

# Inter-WIPO REGIONAL WORKSHOP ON PATENT ANALYTICS IN MANILA, PHILIPPINES FROM DECEMBER 4 TO 6.2013

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<http://www.noip.gov.vn>

Philippine , December 04 and 06, 2013

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**II. Patent Landscape Analytics of noip**

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# I. General information of NOIP

- **Post and responsibility:**

- *NOIP is an agency under the Ministry of Science and Technology (MOST), assuming the functions of exercising the state management and ensuring service providing activities in the field of Intellectual property.*

- *NOIP established in 29 Jul. 1982 and has its headquarter in capital Hanoi and have two branch offices in Da nang and Ho Chi Minh city.*

- **Outline of Organization:**

- *Name: National Office of Intellectual Property*

- *Name of the representative: Mr. Ta Quang Minh*

- *Address: 386 Nguyen Trai street, Hanoi, Vietnam*

- *E-mail: [nguyenvanminh@noip.gov.vn](mailto:nguyenvanminh@noip.gov.vn)*

- *Homepage: <http://www.noip.gov.vn>*

- *Number of staffs: ~ 300 persons*

- *Supervisory ministry: Ministry of Science and Technology (**MOST**)*



## Organizational Chart of the National Office of Intellectual Property of Viet Nam (NOIP)



## II. Activity patent Analytics of noip

A patent landscape analysis will help you to identify the following:

- \* The innovative focus of companies, industries and countries
- \* Technology
- \* Technology leaders and their IP strategies
- \* Technological positioning of companies and their chronological changes
- \* Unique selling points of companies
- \* Strengths and weaknesses of patent portfolios



A patent landscape analysis will help you to gain an overview of a technology sector, your competitors or chronological developments in a field of technology. In addition, it can also help you to better evaluate the economic value of a patent portfolio

# National Policies in VietNam (1)

**Policies on IP (Article 8, IP Law):**

**To encourage & promote activities of creation and utilization of IP assets in order to contribute to the socio-economic development...;**

**To provide financial supports to IP licensees and for IP exploitation for public interests; ...**

**To prioritize investment in training & building capacity of public servants & other engaged in the IP protection;...**

## National Policy in VietNam (2)

Policies on technology transfer

(Article 5 Technology Transfer Law):

To strongly develop technology market;

To encourage & promote technology incubation and  
technology business incubation;

To step up the transfer of research results to production  
and business activities



- ❖ Information and consultation center of IP
  - IP Information center
  - Supporting and consultation center
  - utilization of information technology
- ❖ Investment in technical infrastructure and equipment

## ❖ Information and consultation center of IP

- IP Information center
- Supporting and consultation center
- utilization of information technology

- IP Information center

- Disseminating, training and guiding other organizations, agencies and individuals to exploit patent information to serve teaching and training activities for hundreds of people.
- Coordinating with mass media agencies, in implementing outreaching and disseminating IP law and knowledge.
- Better administering and more frequently updating the NOIP website (at the address: <http://www.noip.gov.vn>)
- Supported provinces to develop IP libraries, enhanced IP information capacity and IP activities in provinces
- Assistance in searching for technical information – free and/or commercial databases
- Development of IP Strategies – information on filing patents, trademarks, etc. (when, where, what, how much, etc.)
- To increase technology transfer, e.g. by investigating the possibilities of licensing, joint ventures, etc.
- To assist local users to create, protect, own and manage their intellectual property rights



- Supporting and consulation center
  - Regularly consulting and guiding IPR registration procedures, clearing up queries on IP related matters, which met demands of hundreds of people.
  - providing futher supports for certain departments of science and Technology in the establishment, registration and administation of Geographical indications.
- Advice on IPRs
- Training (e.g. for local SMEs)
- Advice on IP aspects of product commercialization
- Advice on licensing
- Assistance in IP valuation

## ❖ Support in the utilization of patent information and scientific/technical

- Efforts of the NOIP to enhance IP training and dissemination in order to raise public awareness and improve capacity of IP administration and enforcement authorities and enterprises,

## ❖ Investment in technical infrastructure and equipment

- Development of information technology (IT) system serving IP specialized activities
  - a. IPAS system
  - b. P-Search system
  - c. IP\_Lib, 2 years launched
  - d. IP File System (the Offline E-filing system)
  - e. Digitalize of Patent



- a. IPAS System

**Industrial Property Administration System**

**IPAS**

# IPAS

- *The IPAS system has been operated and its function have been fully exploited since July 2004*
- *Up to now, all industrial property application are managed and examined under the standard procedures of this system*
- *All information related to status of applications is strictly controlled, incoming and outgoing letters are also stored in computers*
- *To ensure easy and quick access of applications status and examination for **examiners** and **managers***

# IPAS

- *User interface in both Vietnamese and English*
- *6 IP types: Invention, Utility solution, Trademark, Industrial design, TM Madrid, Appellation of Origin*
- *Time required for examination of applications is significantly shortened and complies with provisions of the existing laws*



- b. P-Search system

*Patent search system*

**P-SEARCH**

# P-Search

- *Service : Start from the end of 2004*
- *Use database extracted from IPAS system*
- *A searching system is developed to serve examination process*
- *All basic functions of P-Search have been completely developed, effectively exploited and used*

c. IP\_Lib, 2 year launched

**IP-Lib**

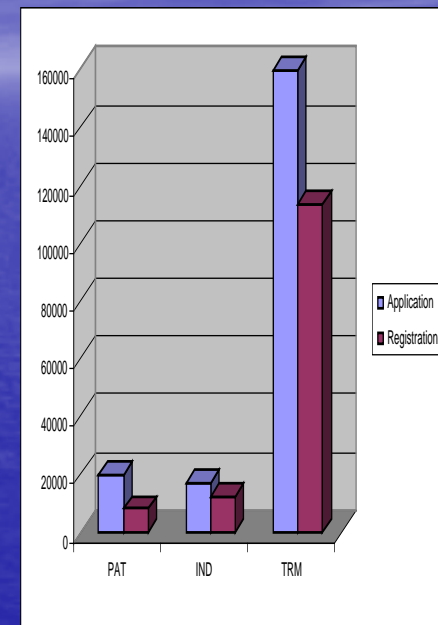
***Industrial Property Digital Library***



## • IP-Lib main functions:

- *3 IP types: Patent, Industrial Design, Trademark*
- *User interface in both Vietnamese and English*
- *Hit list result of text, Hit list result of image and Detail view*
- *Bibliographic data in Unicode*
- *Image data of trademark sample, industrial design picture, patent drawing*
- *Classification data of IPC, Locarno, Nice, Vienna*
- *Original page of Gazette in PDF*
- *... ..*

- *User can access the IP Lib directly via: <http://iplib.noip.gov.vn>*
- *Service: Start from Feb 2007, 24/24h, 7 days*
- *IP Lib contains information about all IP published applications and granted protection titles since 1982*
- *Data volume:*
  - > *Total 206890 published applications*
  - > *Total 143605 registrations**from year 1982 up to now.*



*Update: Monthly*  
*(Official Paper gazette of NOIP also monthly issued)*



# III. statistics



chế

n 2012

Patent applications filed from  
1981 to 2012

Năm Year	Số đơn đăng ký sáng chế đã được nộp <i>Filed patent applications</i>		
	Người nộp đơn Việt Nam (VN) <i>by the Vietnamese</i>	Người nộp đơn nước ngoài (NN) <i>by the foreigner</i>	Tổng số Total
1981-1988	453	7	460
1989	53	18	71
1990	62	17	79
1991	39	25	64
1992	34	49	83
1993	33	194	227
1994	22	270	292
1995	23	659	682
1996	37	971	1008
1997	30	1234	1264
1998	25	1080	1105
1999	35	1107	1142
2000	34	1205	1239
2001	52	1234	1286
2002	69	1142	1211
2003	78	1072	1150
2004	103	1328	1431
2005	180	1767	1947
2006	196	1970	2166
2007	219	2641	2860
2008	204	2995	3199
2009	258	2632	2890
2010	306	3276	3582
2011	301	3387	3688
2012	382	3577	3959
Tổng số Total	3228	33857	37085

\*Thời điểm để lấy số liệu thống kê tính đến 31/12/2012  
Statistics is calculated up to 31 December 2012





**Biểu đồ số lượng đơn đăng ký  
và bằng độc  
quyền sáng chế được cấp từ  
năm 1981 - 2012**

*Patent applications and  
patents granted for  
invention from 1981 to 2012*

Năm Year	Số bằng độc quyền sáng chế đã được cấp Granted patents		
	Người nộp đơn Việt Nam (VN) by the Vietnamese (VN)	Người nộp đơn nước ngoài (NN) by the foreigner (NN)	Tổng số Total
<b>1981 - 1989</b>	74	7	81
<b>1990</b>	11	3	14
<b>1991</b>	14	13	27
<b>1992</b>	19	16	35
<b>1993</b>	3	13	16
<b>1994</b>	5	14	19
<b>1995</b>	3	53	56
<b>1996</b>	4	58	62
<b>1997</b>	0	111	111
<b>1998</b>	5	343	348
<b>1999</b>	13	322	335
<b>2000</b>	10	620	630
<b>2001</b>	7	776	783
<b>2002</b>	9	734	743
<b>2003</b>	17	757	774
<b>2004</b>	22	676	698
<b>2005</b>	27	641	668
<b>2006</b>	44	625	669
<b>2007</b>	34	691	725
<b>2008</b>	39	627	666
<b>2009</b>	29	677	706
<b>2010</b>	29	793	822
<b>2011</b>	40	945	985
<b>2012</b>	45	980	1025
<b>Tổng số Total</b>	<b>503</b>	<b>10495</b>	<b>10998</b>

Patent and utility solution applications directly filed with NOIP by country/territory of origin from 2000 to 2012

Nước/ Vùng lãnh thổ nơi nộp đơn Quốc gia/Territory of Origin	Năm Year	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Australia (AU)		18	20	15	21	30	31	31	39	61	36	41	53	28
Belgium		17	23	15	16	24	28	46	84	80	58	53	45	47
Canada (CA)														
Canada		11	10	11	5	25	14	13	16	18	8	17	28	24
Thụy Sĩ (CH)														
Switzerland		51	62	0	59	97	93	56	107	135	118	153	154	200
Trung Quốc (CH)														
China		29	86	15	18	10	19	27	63	87	117	139	150	142
CHLB Đức (DE)														
Germany		90	129	119	91	134	165	185	215	235	195	216	282	206
Đan Mạch (DK)														
Denmark		11	15	11	16	25	17	33	30	45	33	35	46	19
Pháp (FR)														
France		88	69	58	40	43	74	79	92	120	107	140	144	138
Anh (GB)														
Great Britain		59	62	34	45	31	61	70	83	98	59	71	63	65
Italia (IT)														
Italy		3	8	17	11	27	23	30	34	35	44	41	47	45
Nhật (JP)														
Japan		218	271	257	261	257	376	357	425	632	632	823	894	1216
Hàn Quốc (KR)														
Republic of Korea		29	36	41	47	50	67	112	174	175	195	191	173	244
Hà Lan (NL)														
Netherlands		65	52	80	57	59	66	68	117	113	107	98	118	96
Nhà Uy (NO)														
Norway		7	10	7	7	7	7	16	9	14	13	10	9	19
Thụy Điển (SE)														
Sweden		18	11	6	1	2	9	11	10	19	13	51	35	29
Đài Loan (TW)														
Chinese Taipei		47		92	73	106	142	137	247	321	192	202	187	181
Mỹ (US)														
The United States of America		437	349	277	278	356	523	564	738	692	595	832	765	684
Việt Nam (VN)														
Vietnam		69	85	134	149	206	362	196	339	320	391	521	493	580
Các nước khác														
Other countries/territories		65	70	153	102	107	116	371	763	283	230	247	307	298
Tổng số (Total)		1532	1568	1342	1227	1596	2195	2402	3545	3483	3145	3481	3995	4257

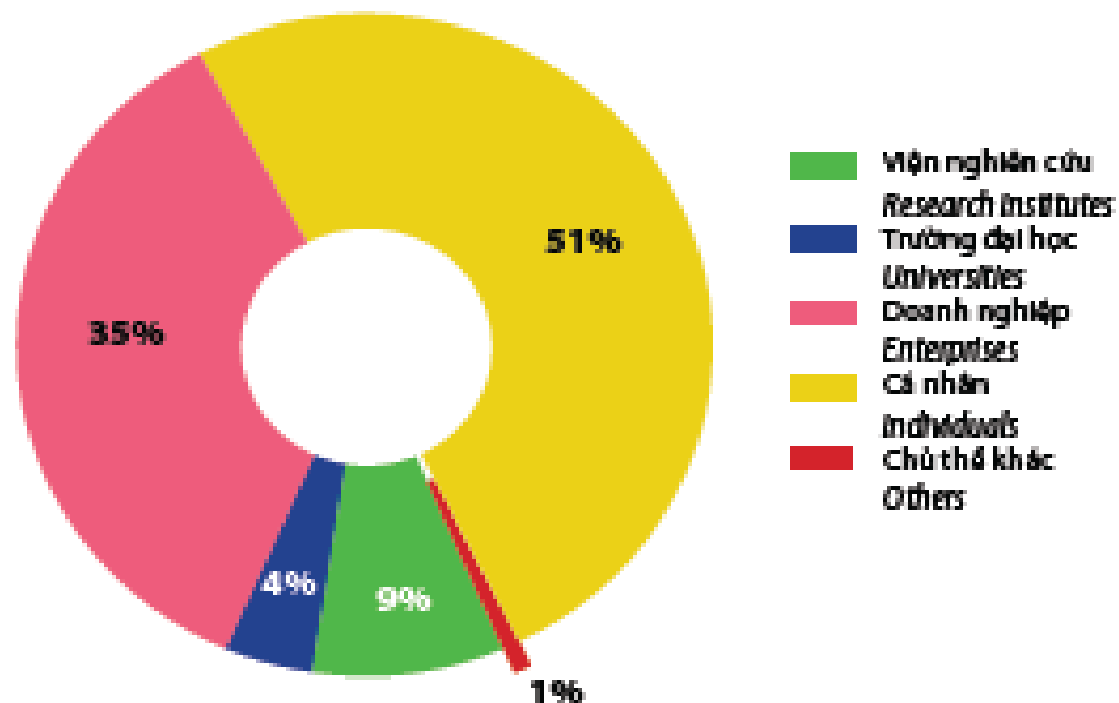
**Đơn đăng ký giải pháp hữu ích  
đã được nộp từ 1989 đến 2012**  
Utility solution applications  
filed from 1989 to 2012

Năm <i>Year</i>	Số đơn đăng ký giải pháp hữu ích đã được nộp <i>Filed utility solution applications</i>		
	Người nộp đơn Việt Nam (VN) <i>by the Vietnamese</i>	Người nộp đơn nước ngoài (NN) <i>by the foreigner</i>	Tổng số <i>Total</i>
1989	25		25
1990	39	25	64
1991	52	01	53
1992	32	01	33
1993	38	20	58
1994	34	24	58
1995	26	39	65
1996	41	38	79
1997	24	42	66
1998	15	13	28
1999	28	14	42
2000	35	58	93
2001	35	47	82
2002	67	64	131
2003	76	51	127
2004	103	62	165
2005	182	66	248
2006	160	76	236
2007	120	100	220
2008	116	168	284
2009	133	120	253
2010	215	84	299
2011	193	114	307
2012	198	100	298
<b>Tổng số Total</b>	<b>1987</b>	<b>1327</b>	<b>3314</b>



**Bảng độc quyền giải pháp hữu ích  
đã được cấp từ 1990 đến 2012**  
Utility solution patents granted from  
1990 to 2012

Năm Year	Số bằng độc quyền giải pháp hữu ích đã được cấp Granted utility solution patents		
	Người nộp đơn Việt Nam (VN) by the Vietnamese	Người nộp đơn nước ngoài (NN) by the foreigner	Tổng số Total
1990	23		23
1991	44	1	45
1992	23	1	24
1993	9	1	10
1994	18	9	27
1995	8	16	24
1996	5	6	11
1997	8	12	20
1998	3	14	17
1999	6	12	18
2000	10	13	23
2001	17	9	26
2002	21	26	47
2003	28	27	55
2004	44	25	69
2005	41	33	74
2006	45	25	70
2007	49	36	85
2008	48	27	75
2009	45	19	64
2010	35	23	58
2011	46	23	69
2012	59	28	87
<b>Tổng số Total</b>	<b>635</b>	<b>386</b>	<b>1021</b>



Biểu đồ bằng độc quyền sáng chế  
 và giải pháp hữu ích của người nộp  
 đơn Việt Nam từ năm 1995 - 2012  
 theo chủ thể

*Granted patents for inventions and  
 utility solutions of the Vietnamese by  
 holders from 1995 to 2012 by holders*

**Thank you**  
**for Your Attention!**