICS             | HACHENE  | TOMAIL     |
| BIONIC  | COFFEE SOUL   | MAXI BAZAR  | Q FERMENTATIO   | MET        | BYSTRIC                        | almacasa SELBSTBESTI UMSORGT  | MMS Pulse               | LEADXPRO | medic jobs |

1 - 30 / 25,034,570

Display: 30 per page options #

1 / 834,486

# Global Brand Database

NEWS

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 BY

Brand | Names | Numbers | Dates | Class | Country

Text =

Image Class =

Goods (All) ▾ =

search 🔍

CURRENT SEARCH

BRAND:arla ✖

## FILTER BY

Source | Image | Status | Origin | App. Date \* | Expiration \*

|       |    |       |    |       |    |
|-------|----|-------|----|-------|----|
| AE TM | 4  | AU TM | 8  | BN TM | 0  |
| CA TM | 7  | CH TM | 1  | DE TM | 9  |
| DK TM | 63 | DZ TM | 0  | EE TM | 1  |
| EG TM | 10 | EM TM | 29 | ID TM | 11 |
| IL TM | 14 | LA TM | 4  | JP TM | 0  |
| KH TM | 4  | KR TM | 7  | MA TM | 0  |
| MD TM | 0  | MX TM | 11 | NZ TM | 5  |
| OM TM | 3  | PG TM | 0  | PH TM | 7  |
| SG TM | 24 | TO TM | 0  | US TM | 13 |

Display: List ▾ Sort: Value - asc ▾

filter ▾

31 - 60 / 251

TMview 🔗



Display: 30 ▾ per page

options ⚙

2 / 9

Sort by Origin - asc ▾



ARLA



ARLA



ARLA  
NATURA

ARLA  
WELLNESS



WO TM (Active)  
990596  
Arla  
2008-09-08 (DK)  
Arla Foods amba  
NC: 1, 5, 29, 30, 31, 32



ARLA  
PROTINO



ARLA MINI

31 - 60 / 251



Display: 30 ▾ per page

options ⚙

2 / 9

← back

(Information valid as of 2014-09-09)

## International Trademark



◀ 65 / 158 ▶

990596 - Arla

**(151) Date of the registration**

08.09.2008

**(180) Expected expiration date of the registration/renewal**

08.09.2018

**(270) Language(s) of the application**

English

**(732) Name and address of the holder of the registration**

Arla Foods amba  
Sønderhøj 14  
DK-8260 Viby J (DK)

**(813) Contracting State or Contracting Organization in the territory of which the holder has his domicile**

DK

**(740) Name and address of the representative**

Zacco Denmark A/S  
Hans Bekkevolds Allé 7  
DK-2900 Hellerup (DK)

**(540) Mark**



**(531) International Classification of the Figurative Elements of Marks (Vienna Classification)- VCL (6)**

05.05.20; 26.01.18; 29.01.13

**(591) Information on colors claimed**

Dark green; Yellow



# Using Vienna Class – 05.05.20 (stylized flowers) and 26.01.18 (circles or ellipses containing one or more letters)

## SEARCH BY

Brand | Names | Numbers | Dates | Class | Country

Text =

Image Class =

Goods (All) ▾ =

search 🔍

### CURRENT SEARCH

IC:(05.05.20 AND 26.01.18) \*

## FILTER BY

Source | Image | Status | Origin | App. Date \* | Expiration \*

|       |     |       |     |       |     |
|-------|-----|-------|-----|-------|-----|
| AE TM | 0   | AU TM | 0   | BN TM | 0   |
| CA TM | 159 | CH TM | 0   | DE TM | 128 |
| DK TM | 0   | DZ TM | 17  | EE TM | 13  |
| EG TM | 2   | EM TM | 17  | ID TM | 0   |
| IL TM | 0   | LA TM | 2   | JP TM | 613 |
| KH TM | 48  | KR TM | 181 | MA TM | 0   |
| MD TM | 7   | MX TM | 159 | NZ TM | 45  |
| OM TM | 0   | PG TM | 0   | PH TM | 49  |
| SG TM | 0   | TO TM | 0   | US TM | 0   |

Display: List ▾ Sort: Value - asc ▾

filter ▾

1 - 30 / 1,484

TMview



Display: 30 ▾ per page options ⚙

1 / 50

Sort by Origin - asc ▾



1 - 30 / 1,484



Display: 30 ▾ per page options ⚙

1 / 50



# Using Image Search – drag image from results to image filter

### SEARCH BY

Brand | Names | Numbers | Dates | Class | Country

Text =

Image Class =

Goods (All) ▾ =

**search**

---

CURRENT SEARCH

BRAND: arla ✕

### FILTER BY

Source | Image | Status | Origin | App. Date ✕ | Expiration ✕

**1 Pick an image**

or

drag an image here

**2 Pick a strategy**

Shape

Color

Texture

Composite

**3 Pick an image type**

|           |     |
|-----------|-----|
| Verbal    | 16  |
| Nonverbal | 0   |
| Combined  | 142 |
| Unknown   | 19  |

**filter**

31 - 60 / 251 TMview

Display: 30 per page

Sort by Origin - asc

ARLA

ARLA

ARLA

ARLA NATURA

ARLA WELLNESS

ARLA INSIDE

ARLA PROTINO

ARLA MINI

Display: 30 per page options

2 / 9

Select a search strategy and, optionally, what type of image to look for and all images are sorted by similarity to your source image

Goods (All) =

search ↗

FILTER BY

Source Image Status Origin App. Date \* Expiration \*

Pick an image



delete

Pick a strategy

- Shape
- Color
- Texture
- Composite

Pick an image type

|           |           |
|-----------|-----------|
| Verbal    | 0         |
| Nonverbal | 1,522,717 |
| Combined  | 6,865,315 |
| Unknown   | 0         |

filter ▼

CURRENT FILTER

IMAGE: Shape \* ITY: (Nonverbal Combined) \*

1 - 60 / 8,388,032

TMview ↗

Display: 60 per page

options ⌘

1

/ 139,801

Sort by Score - desc ▼





Combine with Vienna class – or any other terms or filters. The image filter will sort matching records accordingly.

Image Class =

Goods (All) ▾ =

CURRENT SEARCH

FILTER BY


Display:  Sort:

CURRENT FILTER

Sort by



# GLOBAL DATABASES, TOOLS, AND PLATFORMS FOR IP BUSINESS (FREE)

- PATENTSCOPE
- Global Brand Database
-  ■ Global Design Database
- WIPO Lex
- WIPO Pearl
- WIPO IPAS, WIPO DAS
- WIPO CASE
- WIPO RE:SEARCH
- WIPO GREEN

# GLOBAL DESIGN DATABASE

- URL: <http://www.wipo.int/designdb>
- Launched on January, 9<sup>th</sup> 2015.
  
- Free of charge simultaneous design-related searches across multiple collections, including:
  - designs registered under the Hague System
  - national design collections of CA, ES, JP, NZ, US
  - other national collections, including DE, KR and EM coming soon

# 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 ▾ =

search

## FILTER BY

Source | Designation | Locarno Class | Reg. Date ✕

|            |                |            |               |
|------------|----------------|------------|---------------|
| CA Designs | <b>153,343</b> | ES Designs | <b>93,809</b> |
| JP Designs | <b>479,755</b> | NZ Designs | <b>44,187</b> |
| US Designs | <b>483,493</b> | WO Designs | <b>41,016</b> |

Display: List ▾ Sort: Value - asc ▾

filter

1 - 10 / 1,295,603

[edit columns <>](#)

10 per page

1 / 129,561

| <input type="checkbox"/> | Reg. No     | Source | Holder                          | Reg. Dat  | Locarn | Nation: | Ind. Prod.                         | Designations | Designs | Image |
|--------------------------|-------------|--------|---------------------------------|-----------|--------|---------|------------------------------------|--------------|---------|-------|
| <input type="checkbox"/> | ES700000000 | ESID   | ANDRÉS MORENO TORRES            | 2015-08-3 | 11-02  |         | Esculturas                         | ES           | 9       |       |
| <input type="checkbox"/> | ES700000000 | ESID   | SERGIO PESTAÑA CAMACHO          | 2015-08-3 | 02-02  |         | CHALECOS                           | ES           | 4       |       |
| <input type="checkbox"/> | ES700000000 | ESID   | F2WORK TRABAJOS ESPECIALES S.L. | 2015-08-3 | 06-03  |         | Banco de trabajo                   | ES           | 5       |       |
| <input type="checkbox"/> | ES700000000 | ESID   | INNOVACION BAÑO, S.L.           | 2015-08-2 | 23-01  |         | VALVULA DE DESAGÜE PARA SANITARIOS | ES           | 1       |       |
| <input type="checkbox"/> | 157901      | CA ID  | HUSQVARNA AB                    | 2015-08-2 |        | CA.003- | CONNECTOR NUT                      | CA           | 1       |       |
| <input type="checkbox"/> | 150851      | CA ID  | ECO GUTTER IP HOLDINGS PTY LTD. | 2015-08-2 |        | CA.018- | GUTTER SECTION                     | CA           | 1       |       |

# Search by national classification as well as Locarno

## Global Design Database

A world-wide collection of design registrations and information

### SEARCH BY

Design Names Numbers Dates Country

Indication of Products

Design class

Description

waffle

LC.01-01: **Waffles**

LC.07-02: **Waffle** irons

JPC5-41100F: Pots, Grills, Hot Plates - **Waffle** Iron S

US.D07-410: - Warming or cooking - Grid, grille, hol  
- **Waffle**

### FILTER

#### Lookup individual design classes

Class Description = e.g. chair AND rocking, bed\*

Code = e.g. 02-01, 52\*

search

#### Current Search

DESC:"ice cream" \*

clear

1 - 21 / 21

| Description  | Type | Code   |
|--|------|--------|
| Ice cream  | LC   | 01-01  |
| Ice cream cornets [edible]                           | LC   | 01-01  |
| Ice cream goblets                                    | LC   | 07-01  |
| Vessels for making ice cream, non-electric           | LC   | 07-04  |
| Scoops for ice cream                                 | LC   | 07-99  |
| Ice cream cornets [containers]                       | LC   | 09-05  |
| Ice cream drip guards                                | LC   | 09-99  |
| Ice cream sticks                                     | LC   | 09-99  |
| Ice cream cornets (Automatic vending machines for —) | LC   | 20-01  |
| Ice cream freezers, electric                         | LC   | 31-00  |
| Ice Cream Cone Cup                                   | JP   | A1-191 |

← back

◀ 1/2 ▶

## Hague Registration

Current Status **History**

### Designated contracting parties:

**All** EM

### Invalidation: EM: Bulletin No. 41/2012

**(11) Registration Number**

DM/070593

**(73) Name of holder**

LIMITED LIABILITY COMPANY "LOGOS"  
249, Geroev Stalingrada Street, Dnipropetrovsk (UA)

**(81) Designated Contracting Party which pronounced the invalidation, followed by its effective date where that date was communicated to the International Bureau**

EM; 03.05.2012

**(58) Date of recording in the International Register**

11.09.2012

### Statement of Grant of Protection: EM: Bulletin No. 10/2008

**(11) Registration Number**

DM/070593

**(81) Designated Contracting Party which made the notification**

EM

**(58) Date of recording in the International Register**



# GLOBAL DATABASES, TOOLS, AND PLATFORMS FOR IP BUSINESS (FREE)

- PATENTSCOPE
- Global Brand Database
- Global Design Database
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- WIPO Pearl
- WIPO IPAS, WIPO DAS
- WIPO CASE
- WIPO RE:SEARCH
- WIPO GREEN



## 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](#)
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WIPO/WTO/UN Members

Select a Member

- Afghanistan (14)
- Albania (34)
- Algeria (26)
- Andorra (16)
- Angola (22)

Subject Matter

Select a Topic

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WIPO/WTO/UN Members

Select a Member

Afghanistan (14)  
 Albania (34)  
 Algeria (26)  
 Andorra (16)  
 Angola (22)

Subject Matter

Select a Topic

Select a Topic  
 Alternative Dispute Resolution (ADR)  
 Competition  
 Copyright and Related Rights (Neighboring Rights)  
 Domain Names  
 Enforcement of IP and Related Laws  
 Genetic Resources  
 Geographical Indications  
 Industrial Designs  
 Industrial Property  
 IP Regulatory Body  
 Layout Designs of Integrated Circuits  
 Patents (Inventions)  
 Plant Variety Protection  
 Trade Names  
 Trademarks  
 Traditional Cultural Expressions  
 Traditional Knowledge (TK)  
 Transfer of Technology  
 Undisclosed Information (Trade Secrets)  
 Utility Models  
 Other

## News on IP Laws

December 10, 2013 [South Africa: The Intellectual Property Laws](#)  
 shall come into force on a date to be fixed by the Minister of Trade and Industry. The new laws will provide for the protection of indigenous knowledge and to create a legal framework for the protection of indigenous knowledge in South Africa. To that end, it amends the existing intellectual property laws, namely, the [Performers' Rights Act 1993](#) and the [Designs Act 1993](#).

October 18, 2013 [Philippines: The BOT Office Order No. 13-06, Series of 2013, on the Implementation of the Guidelines for Office Order No. 13-061, Series 2013, on Trademark Applications with Priority Right Claim](#), issued by the Bureau of Trademarks (BOT) on October 18, 2013, provides for the guidelines to ensure the accurate implementation of the Office Order No. 13-061, which became effective on May 2, 2013. These guidelines primarily refer to the pending trademark applications at the time the Order became effective, the requirement of a copy of the foreign application as a basis for claiming convention priority, the application of goods and services in the Philippines compulsorily covered by the applications used as basis for claiming convention priority, the national applications where fees are not paid in full, the notice of registration of foreign application to the IP office of the Philippines (the IPOPHL) and the conditions for exemption from conformity to the list of goods and services in the foreign registration for the trademark applications for goods and services in the Philippines.



WORLD INTELLECTUAL PROPERTY ORGANIZATION

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IP Legislation

Treaties

Full Text Search

WIPO/WTO/UN Members

- Indonesia (34)
- Iran (Islamic Republic of) (30)
- Iraq (63)
- Ireland (148)
- Israel (67)
- Italy (162)**

Subject Matter

Select a Topic

Search WIPO Lex

Reset

## Italy (162 texts)

**Quick Access:** [Laws \(102 texts\)](#) | [Implementing Rules/Regulations \(25 texts\)](#) |

[Geographical Indications \(34 texts\)](#) | [Treaty Approvals \(1 texts\)](#) | [Treaty Membership \(95 texts\)](#) |

[Relevant links](#)



### Laws


#### Constitution / Basic Law (Date of current version)

- [Constitution of the Republic of Italy \(2012\)](#)

#### Main IP Laws: enacted by the Legislature (Date of current version)

- [Industrial Property Code \(Legislative Decree No. 30 of February 10, 2005, as amended up to Decree-Law No. 1 of January 24, 2012, converted into law with changes by Law No. 27 of March 24, 2012\) \(2012\)](#)
- [Law No. 633 of April 22, 1941, for the Protection of Copyright and Neighboring Rights \(as amended up to Decree-law No. 64 of April 30, 2010\) \(2010\)](#)
- [Legislative Decree No. 219 of April 24, 2006 on the Implementation of Directive 2001/83/EC \(& Subsequent Amending Directives\) on the Community Code on Medicinal Products for Human Use, and the Directive 2003/94/EC \(2006\)](#)
- [Law No. 109 of June 25, 2005 Conversion into Law, with Amendments of the Decree-Law No. 63 of April 26, 2005 Containing Urgent Provisions for the Development & Territorial Cohesion, as well as for the Protection of Copyright. Provisions Concerning the Adoption of Single Texts on Compulsory & Supplementary Insurance \(2005\)](#)
- [Legislative Decree No. 224 of July 8, 2003 Implementation of Directive 2001/18/EC on the Deliberate Release of Genetically Modified Organisms \(2003\)](#)
- [Regional Act No.11 of 2002 on Protection of Autochthonous Genetic Resources of Agricultural Interest \(2002\)](#)
- [Legislative Decree No. 204 of March 15, 1996 on Amendments and Additions to Legislative Decree No. 685 of 16 November, 1994 concerning Right of Lease and other Copyright-Related Rights \(1996\)](#)

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- WIPO GREEN



# IPAS AND DAS

- IPAS (IP office Administration System) used by 60 IPOs
  - A WIPO software enabling small IPOs to electronically process patent, trademark, design applications
- DAS (Digital Access System) used by 11 IPOs
  - A System that allows IPOs and applicants to securely exchange or submit a digital copy of priority documents to multiple IPOs

# GLOBAL DATABASES, TOOLS, AND PLATFORMS FOR IP BUSINESS (FREE)

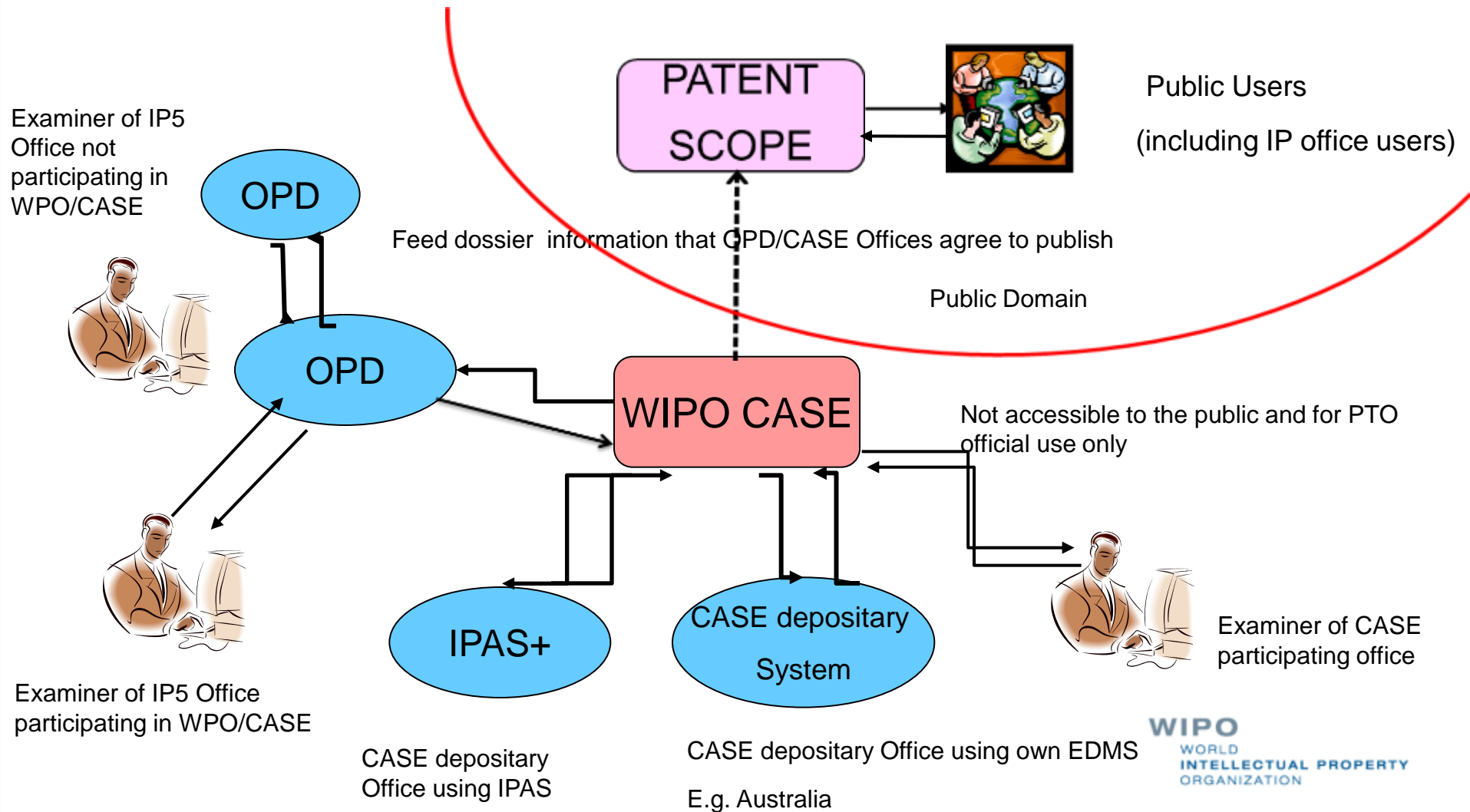
- PATENTSCOPE
- Global Brand Database
- Global Design Database
- WIPO Lex
- WIPO Pearl
- WIPO IPAS, WIPO DAS
-  ■ WIPO CASE
- WIPO RE:SEARCH
- WIPO GREEN

# WIPO CASE

- “Centralized Access to Search and Examination Reports”
- Started with an initiative of IP Australia and the Vancouver Group (AU, CA, UK)
- Online patent work-sharing platform for patent examiners worldwide—secure sharing search and examination documentation
- IPOs can enhance quality and efficiency of patent examination
- CASE will be linked to Open Portal Dossier of IP5 to become the Global Portal Dossier

| Country        | Office  | Accessing Office | Depositing Office | Operational  | Notification  |
|----------------|---|------------------|-------------------|--------------|---|
| Australia      | IP Australia  | Yes              | Yes               | Yes          | Notification by IP Australia (May 27, 2013)   |
| Canada         | Canadian Intellectual Property Office                     | Yes              | Yes               | Yes          | Notification by CIPO (June 25, 2013)  |
| China          | State Intellectual Property Office of China               | Yes              | Yes               | Planned 2014 | Notification by SIPO (November 2013)  |
| Israel         | Israel Patent Office                                      | Yes              | Yes               | Planned 2014 | Notification by ILPO (December 4, 2013)   |
| Malaysia       | Intellectual Property Corporation of Malaysia (MyIPO)     | Yes              | No                | Yes          | Notification by MyIPO - June 2, 2014  |
| Mongolia       | Intellectual Property Office of Mongolia (IPOM)           | Yes              | No                | Yes          | Following the request from IPOM in August 2013 and the review by the WIPO CASE Consultative Group, Mongolia is operating as an accessing office |
| New Zealand    | Intellectual Property Office of New Zealand               | Yes              | No                | Yes          | Currently operating under a bilateral agreement with WIPO.  |
| Philippines    | Intellectual Property Office of the Philippines (IPOP HL) | Yes              | No                | Yes          | Notification by IPOP HL (July 21, 2014)   |
| Singapore      | Intellectual Property Office of Singapore                 | Yes              | No                | Yes          | Following the request of IPOS in July 2013 and the review by the WIPO CASE Consultative Group, Singapore is operating as an accessing office.   |
| United Kingdom | The UK Patent Office                                      | Yes              | Yes               | Yes          | Notification by UK Patent Office (May 3, 2013)  |
| Viet Nam       | National Office of Intellectual Property (NOIP)           | Yes              | No                | Yes          | Following the request from NOIP in August 2013 and the review by the WIPO CASE Consultative Group, Vietnam is operating as an accessing office  |

# GLOBAL DOSSIER PLATFORM (WIPO-CASE, OPD AND PATENTSCOPE)



# GLOBAL DATABASES, TOOLS, AND PLATFORMS FOR IP BUSINESS (FREE)

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- Global Brand Database
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- WIPO IPAS, WIPO DAS
- WIPO CASE
- WIPO RE:SEARCH
- WIPO GREEN



## ■ Broad aims:

- Match-making for technology transfer and collaborations
- Reduce transaction costs
- Build on comparative advantages of multi-stakeholder approaches
- Demonstrate practical means for the global policy issues

## ■ Based on the recognition that:

- Users want access to technologies, not just patent rights
- Collaboration (e.g. training) is crucial to tech transfer



- A Global Database and Platform to bridge partners to use IP (including know-how and data) to facilitate R&D on neglected tropical diseases, tuberculosis, and malaria.
- Royalty-free for R&D, manufacture and sale in LDCs
- Over 90 partners (pharmaceutical industry, research institutes such as NIH, Universities)
- As of June 2015, 89 collaborations



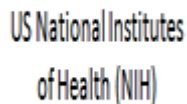
# WIPO RE:SEARCH

Sharing Innovation in the Fight Against Neglected Tropical Diseases

Get involved:

- As a user
- As a provider
- As a supporter

(Adhere to Guiding principles, contact email:  
[re\\_search@wipo.int](mailto:re_search@wipo.int))



...

# WIPO GREEN

- A global database allowing users to make green technologies available for licensing or partnership, enter technology needs, search for technologies and needs
- Started a pilot with Japan Intellectual Property Association in 2011
- Launched in November 2013
- as of September 2015, over 1800 offers
- Green tech providing companies in Germany, Japan, US etc.
- Partners include companies, universities, UN agencies, governments, IPOs, NGOs, etc.

# Partners of WIPO GREEN





[www.wipo.int/green](http://www.wipo.int/green)

[About WIPO GREEN](#)[WIPO GREEN Network](#)[WIPO GREEN Database](#)

WIPO GREEN is an interactive marketplace that promotes innovation and diffusion of green technologies. Use our database and network to connect with technology and service providers, or advertise your needs.

## WIPO GREEN database

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

[Needs](#)[Technologies](#)[All technical fields](#)

# Six Areas of Green Technology Markets



Administrative,  
regulatory  
or design aspects



Agriculture /  
Forestry



Alternative energy  
production



Energy  
conservation



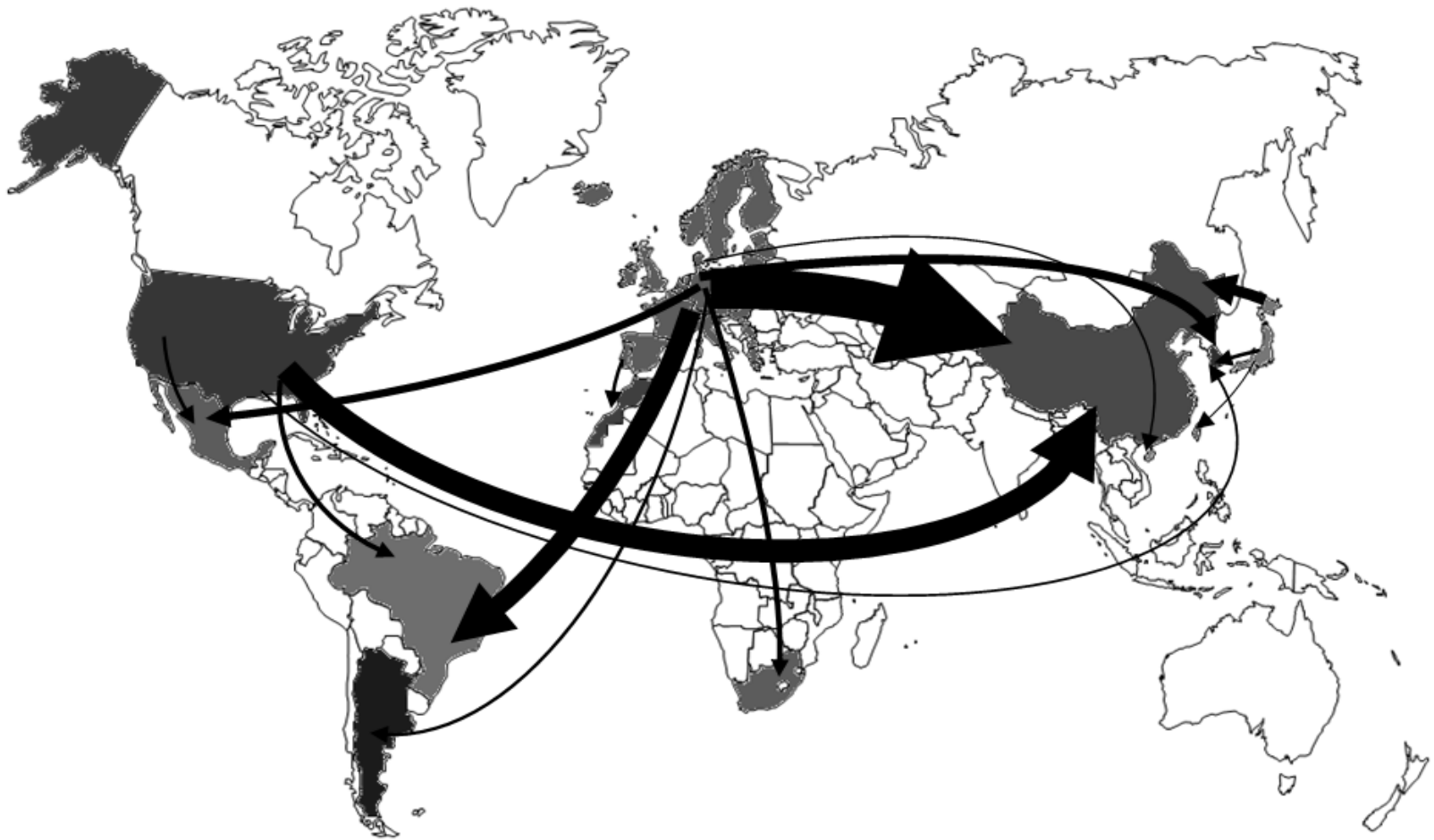
Transportation



Waste  
management



# The Challenge



International Transfer of wind power technology, 1988-2007,

OECD 2010

# Get Involved

- Become a Partner and shape the further development of WIPO GREEN
- Register to:
  - communicate your green innovation and technology needs
  - advertise your inventions, technologies, products and services
  - connect with the innovation and business communities globally

Thank you for your attention