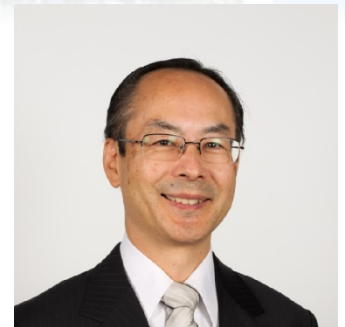


FICPI 15th Open Forum in Barcelona

Plenary; “The future belongs to those who prepare for it today”



- Yo Takagi, Assistant Director General, Global Infrastructure Sector, WIPO



Global Infrastructure and Enhanced Electronic Facilities; Benefits to Stakeholders

■ For Innovators/IP Professionals/Business/Research:

➤ IP intelligence

- Is it worthwhile to protect my innovation? Is there any similar brand? Who are potential competitors?

➤ Partnering

- who may be interested in my innovation? Who can provide me with a chance to produce/market new things as a partner?

■ For IP Offices:

➤ Providing digital workflow and online environment

- Efficiency and timeliness with quality service

Background: Patent Information

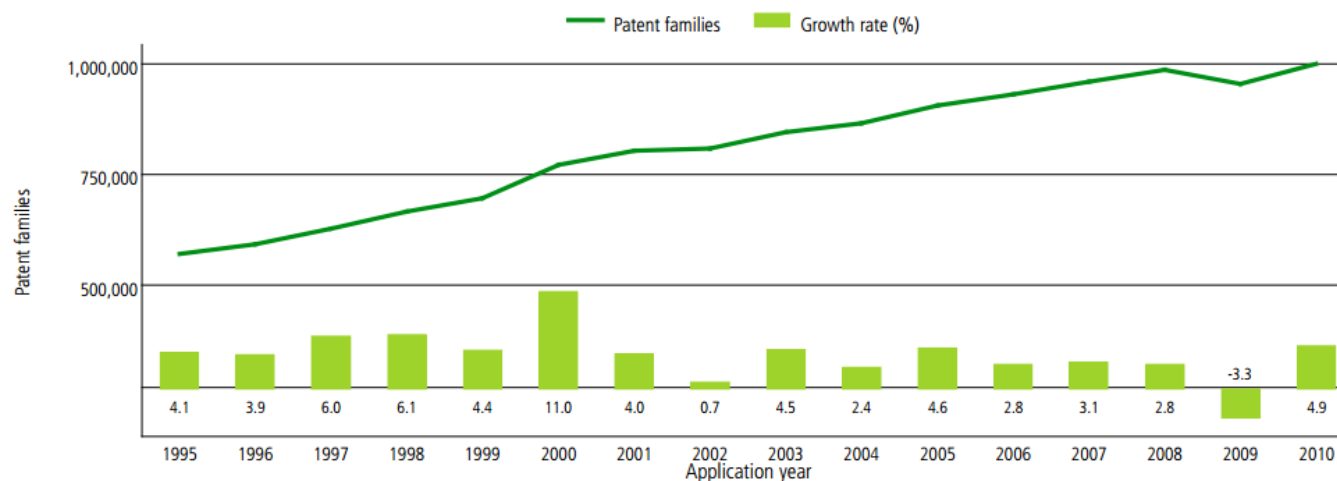
- More patent applications (& families) are filed in multiple countries
- More non-resident applications are filed
- More foreign applications filed in Asian languages (Chinese, Korean and Japanese)
- Prior art search needs to cover global patent data
- PCT (international publications) accounts for more than 50% of non-resident applications

Patent families grow

SECTION A

PATENTS, UTILITY MODELS AND MICROORGANISMS

Figure A.4.1 Trend in patent families

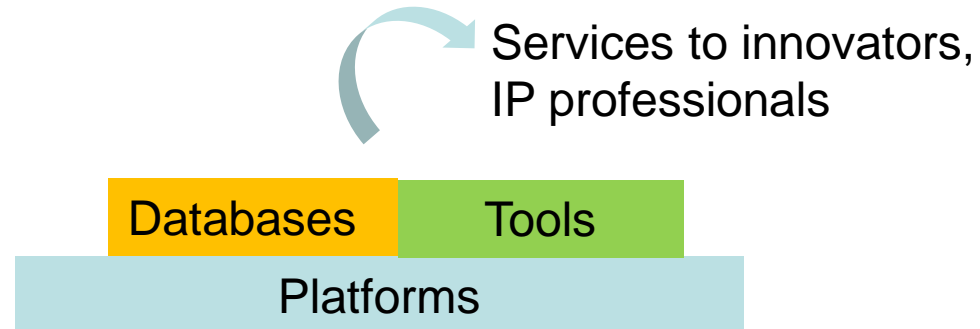


Note: The patent family dataset includes only published patent applications. "Patent family" is defined as a set of patent applications interlinked by – or by a combination of – priority claim, PCT national phase entry, continuation, continuation-in-part, addition or division. "Foreign-oriented patent family" is defined as a patent family having at least one filing office that is different from the office of the first-named applicant's country of origin.

Overview: Patent-related Platforms, Databases, Tools and Services



- Databases
- Tools (software, classifications, standards)
- Services
- Platforms



WIPO Patent-related Databases

- PATENTSCOPE (national/regional patents plus PCT)
- Match-making Databases (WIPO GREEN, WIPO RE:SEARCH)

PATENTSCOPE

- 2.7 million PCT applications (published every week, high quality full text)
- 37 million records from 34 countries and 3 regions
- Full text data from 18 countries or regions
- 10,000 page views per hour
- Analyze results by graphs and charts
- Search and read in your language
- Dossier information included

WIPO Match-making Databases

- WIPO facilitates certain Public-Private Partnerships by providing databases for match-making between technology suppliers and beneficiaries
 - WIPO RE:SEARCH (formed in 2011 by the world's leading pharmaceutical companies, BIO Ventures for Global Health and WIPO to provide access to IP for pharmaceutical compounds, technologies, know-how and data available for R&D for neglected tropical diseases, tuberculosis, and malaria)
 - WIPO GREEN (created in 2013 by WIPO and project partners to facilitate transfer of green technology)

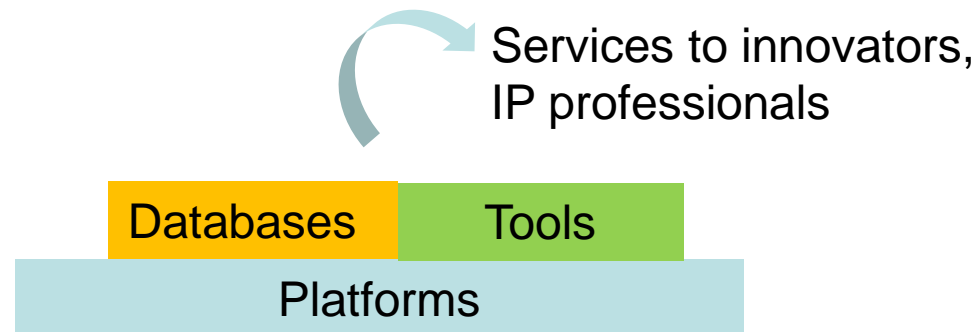
Overview: Patent-related Platforms, Databases, Tools and Services

■ Databases

➔ ■ Tools (software, classifications, standards)

■ Services

■ Platforms



IPAS

- WIPO software enabling small IPOs to electronically process patent, trademark, design applications
- About 60 IPOs use IPAS and its family of software modules as of October of 2014
- In 2014, a new sustainable support system is being tested (Helpdesk, local experts, transfer of knowledge by workshops)

WIPO patent prosecution software tools

- WIPOScan (WIPO software for scanning paper applications and generating standardized data for IPAS and data exchange with other IPOs and WIPO IB)
- WIPO Publication Server (New; designed to meet all needs for online publication of IP data, documents, legal status and file information, as well as all data exchange needs (including data exchange for WIPO global databases). Pilot in 2-3 offices in 2014.

WIPO software tools for applicants

- WIPO File (New; designed to provide a simple e-filing solution for small/medium-sized offices. Pilot with Indonesia in 2014)
- WIPO DAS (Digital Access System)

DAS

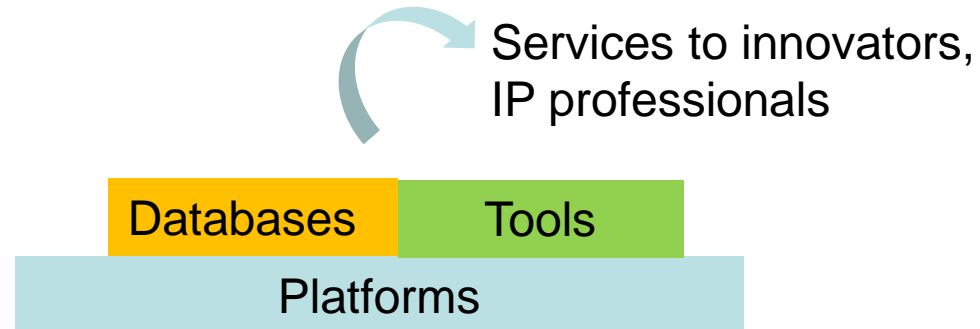
- WIPO's electronic system allowing priority documents and similar documents to be securely exchanged between IPOs at the request of an applicant
- DAS allows applicants to simply request the first office (Office of First Filing) to make priority documents available to the system and then to request other offices to retrieve the documents via the service
- DAS deals with priority documents for patents and utility models; potentially usable also for industrial designs and trademark procedures
- 10 IPOs use DAS; Australia, Denmark, China, Spain, Finland, UK, Japan, Republic of Korea, Sweden, US and WIPO IB (EPO's participation in 2015 was confirmed)

Other WIPO Tools: classifications and standards

- Patent Classification (IPC) – coordination with IP5 for consistency between IPC and CPC
- WIPO Standards developed by Committee of WIPO Standards – the latest achievements are XML standards for all IP rights, and XML-based nucleotide amino acid sequence listing (enable IPOs to search codes)

Overview: Patent-related Platforms, Databases, Tools and Services

- Databases
- Tools (software, classifications, standards)
- ➔ ■ Services
- Platforms



WIPO's Services for greater access to patent information

- TISCs (Technology Innovation Support Centers)
- ARDI and ASPI
- ICE and WPIS

Services of TISC



■ Core services

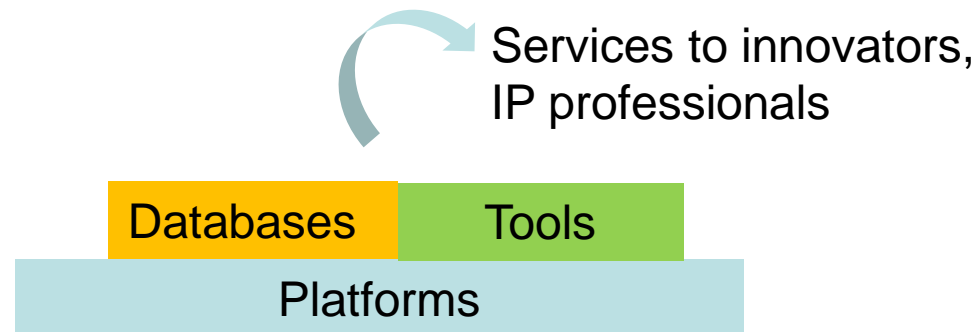
- access to patent and non-patent databases
- assistance in using databases

■ Additional services (based on user need and office capacity)

- technology search services
- patent analytical services
- awareness-raising and training services

Overview: Patent-related Platforms, Databases, Tools and Services

- Databases
- Tools (software, classifications, standards)
- Services
- ➔ ■ Platforms



Advantages of Multilateral Platforms

- Enhanced transparency (for applicants, IPOs and the public)
- Enhanced accuracy and quality of data (searchable)
- Easy to access (a single point of reference and browser-based navigation)
- Easy to exchange data (standardized format and protocol), facilitating international cooperation
- Simpler and more coherent than a bundle of bilateral channels
- Voluntary with national sovereignty intact

WIPO CASE

- Centralized Access to Search and Examination
- Initiated by Vancouver Group (Australia, Canada, UK)
- WIPO created a technical platform in 2011
- Objective: enable IPOs to securely share search and examination documentation related to patent applications (dossier information) in order to facilitate work sharing
- Since March 2013, any patent office may join the system by notifying the IB of its wish to participate according to *the Framework provisions of CASE*
- Two categories of participants
 - Depositing/Providing Office (provide S&E results with patent family data – active participation)
 - Accessing Office (provide only patent family data to be given access to CASE data – passive participation)

WIPO CASE – Members

Participating Offices:

- Australia
- Canada
- China
- Israel
- Japan
- Malaysia** (accessing)
- Mongolia (accessing)
- New Zealand (accessing)
- PCT/IB (depositing)
- Singapore** (accessing)
- UK
- Vietnam** (accessing)

Possible Future Members:

- ASEAN (individually or as a group)
- India
- Other European offices

WIPO CASE Search Function

- For accessing offices, the system provides a web-based interface with simple functions:
 - Search by patent number and retrieve simple results or a list of patent family members.
 - View bibliographic data, citation data (if available) and lists of documents available for each patent record.
 - View and/or download the available documents.
 - Subscribe to notifications of updates to a given patent record

WIPO CASE Examiners Portal

The screenshot shows the WIPO CASE Examiners Portal interface. The browser address bar indicates the URL is localhost:9090/CaseWeb/dashboard. The page header includes the WIPO logo and navigation links for Contact Us, Sign in, and English. The main navigation bar has tabs for Home, Reference, and WIPO CASE.

Annotation 1: Search bar with 'Application Number' selected and 'IL141429' entered. The search button is labeled 'Search'.

Annotation 2: Tab for 'IL141429'.

Annotation 3: Metadata section showing details for (10) Pub No: IL141429, (21) Application No: IL141429, (43) Publication Date: 31-10-2013, (22) Filing Date: 14-02-2001, (26) Pub Language: EN, (25) Filing Language: EN, (71) Applicant(s): REID W. VON BORSTEL; WELLSTAT THERAPEUTICS CORPORATION; (72) Inventor(s): REID W. VON BORSTEL; (51) IPC: A61B 10/00A61K 31/706A61K 31/7068A61P 21/00A61P 25/00C07H 19/10C12P 17/112, (31) Priority Details: US 09/144096 (31-08-1998), and (54) Title: (EN) COMPOSITIONS CONTAINING URIDINE OR AN ACYL DERIVATIVE THEREOF FOR TREATMENT OF MITOCHONDRIAL DISEASES.

Annotation 4: Document list table with columns: Document Name, Legal Date, Pages, Size, and Action.

Document Name	Legal Date	Pages	Size	Action
Claims	2013-11-03	5	0.19MB	[Icons]
Description	2013-11-03	51	2.16MB	[Icons]

Annotation 5: Document viewer showing 'Document : Claims (2013-11-03)' with a list of claims and a family tree diagram.

Annotation 6: Time Line and Citations section. The Time Line shows a sequence of events from 1997 to 2004, including US09/144096, PCT/US/1999/019725, and IL141429. The Citations section shows a list of cited documents.

Application Number	Cited documents (Claims)	Sort By :	Country:	Category X:	Category Y:	Category X+Y:
AU 2007300532 (24-09-2007)	X WO 2005/110399 (1, 2, 4-6, 14 & 16)	Y DE 2009/012005 (15 & 16)	A JP 2005-100005 (1-16)			
AU 2007301555 (14-09-2010)	X CA 2677209 (1, 2, 4-6, 14 & 16)	X US 2001/018045 (15 & 16)	Y GB 2454145 (1-16)			
US 60/105,456 (24-09-2007)	X GB 2547892 (1, 2, 4-6, 14 & 16)	Y CA 2769479 (15 & 16)	A WO 2006/026260 (1-16)			

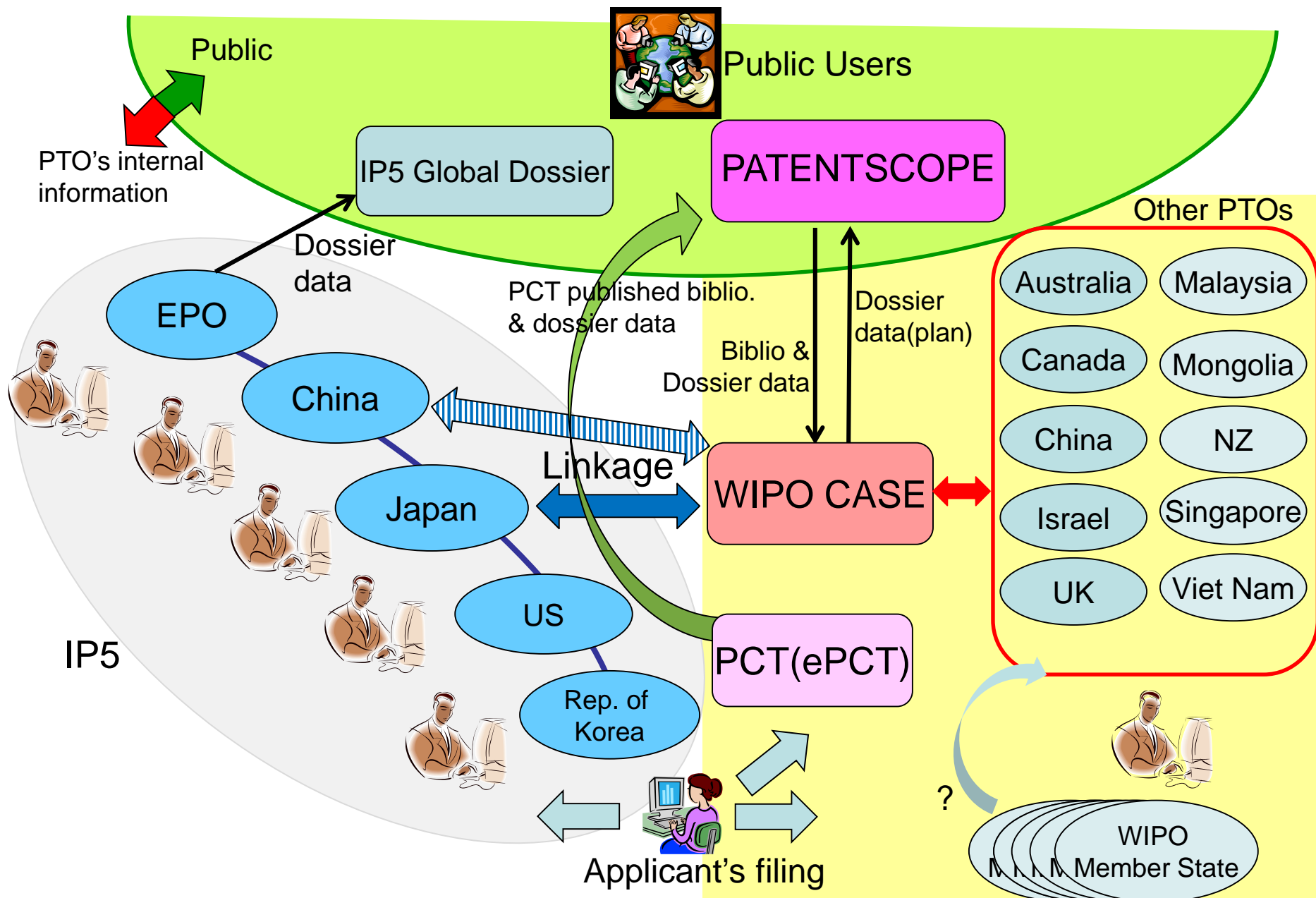
Connell J et al. Detection and tracking in the IBM peoplevision system...More..

1. Search
2. Tabs for patent family members
3. Biblio data
4. Documents list
5. Document viewer
6. Patent family and citations

WIPO-JPO project for a linkage between CASE and JPO OPD

- To allow WIPO Member States to access JPO OPD, a pilot project was successfully completed with a linkage between CASE and JPO OPD in April 2014
- Through the linkage CASE members can access JPO dossier information
- WIPO invited other IP5 offices to open a similar linkage between CASE and their OPD when they are ready
- WIPO Member States benefit from dossier information in facilitating their prosecution of patent family applications originating in IP5

WIPO CASE and Global Dossier Databases/Platforms



Conclusion

- WIPO Global Databases and Platforms will promote/are promoting global partnerships among multiple stakeholders
- Databases, Tools, Services and Platforms need to be easy to search, up to date, interactive/dynamic, multilingual, and robust
- WIPO is helping to establish critical elements of global IP infrastructure, tools and services necessary so that innovators, patent professionals and IP Offices in all countries can derive maximum benefit from the global IP system
- Enhanced networks and digital databases generate IP intelligence