

Introduction to the Patent Documentation Group

Minoo Philipp

President Patent Documentation Group

www.p-d-g.org

minoo.philipp@henkel.com

WIPO Regional Conference on Technology and Innovation Support

Moscow, November 30 to December 1, 2010

PDG 1957 - 2010

Patents are a very important source of technical information

- **Need for abstracts of patent information**
- **Need for patent family and legal status information**
- **Need for searching patent information**
- **Need for reliable and up-to date information**

PDG 1957 - 2010

PDG Companies united to share the burden of work

- **Abstracting patent documents**
- **Finding equivalents and making 'patent families'**
- **Distributing the information between companies**
- **Developing common indexing system**

Purpose and Objectives

- Cooperation in patent information and documentation
- Exchange knowledge and experience in all areas relating to patent information
- Debate, discuss and stimulate improvements and new developments in patent information products
- Determine and communicate proposals to third parties involved in the field of intellectual property

History

- 1957 The PDG was founded as a working group by 13 European chemical and petrochemical companies to share the burden of preparing patent abstracts and indexing the content
- 1960 Successful work expanded to include patent information management
- 1970 Focus changed to online retrieval and networks
- 1980 Activities also cover impact of patent laws on patent information and documentation
- 2007 50th Anniversary Celebration
- 2010 39 members from 8 countries and major industrial sectors

Milestones

- 1969 PDG became a registered association
- 1970 Abstracting of patent specifications discontinued by PDG due to availability of the Derwent Service
- 1976 First PDG official Working Group established - Networks and Online Retrieval
- 1980 Working Group IMPACT established
- 1984 PDG Statutes amended to enable non-chemical/oil companies to join the PDG

PDG Corporate Members

Agfa Graphics

Akzo Nobel

Alcan

AstraZeneca

BASF

Bayer

Beiersdorf

BMS

Boehringer Ingelheim

BP International

Clariant International

Cytec

DSM

Eli Lilly

Evonik

F. Hoffmann-La Roche

General Electric

GlaxoSmithKline

Henkel

IFP

Lanxess

L'Oreal

LyondellBasell

Merck KGaA

MSD

Nestec

Novartis

Pfizer

Philips

Procter & Gamble

Robert Bosch

Sanofi-Aventis

Shell International

SIEMENS

Solvay

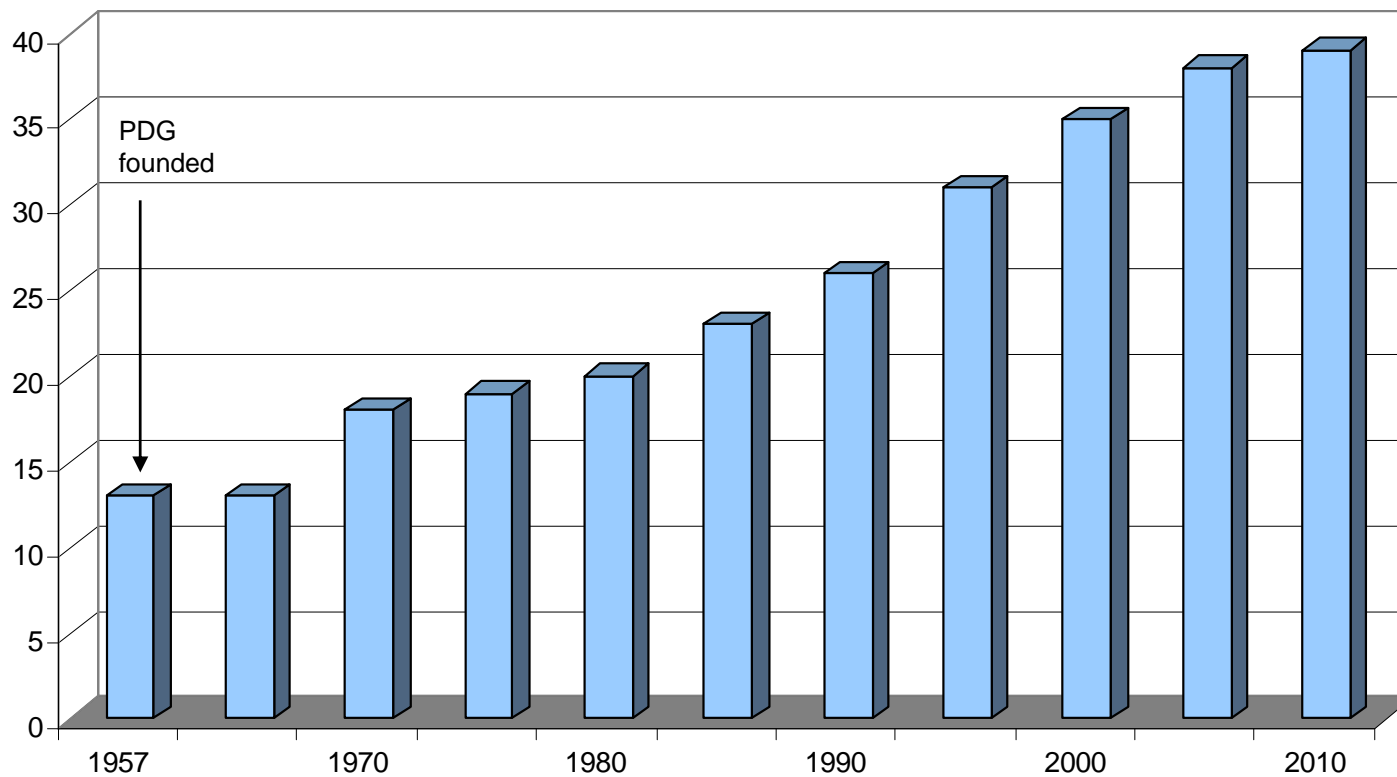
Syngenta

Total Research

Unilever

Volvo

Membership Development



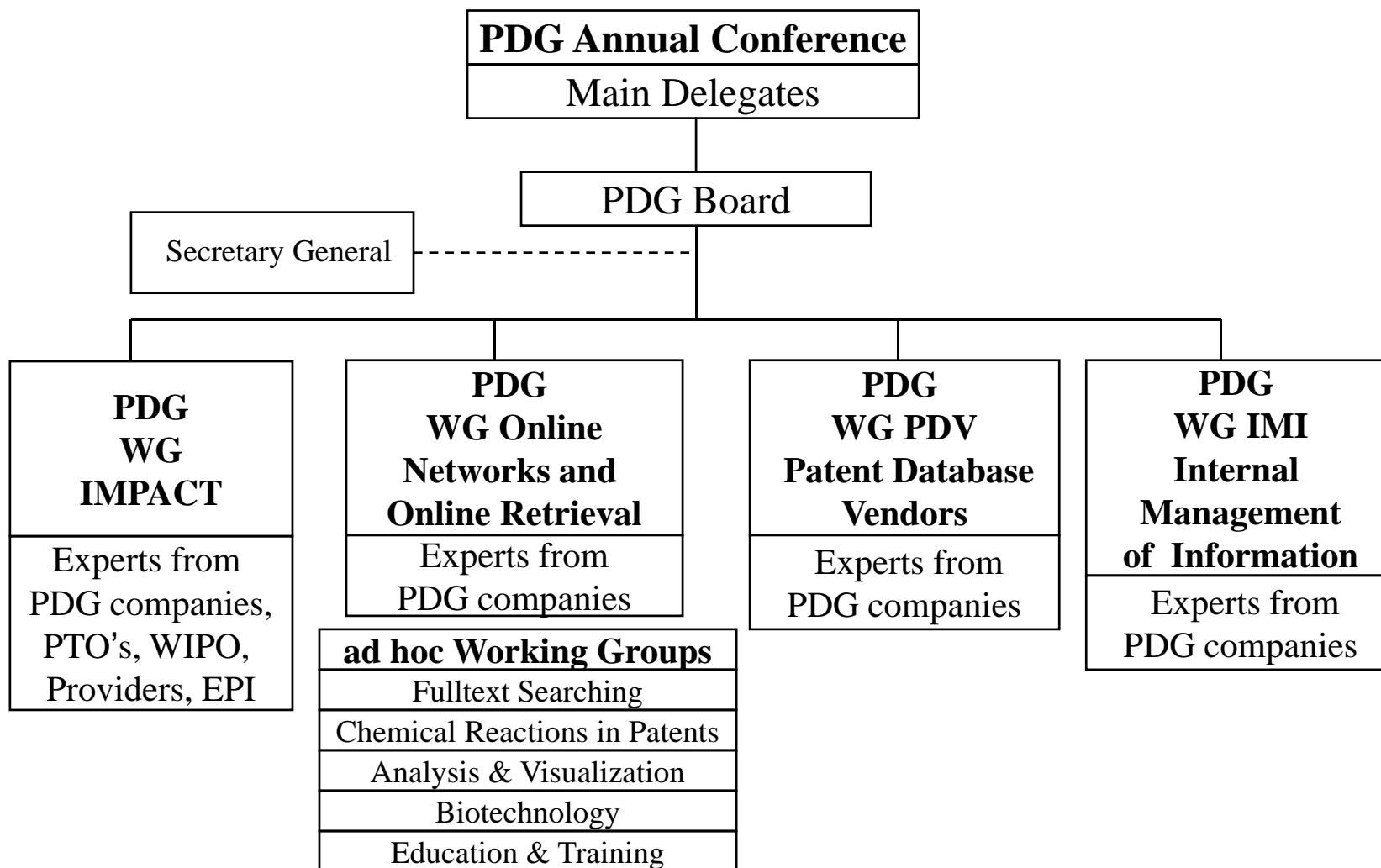
Four PDG companies are top PCT applicants

2009 Ranking	Applicant's name
1	PANASONIC CORPORATION
2	HUAWEI TECHNOLOGIES CO., LTD.
3	ROBERT BOSCH GMBH
4	KONINKLIJKE PHILIPS ELECTRONICS N.V.
5	QUALCOMM INCORPORATED
6	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
7	LG ELECTRONICS INC.
8	NEC CORPORATION
9	TOYOTA JIDOSHA KABUSHIKI KAISHA
10	SHARP KABUSHIKI KAISHA
11	SIEMENS AKTIENGESELLSCHAFT
12	FUJITSU LIMITED
13	BASF SE
14	3M INNOVATIVE PROPERTIES COMPANY
15	NOKIA CORPORATION
16	MICROSOFT CORPORATION
17	SAMSUNG ELECTRONICS CO., LTD.
18	NXP B.V.
19	mitsubishi electric corporation
20	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

Membership

- Membership is by invitation
- Open to companies actively engaged in industrial R & D
- Members are significant players in their own industrial sector and have a major presence in Europe
- Members have an active patent and / or patent information department and have professional staff engaged in patent and information activities
- Members are expected to participate actively in at least one of the PDG Working Groups and other activities

PDG-Organisation



PDG WG ONLINE

Mission

- Exchange of knowledge and experience in fields of electronic patent information
- Maintain close contacts with database producers and suppliers (Derwent, CAS, STN, Questel-Orbit, Dialog etc)
- Encourage and assist information providers to improve the quality of patent information products

PDG WG IMPACT

Mission

- To ascertain the effect of changes in patent laws on patent information

This WG maintains close contacts with WIPO, EPO, the National Patent Offices and commercial vendors

They deal with:

- How to react to changes
- Weaknesses in publication process
- How to smooth out irregularities
- User-friendly new procedures and tools

Major Achievements

- Significant improvements in database content and functionality
- Introduction of Markush chemical structure searching
- Availability of fulltext patent databases
- Launch of patent citation databases
- Introduction of Left Hand Truncation
- Dictionaries / Lexica online
- Legal status databases

Major Achievements

- Availability of software tools for post processing and patent analysis
- Introduction of systematic correction procedures at patent offices and vendors
- Extension of data coverage in Inpadoc
- PCT cases entering national/regional phases
- SPC data: availability and implementation
- Publications available on the internet

External Activities

- Close working cooperation with patent offices
- PDG has an observer status in WIPO meetings
- Sub advisory committee before the EPO (SACEPO/PDI)
- Cooperation in several committees and working parties (SCIT, IPC)

Ongoing challenges

- The economic impact of IP is becoming more and more important.
- Need for accurate indexing and abstracts of patent information which truly reflect the actual content
- Need to be able to retrieve specific information located in patents
- Need for reliable and up-to-date patent information in a language we can understand
- Need for reliable and comprehensive patent family and legal status information

Some challenges for the near future

- Maintain our strong relationship with our information providers
- Continue to strive for a fair partnership between the suppliers and the users
- Deal with the problem of subscription fees and the rising costs of value added information
- Cope with the dramatic growth in patent filings from South East Asia
- Need for English translations of non-English language Patents
- Education of patent information searchers
- Qualification for professional patent information specialists

Advantages of Membership in the Patent Documentation Group

- The PDG is a highly respected and dedicated industrial association committed to the advancement of Intellectual Property Information
- The group supports and encourages the information providers and in particular patent information providers to develop new products and to improve their existing systems and services
- The PDG Members meet regularly with information providers and patent offices to initiate, discuss and advice on strategic issues
- The PDG works closely with the EPO and the national patent offices and has an observer status at the (World Intellectual Property Organization) WIPO
- PDG Membership provides the opportunity for exchange of knowledge, experience and ideas for those working in the information industry

Advantages of Membership in the Patent Documentation Group

- Member organizations stem from a wide range of technology areas and are often amongst the leaders in their fields, conducting extensive R&D work
- Member organizations are actively using patent information and possess a large patent portfolio
- PDG Members benefit from participation in the activities of the PDG's Working Groups such as the Online or the IMPACT Working Groups or by attending the PDG's Annual Members' Conference
- The PDG is represented in a wide range of publishers' and other important advisory boards relating to patent information, including major conferences
- The PDG liaises closely with other industrial information user groups such as CEPIUG, P-D-R, PIUG, WON etc.

Thank you for your attention

Annual Members` Conference

- Authority to decide on official matters concerning the internal organisation of the PDG
- Decides on the policy of the PDG with respect to the interaction with information providers, international and national patent offices

PDG Board

- Executive Authority of the PDG
- 5 to 9 members
- Elected by the Annual Members' Conference

Tasks of the Board:

- Implement decisions of Main Delegates made at AMC
- Define and lead the course of action for the PDG
- Elect President and Vice President
- Appoint and supervise the Secretary General

PDG WG ONLINE

Actively involved in:

- Monitoring quality, timeliness and correctness of data in patent databases
- Assessing chemical structure searching capabilities
- Checking database content and search features
- Studying the application of software tools in patent information retrieval
- Evaluating post processing and statistical analysis tools

PDG WG IMPACT

Actively involved in:

- Impact of patent laws on information
- Quality management at patent offices and vendors
- Standardisation procedures
- Patent information policy
- Closely involved in the implementation of the new IPC Reform