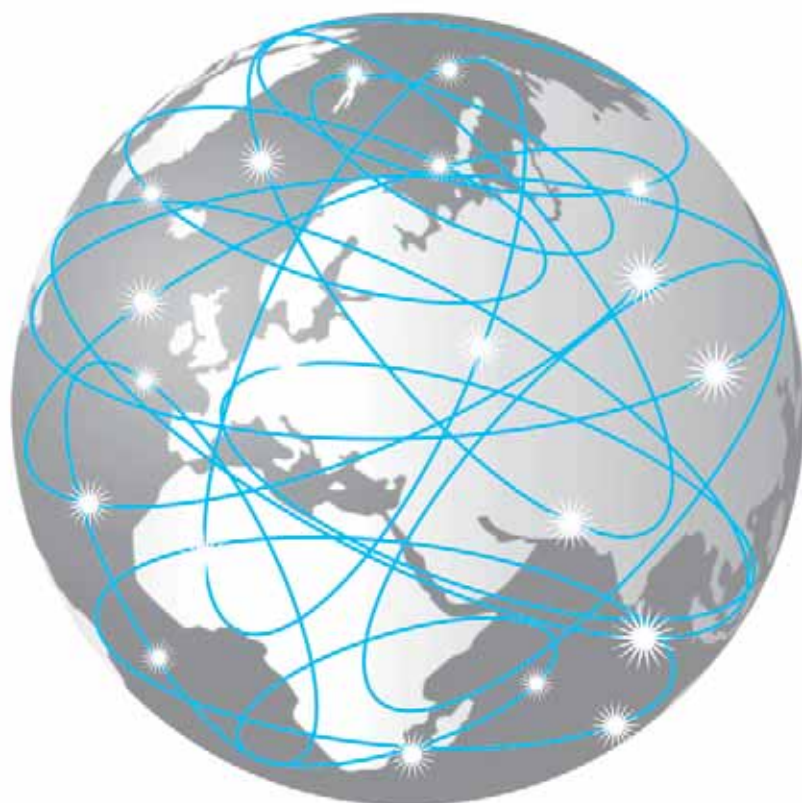




UKRAINE



ANNUAL REPORT

STATE  
INTELLECTUAL  
PROPERTY  
SERVICE  
OF UKRAINE

2016

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**Dear friends, colleagues and partners of the state system  
of intellectual property legal protection!**

Efforts, made by the State Intellectual Property Service of Ukraine (SIPS) in 2016, were aimed at ensuring stability of operation of the state system of intellectual property legal protection amid the reform thereof.

Order No. 402-r of the Cabinet of Ministers of Ukraine, dated June 1, 2016, approved the Concept of reforming the state system of intellectual property legal protection in Ukraine, where liquidation of SIPS has been identified as a necessary step towards resolving current issues in the intellectual property domain.

There is no place for populism and failures in completing the tasks and functions, entrusted by the state, in the course of actual implementation of the public policy. Due to the concerted efforts, and despite labour shortage, the public officials have been providing for the implementation of the public policy in intellectual property domain throughout the reporting year. Also, employees of the subordinate state enterprises keep taking all relevant measures for the transformation of the public authority is completed unnoticed for an ordinary citizen. I am truly grateful to the employees of the state intellectual property system for their work in this hard-to-survive year for the system.

Further, I would like to thank our foreign colleagues, namely those who took part in the Regional Workshop by the World Intellectual Property Organization (WIPO), held on October 18-19, 2016, for Small and Medium-Sized Enterprises and Building Respect for Intellectual Property Rights, which was

essential for increasing economic capacity of our country. The workshop was held by WIPO and SIPS with the support of the State Enterprise «Ukrainian Intellectual Property Institute» (Ukrpatent).

I would like to convey sincere gratitude to the concerned public members, who posed exhaustive questions regarding details of the intellectual property reform and who cared for the need to preserve workforce capacity of the authority under liquidation and of the state enterprises, which are to change subordination thereof. Your questions, requests and letters of support were not left out of consideration, but instilled confidence that the situation would be overcome and, above all, we would conclude the challenging stage of our activity.

Lastly, I would like to notice, that in such extraordinary circumstances, the state system of intellectual property legal protection was able not only to withstand, but to achieve notable results as well. Undoubtedly, that became possible only due to high professionalism and commitment of our employees.

I expect the information on the activities of the state system of intellectual property legal protection to be interesting and useful for you.

**Yours respectfully,**

**Acting Chairwoman**



**Antonina Malysh**

# 1 Improvement of the National Intellectual Property Legislation

The State Intellectual Property Service of Ukraine (SIPS), within the scope of its competence, keeps improving continually the intellectual property legislation, studies the world practices in the field of intellectual property legal protection to identify the optimal procedure for intellectual property rights protection in the current context.

In the reporting year, SIPS has been improving the regulatory and legal framework of Ukraine in the field of intellectual property.

To improve legislation in the field of industrial property rights protection, proposals and comments to the Draft Law of Ukraine «On amending specific legal acts of Ukraine concerning the improvement of protection of rights to layout designs (topographies) of integrated circuits» were prepared; comments by the Ministry of Finance of Ukraine to the Draft Law of Ukraine «On amending specific legal acts of Ukraine concerning the improvement of intellectual (industrial) property legal protection», as well as the summary by the Ministry of Justice of Ukraine following legal review of the said Draft Law and of the Draft Law «On amending specific legal acts of Ukraine concerning the improvement of legal protection of geographical indications» were elaborated, and the stands on the aforesaid Draft Laws were agreed.

In 2016, SIPS processed 10 draft laws and regulations, which had come for approval and commenting, including:

- the Draft Law of Ukraine «On adopting the Protocol amending the TRIPS Agreement»;
- the Draft Law of Ukraine «On amending certain legal acts of Ukraine related to the provision

of publicity and prevention of abuses in registration and circulation of marks for goods and services, as well as to the enforcement of rights of their owners and establishment of conditions for those rights to be exercised» (Reg. No. 5419, dated November 17, 2016);

- the Draft Agreement between the Government of Ukraine and the Government of the Republic of Azerbaijan on cooperation in the field of industrial property protection;
- the Draft Resolution of the Cabinet of Ministers of Ukraine «On amending the Resolution No. 1716 of the Cabinet of Ministers of Ukraine, dated December 23, 2004»;
- the Draft Ordinance of the Cabinet of Ministers of Ukraine «On approving the Conceptual framework of reforming the state system of intellectual property legal protection in Ukraine»;
- the Draft Ordinance of the Cabinet of Ministers of Ukraine «On amending the Ordinance No. 847 of the Cabinet of Ministers of Ukraine, dated June 17, 2014»;
- the Draft Order of the Ministry of Education and Science of Ukraine «On projects of the Science and Technology Center in Ukraine».

In the reporting year activities were carried out to provide methodological support of examination of applications for industrial property rights, particularly at improving examination of applications for marks for goods and services, as well as at modifying Recommended Practices on specific matters of examination of applications for marks for goods and services. The said Recommended Practices are to assist examiners in proper use of provisions

set forth in the Law of Ukraine «On protection of rights to marks for goods and services» and of the relevant rules when examining applications for marks for goods and services.

In 2016, SIPS has been improving the national legislation in the field of copyright and related rights.

Thus, the Draft Law of Ukraine «On Accession by Ukraine to the Marrakesh Treaty to Facilitate Access to Published Works for Persons Who

are blind, visually impaired or otherwise print disabled» was elaborated. Accession by Ukraine to this Treaty is to enable implementation within our country, at the level of international standards, of exceptions and limitations in the field of copyright and related rights for persons who are blind, as well as fulfillment of the Action Plan for implementation of the National strategy in the field of human rights for a period until 2020, approved by the Ordinance No. 1393-r of the Cabinet of Ministers of Ukraine, dated November 23, 2015.

Thus, the Draft Law of Ukraine «On Accession by Ukraine to the Marrakesh Treaty to Facilitate Access to Published Works for Persons Who

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The Draft Law was elaborated together with Mihaly Fiscor, – the Head of the Hungarian Council of Copyright Experts, within the EU Twinning project, and was submitted in July, 2016, for consideration by the Ministry of Economic Development and Trade of Ukraine.

To bring under regulation the field of collective management, the Draft Law of Ukraine «On collective management of proprietary rights of copyright and related rights holders» was elaborated. Before this Law is adopted, SIPS takes measures to stop uncontrollable increase of collec-

tive management organizations in Ukraine, in particular, elaborated the draft joint order of the Ministry of Economic Development and Trade of Ukraine and the Ministry of Education and Science of Ukraine «On amending the Order No. 311 of the Ministry of Education and Science of Ukraine, dated May 21, 2003, «On approval of the Procedure of registration of collective management organizations and supervision of activities thereof». The Order was registered by the Ministry of Justice of Ukraine on February 16, 2016, with No. 243/126. Since the Order became effective, the uncontrolled increase in the number of collective management organizations responsible for collecting royalties from economic entities had been withheld until a different law, aimed at regulating the field of collective management of proprietary rights in Ukraine, is adopted.

In December of the reporting year, the Cabinet of Ministers of Ukraine adopted the Resolution No. 903 «On amending and invalidating certain acts of the Cabinet of Ministers of Ukraine», dated December 7, 2016. The Resolution was drafted by SIPS in order to harmonize bylaws and regulations with the preceding legal acts (laws of Ukraine «On licensing economic activities», «On basic principles of the state supervision (control) in business activities»), as well as to resolve current inconsistencies and contradictions among the said laws and resolutions of the Government of Ukraine.

In order to bring certain acts of the Cabinet of Ministers of Ukraine in the field of copyright and related rights in line with the Law of Ukraine «On licensing economic activities», SIPS has elaborated the Draft Resolution of the Cabinet of Ministers of Ukraine «On amending and invalidating certain acts of the Cabinet of Ministers of Ukraine».

In the reporting year, as requested by the Committees of the Verkhovna Rada of Ukraine (i.e. the Committee on Science and Education and the Committee on European Integration), SIPS prepared comments to the following draft laws related to copyright and related rights:

- «On amending certain legal acts of Ukraine in the field of copyright and related rights»



**надійний старт твоїх ідей!**

Are Blind, Visually Impaired or Otherwise Print Disabled» was elaborated. Accession by Ukraine to this Treaty is to enable implementation within our country, at the level of international standards, of exceptions and limitations in the field of copyright and related rights for persons who are blind, as well as fulfillment of the Action Plan for implementation of the National strategy in the field of human rights for a period until 2020, approved by the Ordinance No. 1393-r of the Cabinet of Ministers of Ukraine, dated November 23, 2015.

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(Reg. No. 3692, dated December 22, 2015), submitted by V.Yu.Ptashnyk et al., – the people's deputies of Ukraine.

- «On amending the Law of Ukraine «On copyright and related rights» in terms of activities by collective management organizations» (Reg. No. 4461, dated February 24, 2016), submitted by Ye.Yu.Rybchynskiyi, – the people's deputy of Ukraine.

- «On amending certain legal acts of Ukraine on acquiring, use and protection of copyright and related rights» (Reg. No. 4144, dated February 24, 2016), submitted by the Cabinet of Ministers of Ukraine.

In the reporting year, SIPS carried out analysis of the laws and regulations of Ukraine as to their compliance with the Protocol amending the Agreement on Trade-Related Aspects of Intellectual Property Rights (TRIPS).

Since February, 2016, the State Enterprise «Ukrainian Intellectual Property Institute» (Ukr-

patent) has been functioning as the International Searching Authority (ISA) and the International Preliminary Examining Authority (IPEA), as well as the Authority specified for supplementary search. Nowadays, Ukrpatent is a competent institution able to perform international searching and international preliminary examining procedures in regards to international applications, filed by Ukrainian applicants within Ukrpatent as a Receiving Office. In 2016, the activities aimed at discharging those functions were delivered.

Moreover, SIPS was involved in delivering the decrees by the President of Ukraine, ordinances and orders by the Cabinet of Ministers of Ukraine and the Ministry of Economic Development and Trade of Ukraine; provided a number of clarifications and responses to the letters and requests by the governmental authorities, enterprises, and organizations, to submission letters by legal entities and natural persons, as well as carried out analyses and elaborated the relevant information.



## 2 Industrial Property Rights Protection



Andrew Kudin  
Director General of the State Enterprise «Ukrainian Intellectual Property Institute»

### 2.1. Examination of Applications and Registration of Industrial Property Rights

In 2016, more than 51.5 thousand applications for industrial property rights, including nearly 4.1 thousand applications for inventions, more than 9.5 thousand those for utility models and 2.3 thousand applications for industrial designs, over 35.6 thousand applications for trademarks and service

marks (including about 29.6 thousand those under the national procedure), were filed with Ukrpatent (Table 2.1).

In 2016, 3,668 applications for industrial property rights were filed through the electronic filing system, including 233 applications for inventions (6.4% of all electronic applications), 205 (5.6%) those for utility models, 3,230 (88%) for trademarks and service marks (Table 2.2, Figure 2.1).

Table 2.1: Applications for industrial property rights protection\*

Industrial property categories	2012	2013	2014	2015	2016
Inventions	4,944	5,418	4,814	4,495	4,095
Utility models	10,229	10,175	9,384	8,620	9,557
Industrial designs	1,851	3,778	2,664	2,080	2,302
Trademarks and service marks	31,555	34,393	27,280	32,621	35,605
national procedure	22,781	24,471	18,796	24,652	29,600
Madrid system	8,774	9,922	8,484	7,969	6,005
Topographies of integrated circuits	3	3	1	–	–
Qualified indications of the origin of goods	3	–	3	3	–

\* Data for the preceding years are corrected



Table 2.2: Filing of applications through the electronic filing system

Industrial property categories	2012	2013	2014	2015	2016
Total	1,867	2,031	1,896	2,507	3,668
Inventions	143	169	161	221	233
Utility models	159	134	115	168	205
Trademarks and service marks	1,565	1,728	1,620	2,118	3,230

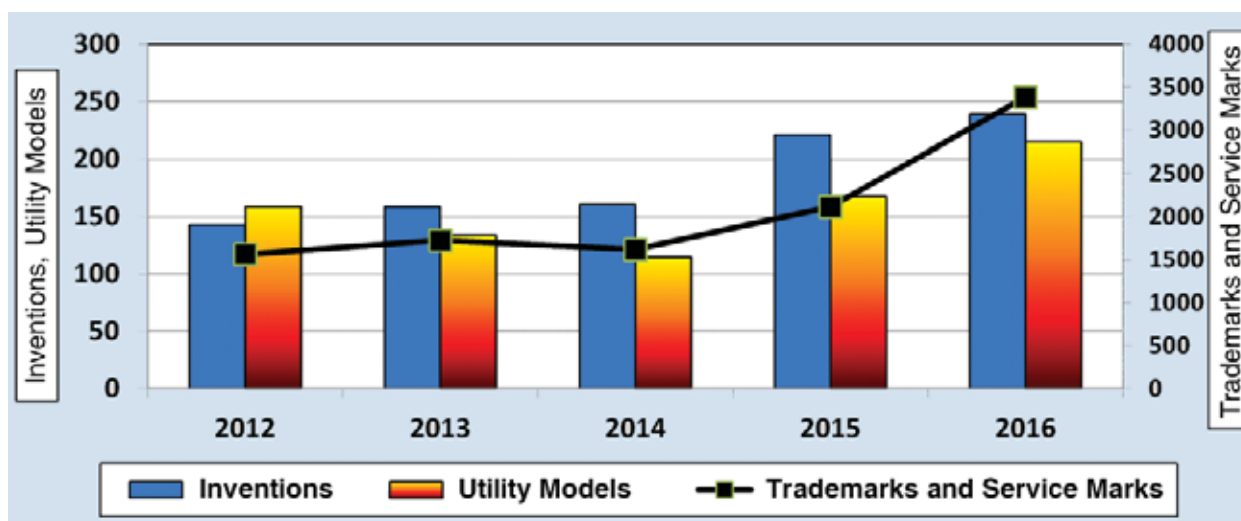


Figure 2.1: Trends in electronic filing

### Inventions

In 2016, a total of 4,095 applications for inventions were filed that is nearly 9% less as compared with the previous year (Table 2.3, Figure 2.2). The number of applications filed by residents decreased by

1.8%, the number of non-resident applications – by 16.2%, including entries under the PCT which decreased by 15.9%.

To protect inventions abroad under the PCT procedure, 153 resident applications were filed.

Table 2.3: Applications for inventions filed and patents granted

Subject matter	2012	2013	2014	2015	2016
Applications filed:	4,944	5,418	4,814	4,495	4,095
under the national procedure	2,834	3,132	2,675	2,506	2,422
by residents	2,483	2,855	2,455	2,271	2,231
by non-residents	351	277	220	235	191
under the PCT procedure	2,110	2,286	2,139	1,989	1,673
including resident applications	1	3	2	1	2
Patents for inventions granted:	3,405	3,635	3,319	3,014	2,813
to residents	1,559	1,743	1,702	1,516	1,277
to non-residents	1,846	1,892	1,617	1,498	1,536
Patents in force by the end of the year	25,276	26,033	26,183	25,736	24,760

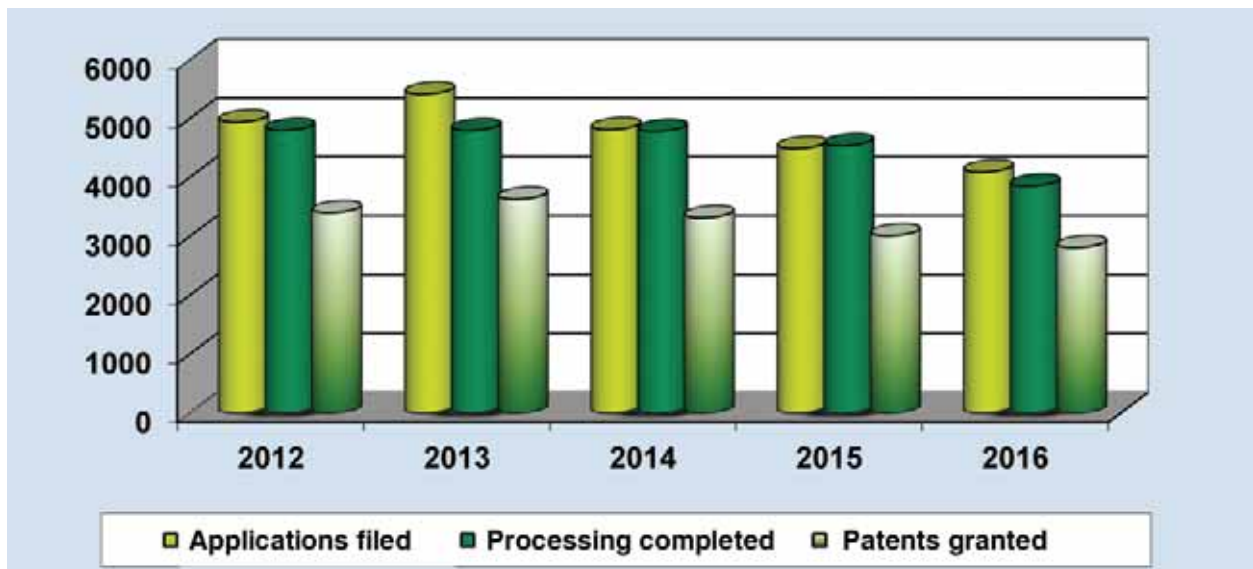


Figure 2.2: Trends in filings, disposals and grants of patents for inventions

Residents filed 2,233 applications for inventions in 2016 (54.5% of the total filings). The largest number of resident filings came from the city of Kyiv (31.9%), Kharkiv Region (13.6%), Dnipropetrovsk Region (10.3%), Donetsk Region

(6.0%), Odessa Region (5.3%), Lviv Region (4.0%), Zaporizhia (3.5%) and Kyiv Regions (3.4%).

The distribution of resident applications by Ukraine regions in the 2012-2016 timeframe is shown in Figure 2.3.

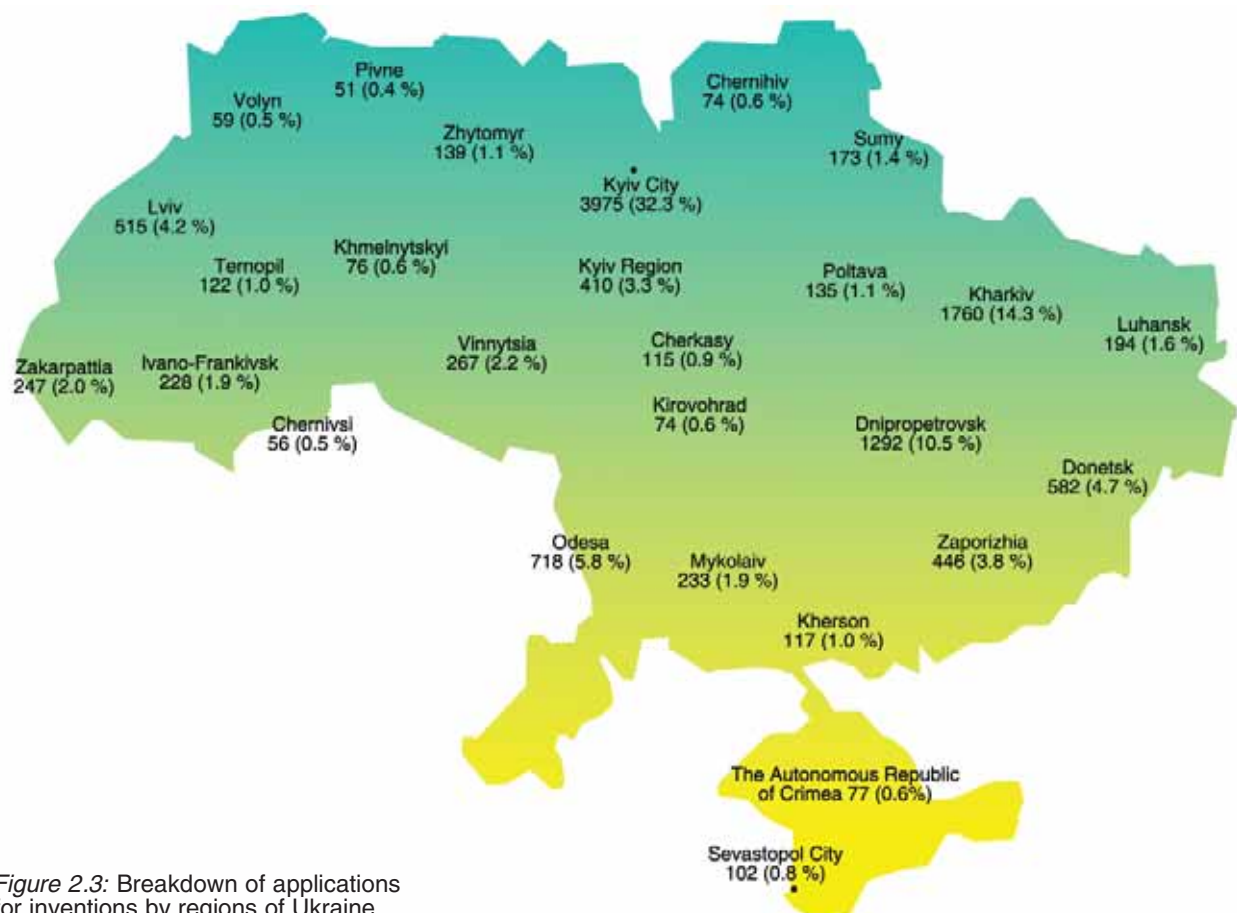


Figure 2.3: Breakdown of applications for inventions by regions of Ukraine

The share of non-resident applications amounted to 45.5% of total filings. The largest number of non-resident filings came from the USA (415 applications), Switzerland (241), Germany (209), France (91), the United Kingdom (73), Japan (64), Luxembourg (57), the Netherlands (53), Italy (45) and Belgium (39 applications). The number of applications filed by applicants from countries of the European Union amounted to 45.6% of total non-resident filings.

The number of the PCT national phase entries amounted to nearly 90% of total non-resident filings in 2016 (Figure 2.4).

Data on applications processing activities are presented in Table 2.4.

Data on Ukrpatent functioning as an International Searching Authority (ISA) and International Preliminary Examining Authority (IPEA) is presented in Table 2.5.

During the year under review, 2,813 patents for inventions were granted. Patents granted to residents amounted to 1,277 (45.4%) (Table 2.3).

As of January 1, 2017, a total of 118,141 patents for inventions were entered into the State register of patents of Ukraine for inventions, including 24,760 patents for inventions in force (Figure 2.5).

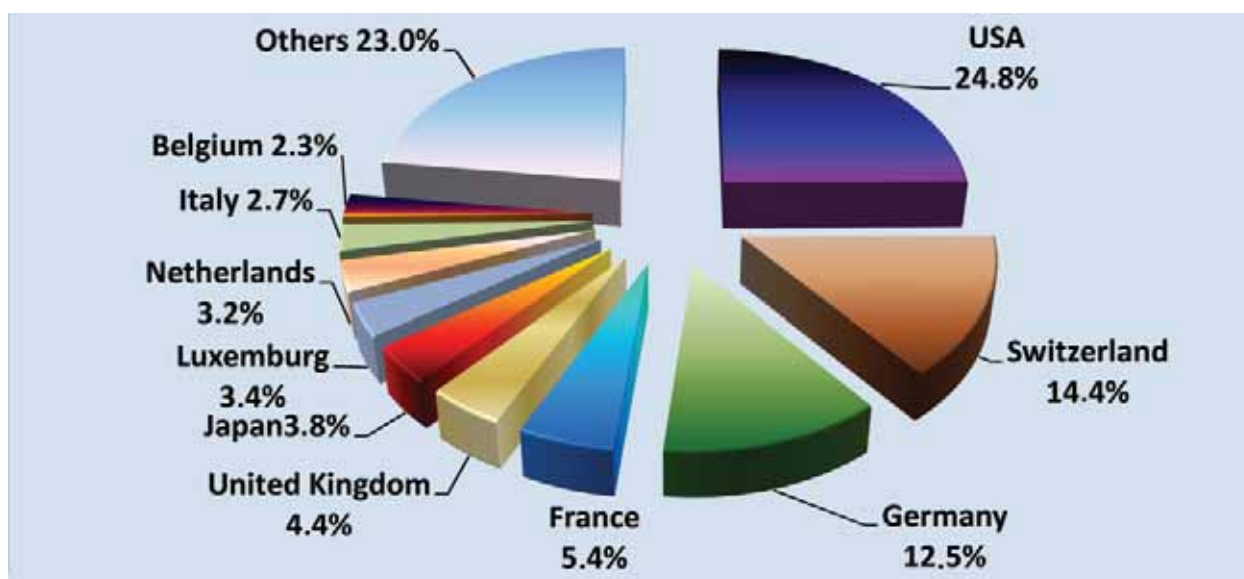


Figure 2.4: Breakdown of PCT applications by origin

Table 2.4: The substantive examination of invention applications

Year	Number of requests for substantive examination	Allowed applications	Refused applications	Abandoned applications	Total disposals in the substantive examination procedure	Number of pending applications undergoing substantive examination
2012	4,410	3,707	44	696	4,447	3,918
2013	4,721	3,699	40	731	4,470	4,154
2014	4,651	3,455	45	854	4,354	4,398
2015	4,040	3,101	68	1,373	3,995	4,257
2016	3,791	2,857	78	1,367	3,857	4,094

**Table 2.5: Functioning of Ukrpatent as an ISA and IPEA**

Number of performed international searches	Number of international search reports sent to the IB of WIPO	Number of published applications on WIPO website	Number of applications under the international search procedure as of December 31, 2016	Number of applications under international preliminary examination as of December 31, 2016
18	18	5	4	3



Figure 2.5: Breakdown of patents for inventions in force according to filing years

Represented data indicates that most of patents for inventions in 2016 were issued on the basis of applications filed in 2010 and 2011; nearly 92% of patents in force were based on applications filed in the 2001-2014 timeframe; only small quantity of patents is in force within the whole period of validity (20 years).

**Utility Models**

In 2016, more than 9.5 thousand utility model applications, including 99% resident applications, were filed (Table 2.6, Figure 2.6).

Non-residents filed 87 applications in 2016, including more than 32% of applicants from the

**Table 2.6: Utility model applications filed and patents granted**

Subject matter	2012	2013	2014	2015	2016
Applications filed:	10,229	10,175	9,384	8,620	9,557
Under the national procedure	10,224	10,152	9,373	8,602	9,551
by residents	10,030	9,977	9,243	8,490	9,467
by non-residents	194	175	130	112	84
Under the PCT procedure	5	23	11	18	6
including resident applications	–	–	1	1	3
Patents granted:	9,951	10,137	9,196	8,153	9,044
to residents	9,802	9,946	9,015	8,035	8,931
to non-residents	149	191	181	118	113
Patents in force by the end of the year	40,168	41,124	40,268	37,416	35,914

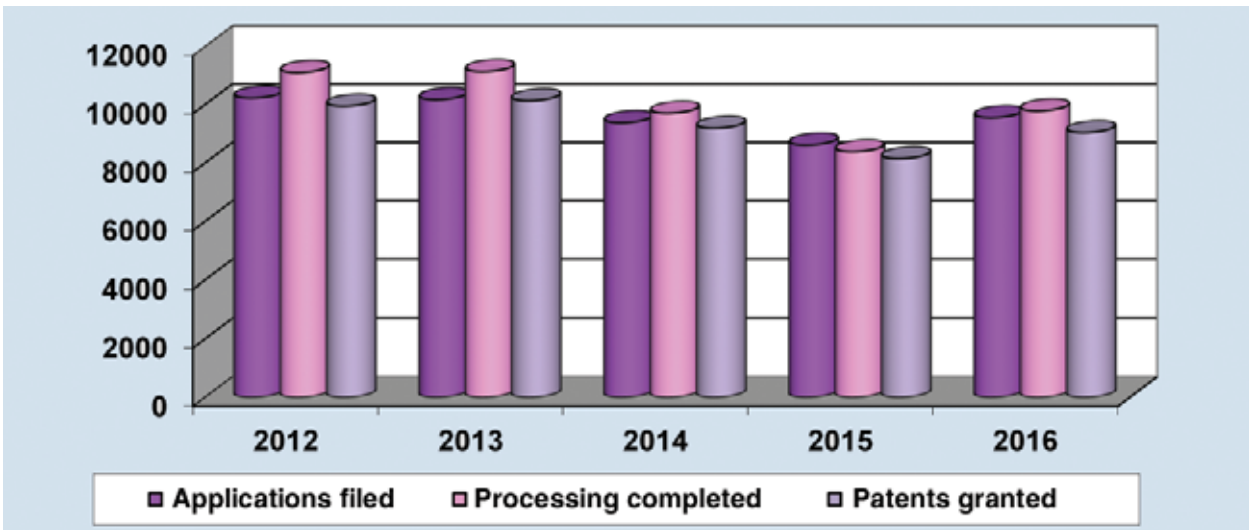


Figure 2.6: Trends in utility model filings, disposals and grants

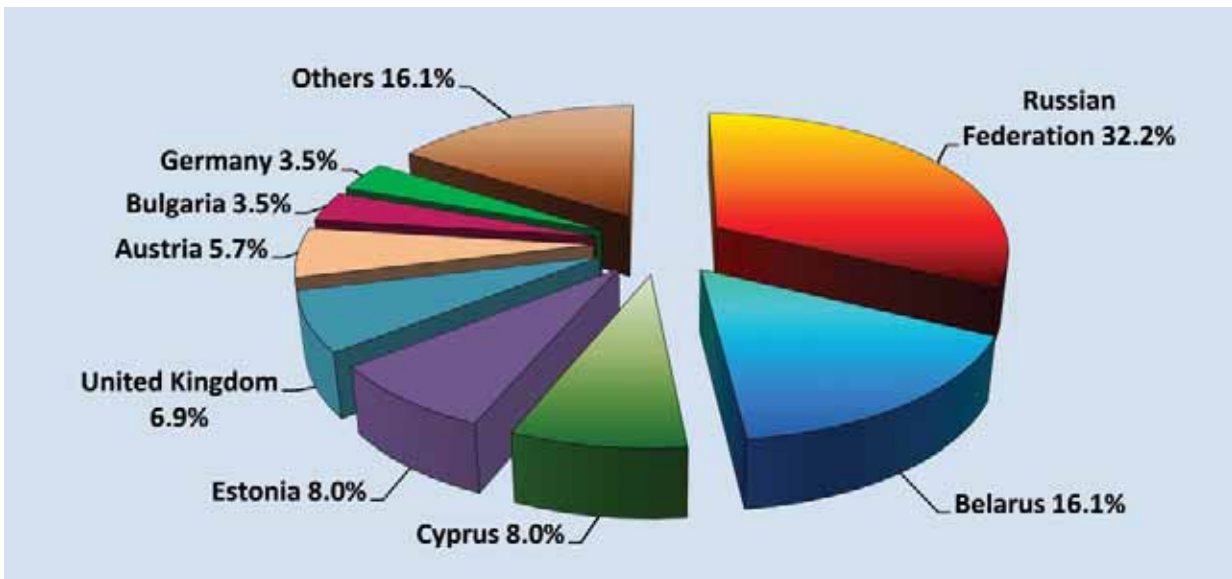


Figure 2.7: Breakdown of utility model applications by origin

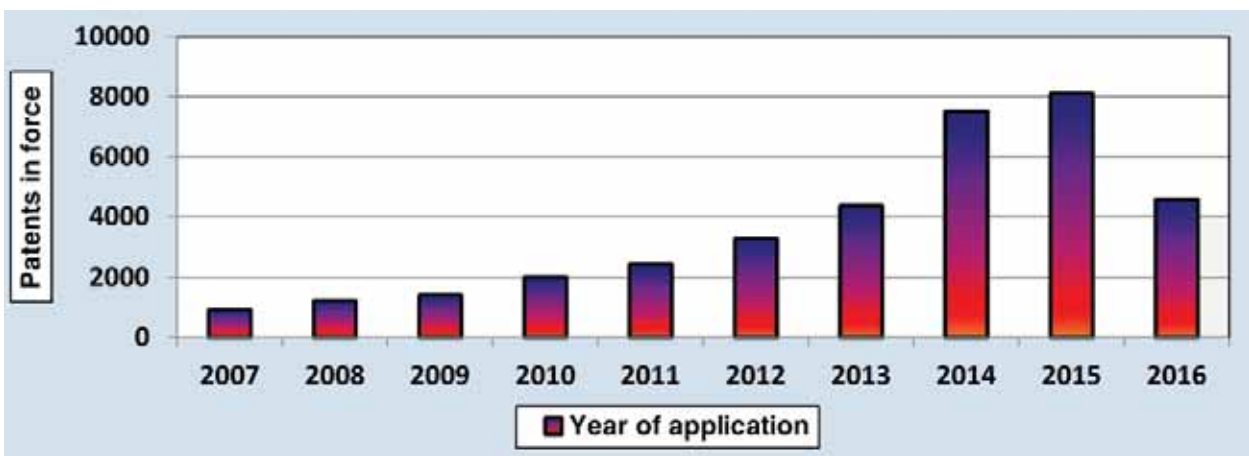


Figure 2.8: Breakdown of patents for utility models in force according to filing years

Russian Federation (the distribution of utility model applications is shown in Figure 2.7).

Processing of 9,786 applications for utility models was completed, including 9,375 with decisions on grant, 55 refusals and 356 abandoned applications.

More than 9 thousand patents for utility models were granted, including 98.7% to resident applicants. Non-resident applicants were granted 113 patents, including 34 grants to applicants from the Russian Federation, 19 – from Cyprus, 13 – from Belarus, from Austria and the Czech Republic – 5 grants each, 4 – from Switzerland, 3 grants each – from Germany, the United Kingdom and Turkey.

As of January 1, 2017, a total of 112,891 patents for utility models were entered into the State

register of patents of Ukraine for utility models, including 35,914 patents in force (Figure 2.8).

In 2016, most of patents for utility models in force are based on applications filed in 2014 and 2015.

#### Industrial Designs

In 2016, a total of 2,302 applications for industrial designs were filed (Table 2.7, Figure 2.9). The share of applications filed by non-resident applicants amounted to 12.4% of total filings.

In 2016, non-resident applicants were from the Russian Federation with 105 applications (36.7%), Sweden – 65 (22.7%), Finland – 15 (5.4%), France – 13 (4.5%), Cyprus – 10 (3.5%), Japan – 23 (8.6%), Poland – 12 (4.5%) and China – 10

Table 2.7: Industrial design applications filed and patents granted

Subject matter	2012	2013	2014	2015	2016
Applications filed:	1,851	3,778	2,664	2,080	2,302
by residents	1,517	3,186	2,045	1,811	2,016
by non-residents	334	592	619	269	286
Patents granted:	1,541	2,010	2,464	2,521	2,469
to residents	1,225	1,682	1,780	1,957	2,134
to non-residents	316	328	684	564	335
Patents in force by the end of the year	8,084	10,051	11,095	12,041	13,026

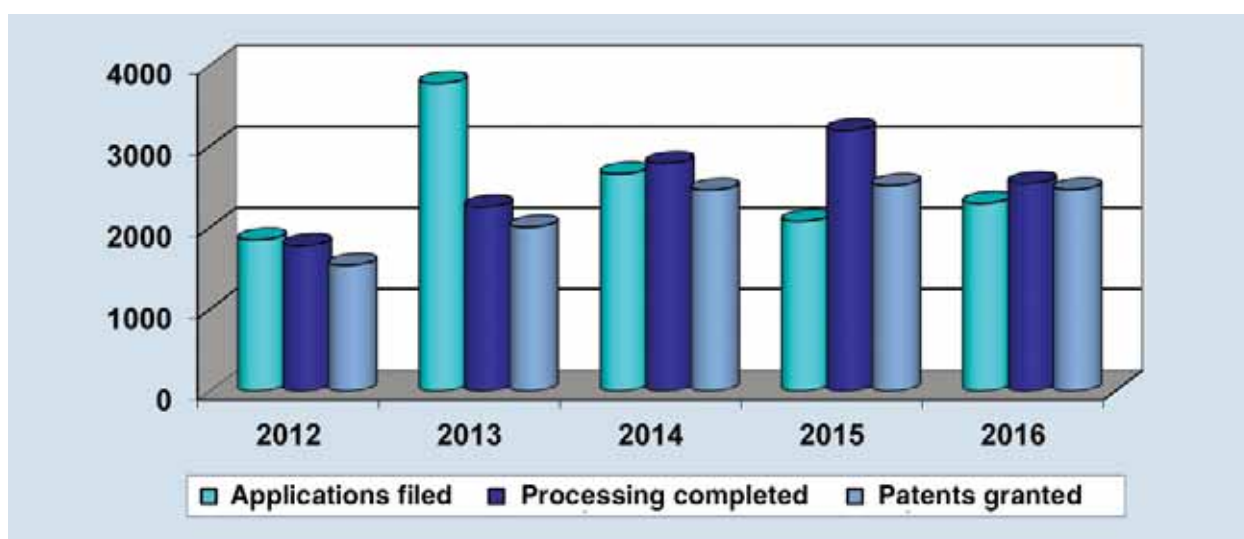


Figure 2.9: Trends in filings, disposals and grants of patents for industrial designs

(3.7%). The share of applications filed by applicants of listed countries amounted to nearly 73% of the total filings from non-resident applicants.

The total number of processed applications amounted to 2,548, including 2,298 with decisions on grant, 4 refusals and 246 withdrawn applications.

Over the course of 2016, a total of 2,469 industrial design patents were granted, including 335 (13.6%) non-resident patents (Table 2.7).

As of January 1, 2017, a total of 33,623 patents for industrial designs were entered into the State register of patents of Ukraine for industrial designs, including 13,026 patents in force. Most of patents for industrial designs in force (53.1%) were filed in the 2013–2015 timeframe (Figure 2.10).

In 2016, the effect of 623 international registrations under the Hague Agreement Concerning the International Registration of Industrial Designs was extended to the territory of Ukraine (Figure 2.11).

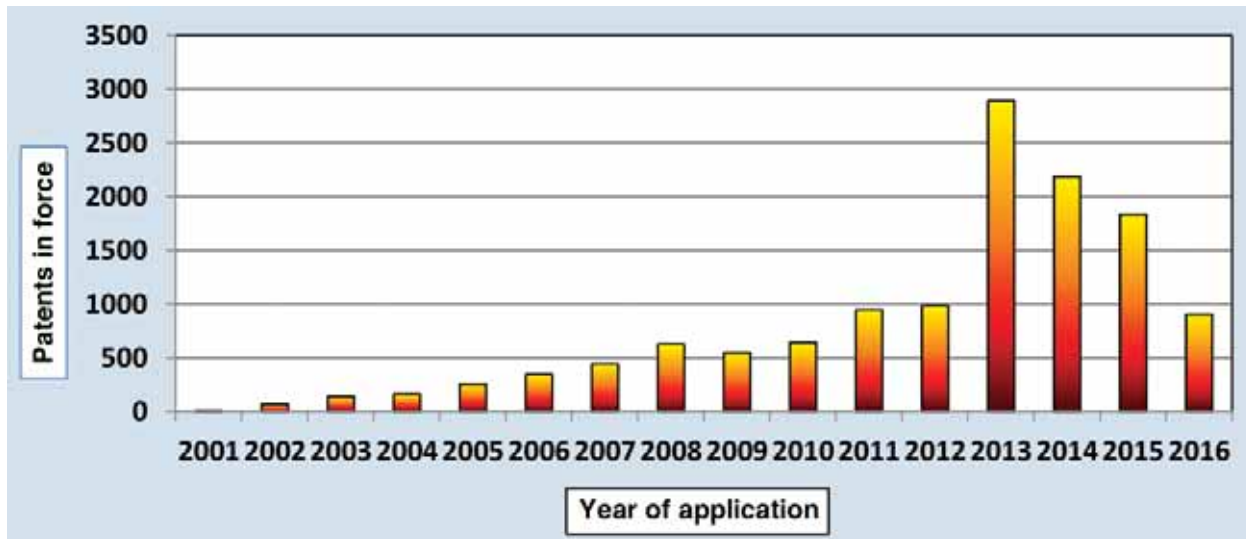


Figure 2.10: Breakdown of patents for industrial designs in force according to filing years

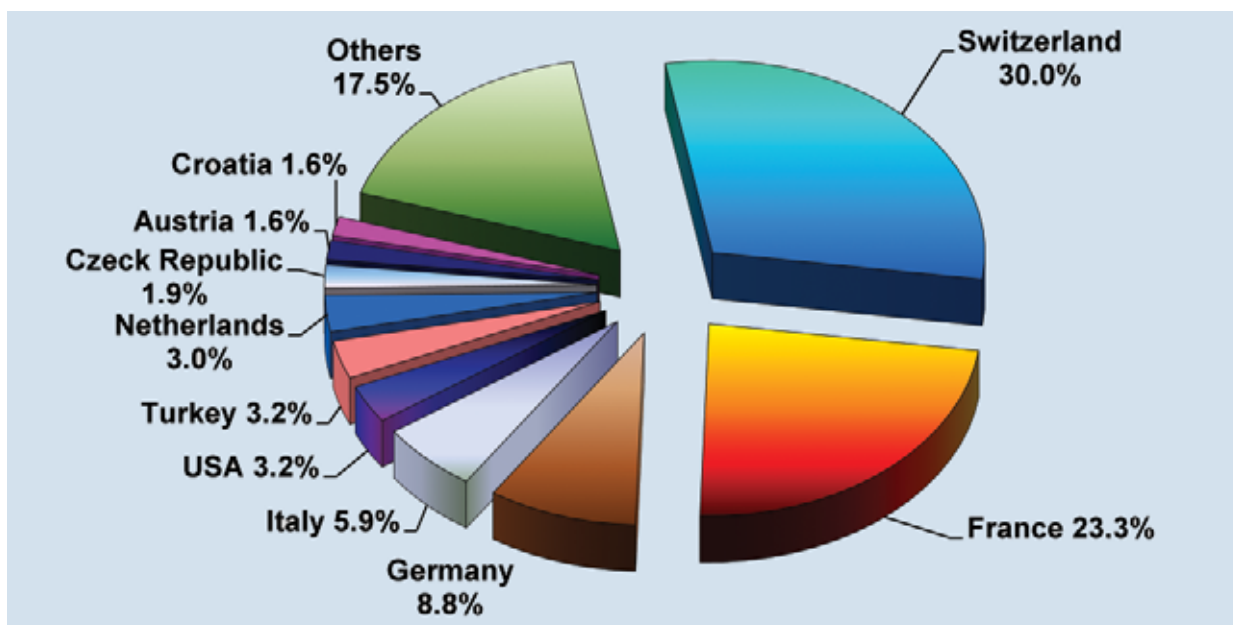


Figure 2.11: Breakdown of registrations under the Hague Agreement by origin

Most of industrial designs international registrations referred to the following classes of the Locarno Classification: Class 10 (Clocks and watches and other measuring instruments, checking and signaling instruments) – 133 registrations; Class 09 (Packages and containers for the transport or handling of goods) and Class 12 (Means of transport or hoisting) – 51 registrations each; Class 11 (Articles of adornment) – 45; Class 03 (Travel goods, cases, parasols and personal belongings, not elsewhere specified) – 28; Class 32 (Graphic symbols and logos, surface patterns, ornamentation) – 27, Class 26 (Lighting apparatus) – 26; Class 2 (Articles of clothing and haberdashery) and Class 21 (Games, toys, tents and sports goods) – 18 registrations each.

## Trademarks and Service Marks<sup>1</sup>

### National Procedure

In 2016, a total of 29,600 applications for trademarks and services were filed (Table 2.8, Figure 2.12). The activity of resident applicants was increased by 22.7%, the activity of non-resident applicants – by nearly 4% (Table 2.8, Figure 2.14). The number of non-resident applications amounted to more than 3.5 thousand (nearly 12% of the total filings under the national procedure).

The most active were applicants from the USA

<sup>1</sup> For the sake of simplicity, the term «trademark and service mark» is often used interchangeably with «mark» or «trademark» in this publication, regardless of whether the registration concerns goods or services

Table 2.8: Trademark applications and registrations under the national procedure

Subject matter	2012	2013	2014	2015	2016
Applications filed:	22,781	24,471	18,796	24,652	29,600
by residents	17,939	19,769	15,141	21,245	26,063
by non-residents	4,842	4,702	3,655	3,407	3,537
Marks registered:	15,459	14,981	14,698	12,388	13,618
to residents	11,611	11,249	11,150	9,539	11,007
to non-residents	3,848	3,732	3,548	2,849	2,611
Registrations in force by the end of the year	144,481	153,548	161,592	167,166	172,015

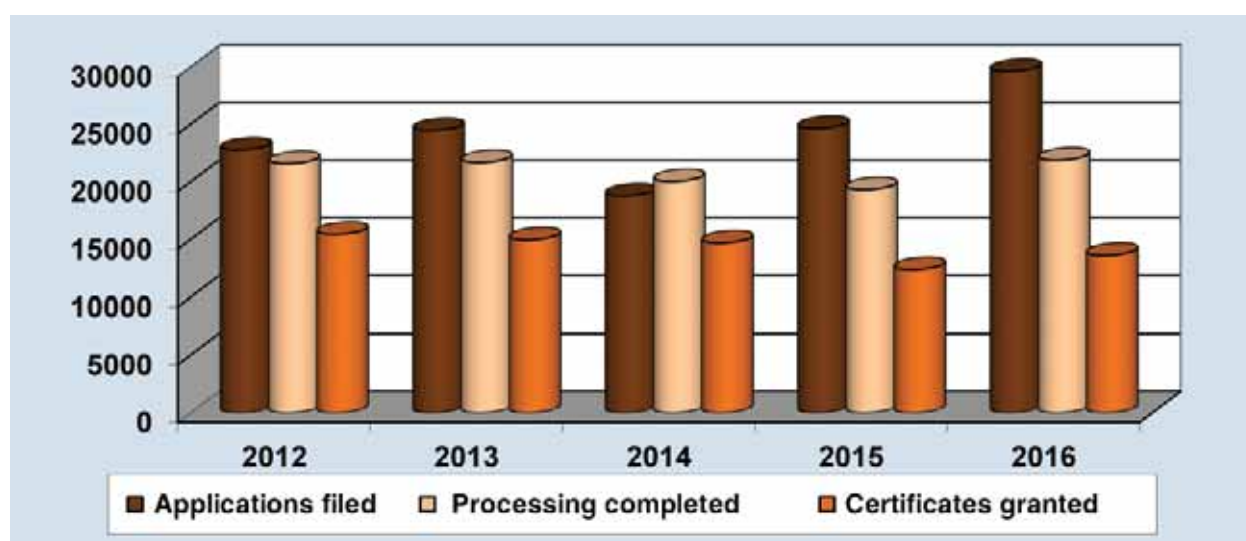


Figure 2.12: Trends in trademark filings, disposals and registrations under the national procedure



**Table 2.9: International trademark applications filed and registered under the Madrid System**

Subject matter	2012	2013	2014	2015	2016
Applications filed*	8,774	9,922	8,484	7,969	6,005
including those under the Madrid Protocol	2,422	3,251	2,958	2,892	2,199
Protection granted	8,193	8,228	9,876	8,117	7,620

\* Data corrected according to the date of the notification of indication of Ukraine in the international registration or on the extension of the international registration to the territory of Ukraine

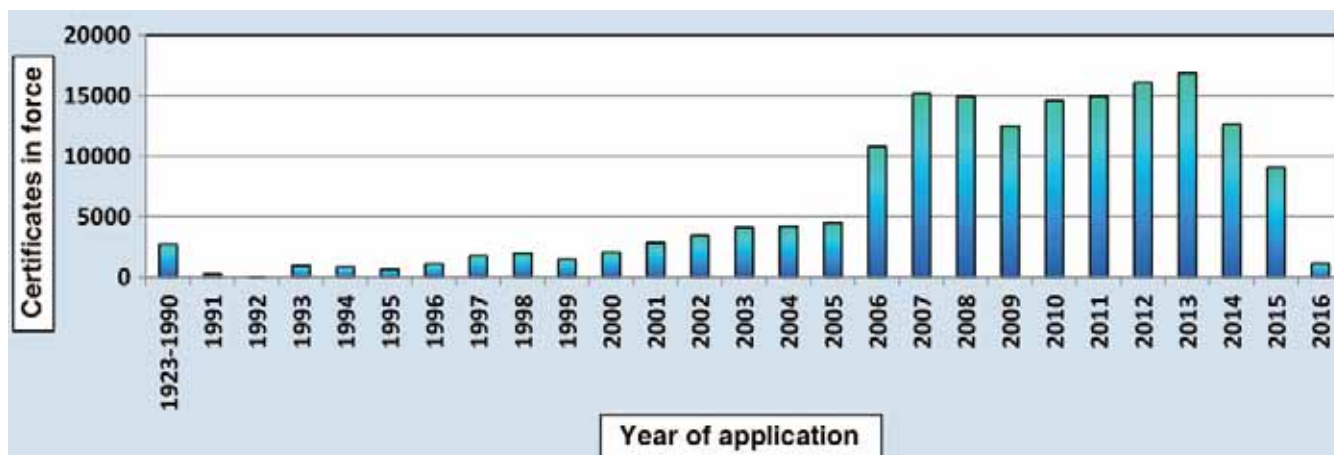


Figure 2.13: Breakdown of certificates for trademarks and service marks in force according to filing years

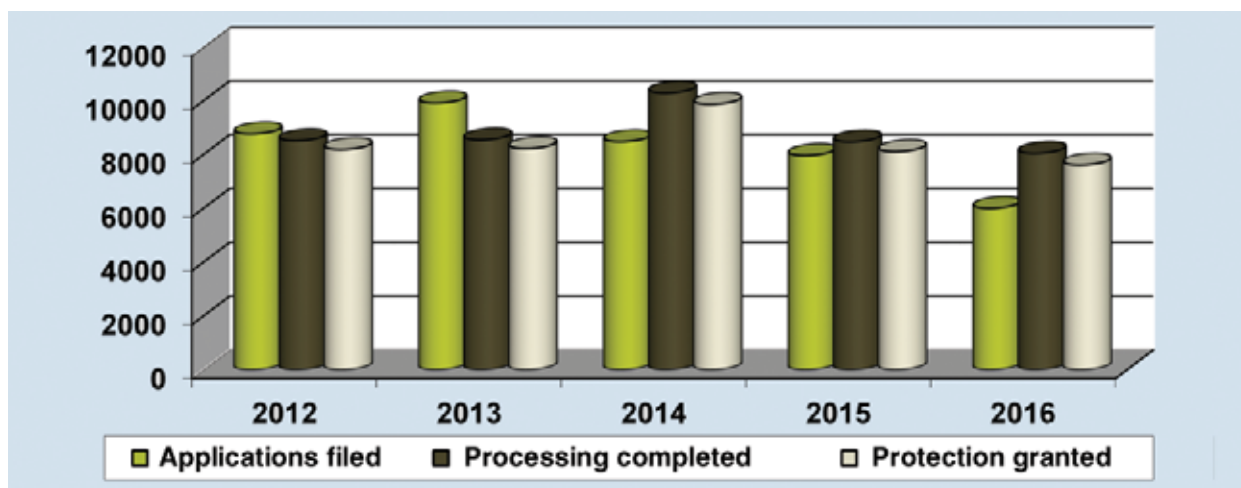


Figure 2.14: Trends in trademark filings, disposals and registrations under the Madrid System

with 590 (22.6%) applications, Cyprus – 418 (16.0%), Switzerland – 189 (7.2%), India – 125 (4.8%), the United Kingdom – 117 (4.5%), the Russian Federation – 108 (4.1%), Japan – 92 (3.5%), Germany – 71 (2.8%), France – 69 (2.6%), Austria – 61 (2.3%), the Netherlands – 58 (2.2%), Korea – 56 (2.1%) and China – 44 (1.7%). The

total number of disposals amounted to 21,889, including 14,338 decisions on trademark registrations, 1,825 refusals and 5,726 withdrawals.

Over the course of 2016, the total number of more than 13.6 thousand of trademark certificates was registered, of which the share of resident registrations amounted to 80.8% (Table 2.9).

As of January 1, 2017, a total of 221,221 certificates for trademarks and service marks were registered, of which 172,015 certificates were in force. 80% of registrations in force were filed in the 2006–2015 timeframe (Figure 2.13).

*International Procedure*

Some 6,005 international applications were received from the International Bureau of WIPO in 2016. Legal protection was granted to 7,620 international marks (Table 2.9, Figure 2.14).

In 2016 the top users of the Madrid System were applicants from Germany (966), China (565), France (550), the USA (496), Switzerland (409), Italy (401), the Russian Federation (301), Turkey (229), the United Kingdom (156), Spain (146), the Netherlands (137), Austria (122), Japan (117) and Poland (114). The share of applications from these countries amounted to 78.4% (Figure 2.15).

Over the course of 2016, 475 applications by the resident applicants were sent to the International Bureau of WIPO for international registration of trademarks (Figure 2.16).

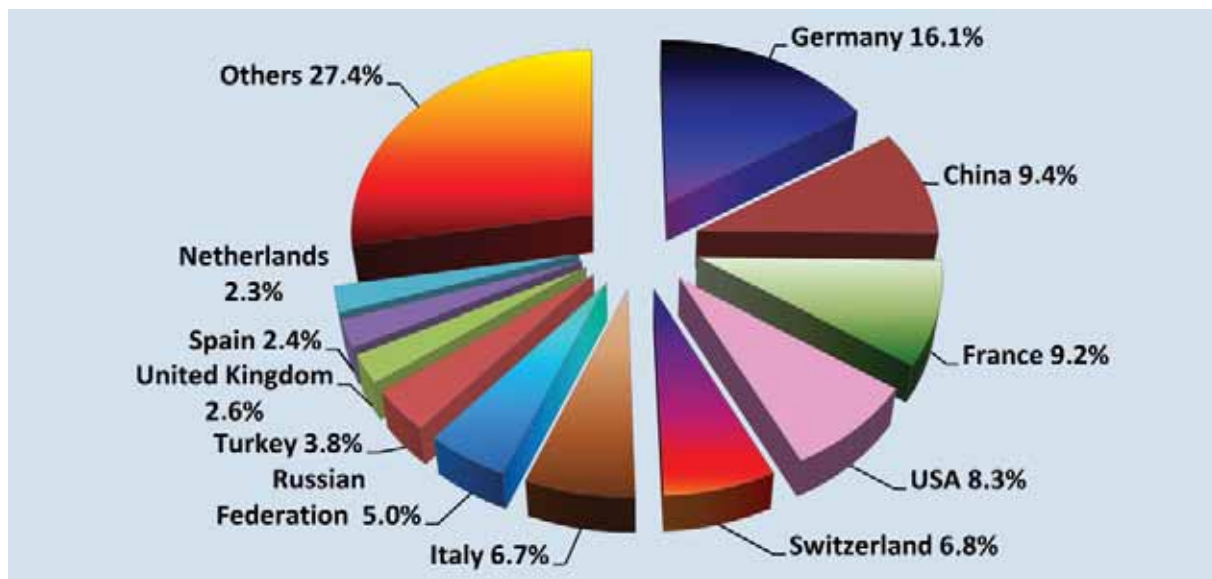


Figure 2.15: Breakdown of applications filed under the international procedure by origin

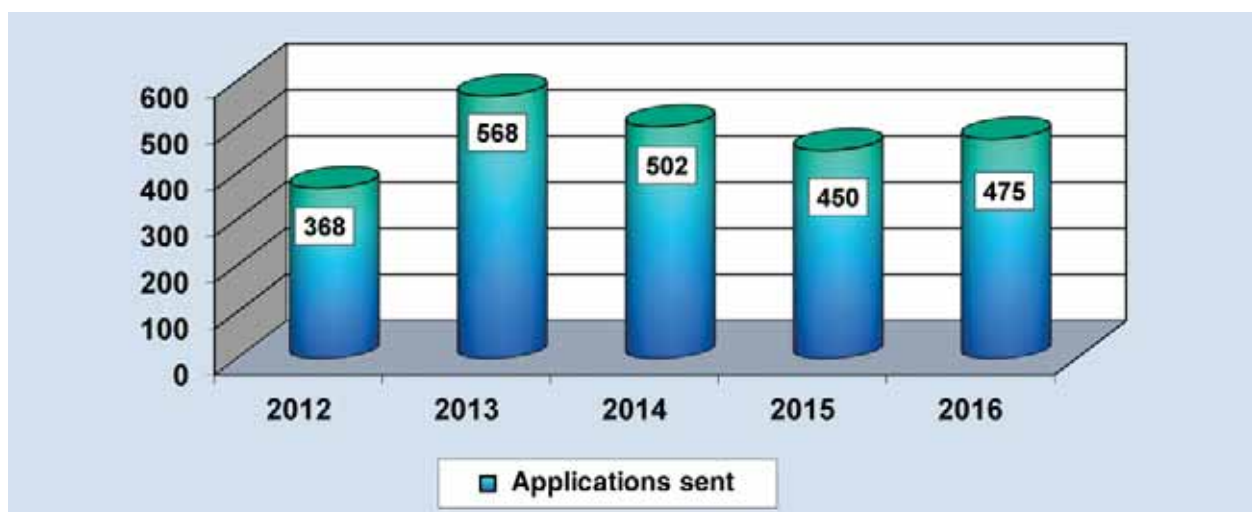


Figure 2.16: Trends in residents' activity in the international registration of trademarks

## 2.2. Oppositions against Decisions on Applications and Invalidation of Titles of Protection

### Industrial Property Rights Enforcement in Administrative Form

In 2016, a total of 119 oppositions against the SIPS decisions were filed with the Appeals Chamber, shared by industrial property categories as follows: 99 – trademarks and service marks, 15 – inventions, 4 – utility models, 1 – industrial design.

The Appeals Chamber boards held 224 sessions dealing with 14 oppositions against decisions on invention applications, 1 opposition against decisions on utility model application, 89 oppositions against decisions on trademark and service mark applications.

A total of 104 decisions of the Appeals Chamber were forwarded to appellants, in particular, 69 decisions were to fully satisfy the opposition, 2 decisions – to partially satisfy the opposition and 33 decisions were to dismiss the opposition. In the year under review, 20 applications on declaration of the marks to be well-known in Ukraine were filed with the Appeals Chamber. The Appeals Chamber boards held 23 sessions. A total of 12 decisions declared the marks to be well-known in Ukraine.

### Industrial Property Rights Enforcement in Legal Form

In 2016, the Courts of Ukraine commenced proceedings on 175 cases related to industrial property rights enforcement where one of the litigants was SIPS and/or Ukrpatent. The breakdown of the cases is as follows:

- on invalidation of: certificates for trademarks and service marks – 44; patents for industrial designs – 15; patents for inventions – 5; patents for utility models – 15;
- on early termination of: the effect of certificates for trademarks and service marks – 26; the effect of international registrations on the territory of Ukraine – 5;
- on declaration of the marks to be well-known in Ukraine – 6;
- on industrial property rights recognition, enforcement and termination of infringements – 19;
- on recognition of rights in trademarks and service marks – 5;
- on invalidation of contracts on the assignment of rights in trademarks and service marks – 9;

- against the SIPS decisions on applications for trademarks and service marks, inventions, utility models, industrial designs and rights transfer – 20.

SIPS enforced 75 judgements of court, in particular:

- on invalidation of certificates for marks in full – 20, partially – 3;
- on early termination of the effect of certificates for marks in full – 11, partially – 5;
- on early termination of the effect of international registrations of marks in full – 5, partially – 1;
- on invalidation of patents for industrial designs – 3;
- on invalidation of patents for utility models – 9;
- on invalidation of patents for inventions – 2;
- on declaration of the marks to be well-known in Ukraine – 5;
- on renewal of a mark – 5;
- on registration of a mark – 2;
- on declaration of proprietary rights to marks – 2;
- on invalidation of contracts on the assignment of industrial property rights – 2.

A total of 41 titles of protection invalidated by court decisions were entered into the state registers:

- on invalidation of certificates of Ukraine for marks in full – 22, partially – 3;
- on invalidation of international registrations of marks in full – 4, partially – 3;
- on invalidation of:
  - patents for inventions – 2;
  - patents for utility models – 8;
  - patents for industrial designs – 6.

Relating to copyright and related rights:

- on copyright protection and invalidation of copyright and/or certificates – 6.

The cases on intellectual property rights enforcement were considered in courts of general jurisdiction (77 cases), economic courts (69) and administrative courts (29 cases).

SIPS and/or Ukrpatent took part in 1,167 court sessions to represent their interests.

### Approval of inclusion of the designation containing the official name of the state «Ukraine» in a trademark

In 2016 the Commission on approval of inclusion of the designation containing the official name of the state «Ukraine» in a trademark examined 55 requests, 11 of them received in 2015, and made

37 decisions on approval of inclusion of the designation containing the official name of the state «Ukraine» in a trademark; 11 – on refusal as for such approval; 5 – on submission of supplementary materials; 2 – on withdrawal of the request. Upon examination of 11 requests, submitted in 2015, decisions are as follows: 8 – on approval and 3 – on refusal.

### 2.3. Registration of Data on Disposition of Industrial Property Rights

The total number of registrations of contracts on disposition of industrial property rights in 2016 amounted to 2,152 (Figure 2.17) and increased by 3% as compared with the previous year, among them:

- 1,953 registrations concerning assignment of exclusive industrial property rights;
- 101 registrations concerning issuance of licenses on the exploitation of industrial property rights;
- 98 open licenses on the exploitation of rights in inventions and utility models.

As of December 31, 2016, data concerning 27,957 contracts on disposition of industrial property rights were entered into the state registers, including 5,699 contracts concerning inventions and utility models, 20,899 – trademarks and service marks, 1,359 – industrial designs. The information on entering data on disposition of industrial

property rights into the state registers is represented in Table 2.10.

The data in Table 2.10 shows that in 2016 the number of registered license contracts on exploitation of industrial property rights decreased by 11.4% as compared with the previous year, primarily due to the shortening of the registered licenses on exploitation of trademarks (by 20.2%). The number of registered contracts on exploitation of other industrial property rights remains almost the same.

The number of registered information on assignment of rights in industrial property rights in the year under review increased by 6.6% due to the information on trademarks and utility models entered into the state registers. At the same time the number of registered contracts on assignment of rights in industrial designs decreased almost by 40%.

Comparing to the previous year 30% less of open licenses for inventions and utility models were published.

Data presented in Table 2.11 shows that the activity of Ukrainian right owners in transfer of economic rights in trademarks increased by 6% but registered licenses on exploitation of trademarks among national right owners decreased by 33.3%. The number of registered licenses on assignment of rights in trademarks by foreign owners also increased by 28.6%, the number of registered license agreements – by 20%.

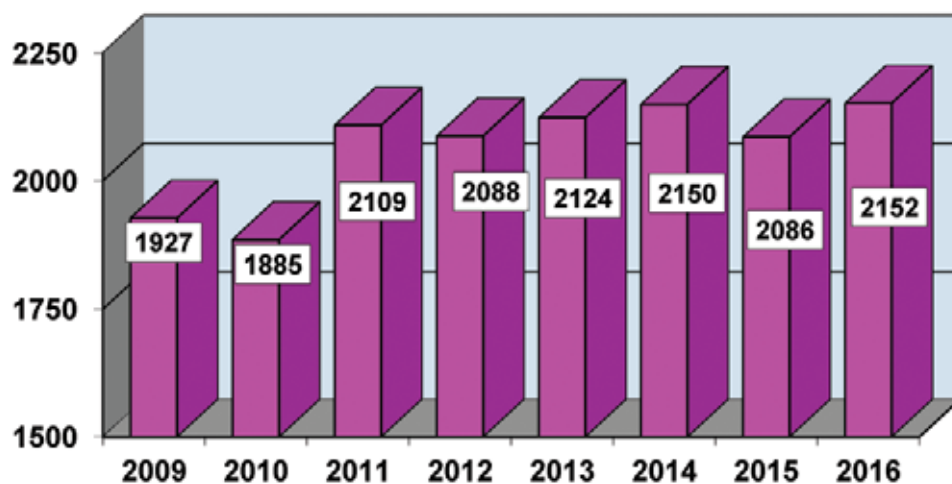


Figure 2.17: Trends in registration of contracts on disposition of industrial property rights in 2009-2016

**Table 2.10: Breakdown of registered contracts on disposition of industrial property rights**

Kind of contract	Number of registered contracts									
	Inventions		Utility models		Industrial designs		Trademarks		Total	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
Total, incl.	179	148	121	111	107	70	1,679	1,823	2,086	2,152
Non-exclusive licenses	1	3	2	4	3	4	74	50	80	61
Exclusive licenses	–	4	3	2	1	1	30	31	34	38
Sole licenses	–	–	–	–	–	–	–	2	–	2
Assignment of right	103	96	51	55	103	62	1,575	1,740	1,832	1,953
Open licenses	75	45	65	50	–	3	–	–	140	98

**Table 2.11: Comparative data on entries to the register on disposition of economic rights in trademarks and number of trademarks information on which is entered into the register**

Kind of contract	Number of contracts		Number of trademarks and service marks	
	2015	2016	2015	2016
Contracts on assignment of exclusive economic rights in trademarks and service marks, incl.	1,575	1,740	2,997	3,123
by Ukrainian owners	1,260	1,335	2,228	2,133
by foreign owners	315	405	769	990
License contracts on exploitation of trademarks and service marks, incl.	104	83	167	134
by Ukrainian owners	81	54	128	70
by foreign owners	23	29	39	64

#### 2.4. Automation. Information Technology Implementation

Implementation of information technology in 2016 was aimed at improving the efficiency of processing intellectual property rights applications in the environment of automated systems, reduction of paperwork and influence of the human factor on performance of the state system of intellectual property legal protection.

The solution to this important task involved implementation of plans for further development of technological automated systems, automation of document management and integrated electronic

data processing, introduction of new software, advanced computer and communication equipment.

#### Automation of applications processing. Development of technological automated systems

Processing of applications for intellectual property rights is supported by the program and technical complex (PTC) which provides for operation of the integrated information system including technological automated systems, databases, the general electronic document management system, the electronic document archive, systems for docu-

ment registration, accounting of fees, forming data sets for publication, etc.

Further development of the information system in 2016 was provided by modernization of technological automated systems and expansion of their functionality. Modernization scope is defined by the concept of information technology implementation for a specified period and the relevant development plans. The reporting year is characterized by implementation of actual results, including creation of new automation systems and enhancement of the existing ones.

Thus, in connection with appointment of Ukrpatent as an International Searching Authority and an International Preliminary Examining Authority (ISA/IPEA) series of actions on technological processes automation for international searches, preparing reports and preliminary examination of international applications took place in 2016.

At the first stage the automated document management system design for the ISA/IPEA procedures was created. The design documentation represented procedures, functional decomposition and technical solutions of the automated system (AS), contained logic and physical structure of the database, registers, classifiers, directories, other components of the AS. In the second half of 2016 the objective of the final phase of the AS creation was implemented, including development of a set of software modules:

identification of a system user; software update on user workstations; system administrator; master form of the system; editor of the application bibliographic data; data downloading from the PCT-EDI system.

Another project was designed to ensure electronic maintenance of the State Register of patents of Ukraine for inventions and the State Register of patents of Ukraine for utility models. In the reporting year, as a part of the project, the «Inventions»

AS was improved resulting in introduction of the following new features:

- composition of a register page as of the registration date to the current date with all the introduced changes;
- storage and display of all published wordings of patent claims and specification according to WIPO Standard ST. 50;
- sending emails with an electronic signature and a correspondence number;
- registration of payment documents on the maintenance of patents in case of their receipt to the official e-mail address of Ukrpatent (office@uipv.org);
- display (indication) of information regarding a fee amount (in UAH) paid in the foreign currency as of the date and time of payment of such a fee;
- calculating of fees surcharges and their crediting in case of inheritance or transfer of rights;
- blocking of actions with titles of protection which were seized pursuant to judgment;
- search by a licensor, licensee and recipient;
- possibility to mark the expected payment of maintenance fees under Article 12 of the Patent Law Treaty and Rule 13 of the Regulations under this Treaty directly in the «Patent Dossier»;
- display of information on changes (performed operations) for all objects of the «Inventions» AS (revision history);
- other service functions.

Due to the implemented measures maintenance of the State Registers is simplified and a large number of paper documents is excluded from circulation.

In 2016, modernization measures of the «Incoming documents» AS were also employed, where a new technology of composing and mailing certificates of receipt of applications for registration and grant of titles of protection to all intellectual property rights was implemented. According to the requirements specification there were implemented



automated procedures and functions that ensure composition and storage of certificates in electronic form in the database, automatic routing of certificates in electronic form and sending to applicants, automatic processing, printing and grouping of certificates by address along with other outgoing documents to be sent to applicants and patent holders.

#### **Automation of Document Management and Complex Electronic Processing of Information**

In 2016 IT projects were in progress aimed at implementation of electronic technology for processing applications and electronic exchange of documents with external counterparties, due to which a number of technological measures is implemented and is being implemented at Ukrpatent, the most important of them resulting in:

- introduction of converting technology for current incoming paper documents and the paper applications collection into electronic format;
- creation of an operational electronic document archive;
- implementation of the internal electronic document management process in all technological automated systems;
- implementation of the general electronic documents management (inneroffice memos, orders, regulations, contracts, statements, protocols, letters, etc.) and its integration with technological automated systems and the electronic document archive;
- implementation of the electronic filing;
- introduction of a single electronic document classifier.

Further development of this area was accompanied by development and implementation of specialized software tools for applying digital signatures to certain electronic documents created in automated systems.

In the year under review works were also completed on the study of the document exchange processes, their formalizing and definition of technical requirements for establishing a system of electronic interaction of the examination authority with the relevant entities in the processes of acquisition or maintenance of intellectual property rights. The ultimate goal of such a system is to automate the electronic document exchange works. This package provides for introduction of electronic documents into the system, their registration, distribu-

tion, editing, operational saving, search and review, execution control, differentiation of access to them, etc. At the end of the reporting year, the system technical design was finalized in accordance with regulations on the requirements for electronic document management data formats, procedure of work with electronic documents in the office and their preparation for transfer to archive storage. Complex implementation and commissioning of the system is scheduled for the end of 2017.

#### **Services of Information Resources Accessible to the Public**

In 2016 the second version of the electronic filing system was improved (for topographies of integrated circuits and appellations of origin applications) by development of additional software modules that implement functions of filling-in online application form and verification of data, generation of an e-reflection of a paper application form, registration of an application, filling-in of forms, attaching the documents that make up the application.

In order to organize a homogeneous environment of formation, processing and exchange of electronic documents in applications examination procedure the electronic filing system was integrated with technological automated systems.

For support and development of open data and providing for their free use the measures were implemented including:

- development of special software to automatically generate data sets of all the state registers of industrial property rights;
- formation of descriptions for all data sets;
- website development (<http://opendata.uipv.org>) for users access to data sets;
- software development for batch downloading of data.

As a result, an interactive information resource for open data sets with information from all the state registers of industrial property rights was created. Formation, publication and update of open data is performed automatically based on publication schedule of the Official Bulletin «Promyslova Vlasnist» (Industrial Property).

In the year under review publicly accessible databases and information-and-reference systems were maintained to help users access and search information about applications and registered industrial property rights via the Internet. The use of databases is constantly monitored. The 2016

usage statistics of databases that include information on inventions, utility models, trademarks and industrial designs registered in Ukraine is reflected in Table 2.12.

A total of about 550 thousand users referred to the mentioned information services and got over one thousand consultations and recommendations on the database services operation and use.

#### **IT Infrastructure. Program-and-Technical Complex**

The tendency towards data expansion processed by the data center at Ukrpatent makes new demands on the reliability and performance of the Program-and-Technical Complex (PTC). In order to meet the demands IT infrastructure is being constantly adapted, systematic monitoring, diagnosis and analysis of its condition is introduced.

In 2016 at Ukrpatent, in support of IT infrastructure, there were implemented measures to administer and monitor system and application resources of technology automated systems, monthly routine and other works to support performance of the PTC, system and application software of automated systems and to maintain the integrity of information stored in databases.

For early detection of errors and contingencies, permanent monitoring of the system software and hardware operation, providing for work of automated systems, was established. For diagnosis and analysis special Zabbix and Spiceworks software is used. Using Zabbix 3.2 version provides for monitoring the status of various computer network services, servers and network equipment. Spiceworks system includes HelpDesk features and inventory possibility that implement automatic processing of users inquiries, provide for keeping their history and getting the latest information about the current status of software and hardware.

To further improve IT infrastructure, enhance its

reliability and security of electronic data, testing of the VDI technology (Virtual Desktop Infrastructure) was conducted in the reporting year which provides for the possibility to create a virtual IT infrastructure and fully deploy workstations based on a single server. The VDI stand is built for testing in the computer network based on real servers, storage systems and HP T420 Thin Client. The results of testing and analysis of the necessary future investments will be taken into account for decisions on implementation of this technology at Ukrpatent.

### **2.5. Information Support of Examination of Applications for Industrial Property Rights**

#### **Patent Information Resources**

In order to meet the examiners need in true and up-to-date information, primarily for proper patent information provision of functioning as an ISA and IPEA, formation of a number of patent information funds and electronic resources, that make the patent information base for examination purposes, was provided at Ukrpatent during 2016. Replenishment of foreign patent documents collection on optical discs was in progress. Main source of acquisition of foreign patent documents for examination purposes and for the public needs (see Section 5.5) is a bilateral international exchange of patent documentation with foreign patent offices, carried out by Ukrpatent as the center of international exchange of publications. Over the course of 2016, Ukrpatent received almost 500 CDs from 11 national patent offices and the Eurasian Patent Office.

According to the approved composition of information resources for information searches, for the purpose of filling the contents of electronic information resources of Ukrpatent for the examination purposes, data sets from 381 optical discs received within the international exchange of pat-

**Table 2.12: Usage Statistics of the Internet Databases**

Database	Number of searches	Number of retrieved documents
Inventions (utility models) in Ukraine	545,781	1,154,864
Trademarks and service marks registered in Ukraine	1,577,182	1,577,182
Industrial designs registered in Ukraine	63,346	50,571



ent documentation, were used. It should be noted that the decrease tendency retained in the number of disks with foreign patent documents received by Ukrpatent, which is connected with discontinuation by some foreign patent offices of traditional ways of publishing patent documents on physical carriers and making them available through the Internet, spreading of data exchange via FTP-servers. In the second half of 2016, the Eurasian Patent Office started providing access to its patent documentation for the exchange partners through the restricted access area of the web-portal of the Eurasian Patent Organization.

The Reference and Information File (RIF) for examination was replenished in 2016 by about 1,200 copies of books, booklets, periodicals, as well as national patent documentation – current publications of the Official Bulletin «Promyslova Vlasnist» (Industrial Property) on CD-ROM and the national CD-ROM «Vynakhody v Ukraini» (Inventions in Ukraine).

The works on expanding electronic resources for information support of the examination procedure which are accessible through the local Intranet network was in progress, in particular the content of the following information and search systems is considerably expanded:

- the Network Electronic Catalogue was replenished by about 2,000 documents;
- the full-text non-patent literature database of the Search Portal was replenished by digitalizing printed publications from own collections and publications obtained from other information sources, in particular, the Knowledge Base – a part of the said database – was replenished by over 7,400 documents.

In 2016 maintenance of the standards available in the RIF for examination was in progress. The electronic information resource «Catalogue of regulations of Ukraine, available in information resources of Ukrpatent» was maintained after its implementation in 2015. To provide this activity in the reporting year, on a regular basis, the «Standarty» («Standards») periodical information

index, published by the State Enterprise «Ukrainian Research, Development and Training Centre for the Matters of Standardization, Certification and Quality» functioning under the Ministry of Economic Development and Trade of Ukraine, was processed. The revealed information on changes and amendments was entered directly to the documents of the electronic information resource

An integral part in the information support of examiners is the system of providing materials through inter-library loans using the collections (primarily electronic ones) of 77 Ukrainian libraries. Electronic copies of the requested information resources are obtained through the electronic document delivery.

Examiners requests for non-patent literature, primarily for the PCT Minimum Documentation, were also provided using the Access to Research for Development and Innovation (ARDI) program, coordinated by WIPO (Switzerland), «ScienceDirect ArticleChoice» Service by Elsevier B.V. (Netherlands), content of the IEEE Xplore Digital Library of the Institute of Electrical and Electronics Engineers (USA), ACS products of the American Chemical Society (USA) and the Wiley Online Library by Wiley Subscription Services, Inc. (USA). As in previous

years, free national and foreign Internet resources were used.

Due to effective utilization of the abovementioned resources in the reporting year 100% of queries for articles from the PCT Minimum Documentation periodicals were complied. Totally, according to the examiners queries, about 1,700 documents were provided, 71% of which – in electronic form.

In 2016 examiners were provided with access to foreign commercial databases, the use of which is necessary for quality of patent searches at Ukrpatent functioning as an ISA and IPEA, namely:

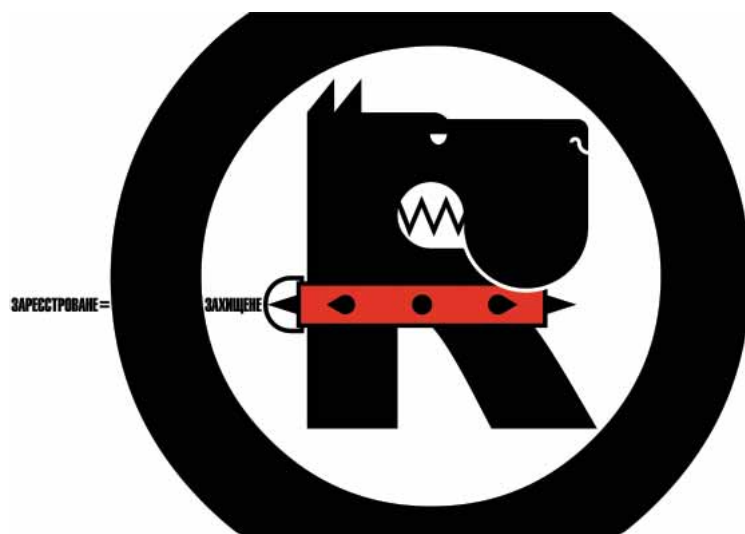
- the EPO's EPOQUE Net system (Germany) – the major search tool among foreign commercial Internet resources providing for the full access to the patent documentation of the PCT Minimum



Documentation and is used by examiners for effective and high-quality patent search for qualification examination of applications for inventions and utility models;

- REAXYS database by ELSEVIER B.V. (Netherlands);
- Derwent World Patent Index (DWPI) database by Thomson Reuters (Professional) UK Ltd. (United Kingdom), accessible through the EPO's EPOQUE Net system;
- STN files and features by FIZ Karlsruhe (Germany).

In 2016 cooperation was provided with com-



mercial providers of foreign resources relating to renewal of the expiring agreements. A new agreement was concluded with Thomson Reuters (Professional) UK Ltd. for access to DWPI, effective until April 2018, and arrangements were made for concluding the agreement between the EPO and Ukrpatent relating to access of examiners to the EPO's EPOQUE Net search system for the following 4 years starting from the year 2017.

In the framework of data exchange, in the reporting year Ukrpatent continued loading of the current national patent documentation from the National CD-ROM "Inventions in Ukraine" to the EPO's FTP-server with the aim to fulfill the obligations of Ukrpatent under the relevant Agreements on access of Ukrpatent to the EPO's EPOQUE Net search system and to provide representation of the Ukrainian patent documentation in the EPO Internet resource Espacenet.

## International Classifications

To provide for the use of the WIPO international classifications in the process of applications examination and their use by applicants and general public, as well as to fulfill the commitments under the international agreements on international classifications acceded by Ukraine, in 2016 works were continued on updating the Ukrainian translations of international classifications and on implementation of their new versions/editions in the state system of intellectual property legal protection, in line with the strategy and practice adopted by WIPO.

With regard to activities relating to the International Patent Classification (IPC) the year 2016 was an outstanding one. Resulting from the works of the previous year on the amendments and additions to the IPC introduced by WIPO on January 1, 2016, traditionally, the Ukrainian version of IPC-2016.01 entered into force and a new IRS «International Patent Classification. Ukrainian Version (2016.01)» was created. Moreover, a long-lasting action plan<sup>2</sup> was completed which resulted in implementation of the full text of the IPC translated into Ukrainian since April 1 of the reporting year.

In connection with the adoption of amendments and additions to the IPC by WIPO in 2016 and its new version entering into force on January 1, 2017, the following was provided in 2016:

- translation from English into Ukrainian, scientific and terminological, scientific and technical editing of the amendments and additions to the IPC with the aim of its updating and implementation as of January 1, 2017 of the full text of IPC-2017.01;
- creation of a new IRS «International Patent Classification. Full text (2017.01)», free access to which is provided as from January 2017 through the SIPS and Ukrpatent web-resources.

At the same time, verification of the terminological unity compliance in the previously translated text of the IPC in accordance with modern

<sup>2</sup> After division of the IPC into the core level and the advanced level in 2006, which was cancelled in 2010, implementation of such WIPO decisions in the state system of intellectual property legal protection required a protracted period of time and a multi-phased action plan for which reason it was decided to create and use the Ukrainian version of the IPC which was established in 2007 and comprised the core and partially advanced levels translated into Ukrainian. Along with that the action plan was developed aimed at use of the full text of the IPC, eventually.

Ukrainian lexical and spelling norms and the state of the art in certain technical fields, differing with more rapid development, was in progress.

In connection with the fact that WIPO introduced changes to the 2016 version of the tenth edition of the International Classification of Goods and Services for the Purposes of the Registration of Marks (Nice Classification), and amendments adopted during the whole five-year revision period of the tenth edition, and the eleventh edition of this Classification entered into force on January 1, 2017, the following was provided in 2016:

- translation from English into Ukrainian, scientific and terminological, scientific and technical editing of the changes and additions to the Nice Classification (10-2016) were carried out in order to provide the use of Nice Classification (11-2017), translated into Ukrainian, in the state system of intellectual property legal protection;

- creation of the IRS «International Classification of Goods and Services for the Purposes of the Registration of Marks (Nice Classification). Eleventh edition, version 2017», which is freely accessible as from January 2017 through the SIPS and Ukrpatent web-resources.

Over the course of 2016, the Ukrainian translation of the Nice Classification was continu-

ously refined for its further update with taking into account the norms of the modern Ukrainian language, increase of the scope of names of goods and services offered to consumers in line with the trends in goods/services market development, etc.

As in the year under review WIPO also introduced amendments and additions to the tenth edition of the International Classification for Industrial Designs (Locarno Classification), with conceptual changes in the structure of publication of this Classification, and the eleventh edition of the Classification entered into force on January 1, 2017, the following was provided in 2016:

- translation from English into Ukrainian, scientific and terminological, scientific and technical editing of amendments and additions to the tenth edition of the Locarno Classification, as well as overall refinement of the Ukrainian translation of the Classification, were carried out in order to provide the use of the eleventh edition of the Locarno Classification, translated into Ukrainian, in the state system of intellectual property legal protection;

- creation of the IRS «International Classification for Industrial Designs (Locarno Classification). Eleventh edition», which is freely accessible as from January 2017 through the SIPS and Ukrpatent web-resources.

## 3 Copyright and Related Rights

### 3.1. State Copyright Registration

Over the course of 2016, a total of 6,534 applications for registration of copyright on a work were filed with SIPS and 6,143 state registrations of copyright on a work were effected, which is 13.5% more than in the previous year (Figure 3.1). Some 1,984 registrations of copyright on works made for hire were effected, which is about 6.7% down compared with 2015 (1,050 registrations). As in the previous year, registrations of works for hire wherein economic rights belong to employers prevail (854 registrations). The number of registrations of works for hire wherein economic rights belong jointly to the employee and their employer amounts to 130 registrations.

In the reporting year 419 applications for the registration of agreements on author's rights for a work were filed, 382 agreements on author's rights for a work were registered (Figure 3.2). The large majority of registered agreements concerned the transfer (alienation) of proprietary rights for a work (344). A total of 20 agreements on transfer of exclusive rights and 18 agreements on transfer of non-exclusive rights for the use of a work were registered.

The data on registrations effected in 2016 were published in the SIPS Official Bulletin «Avtorske Pravo i Sumizhni Prava» (Copyright and Related Rights) and in the State Registration Catalogue.

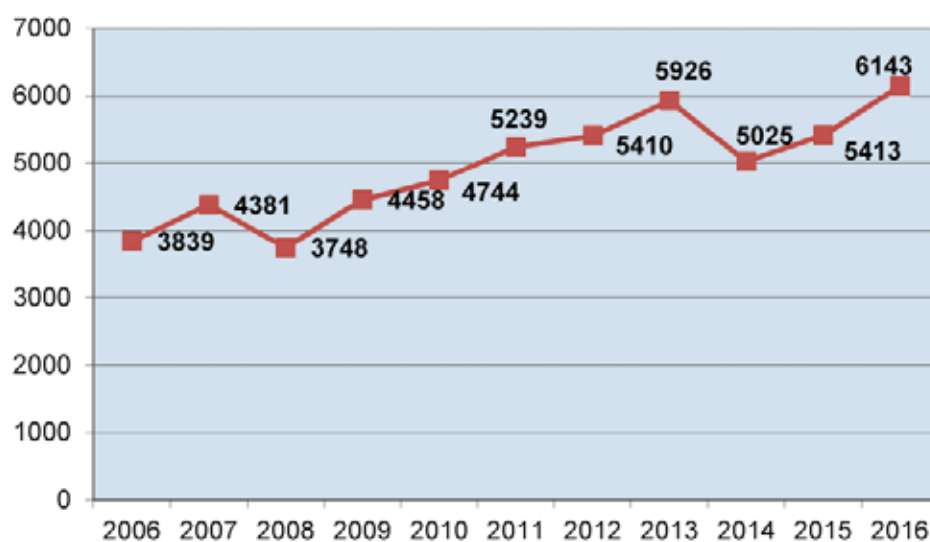


Figure 3.1. Trends in state copyright registrations

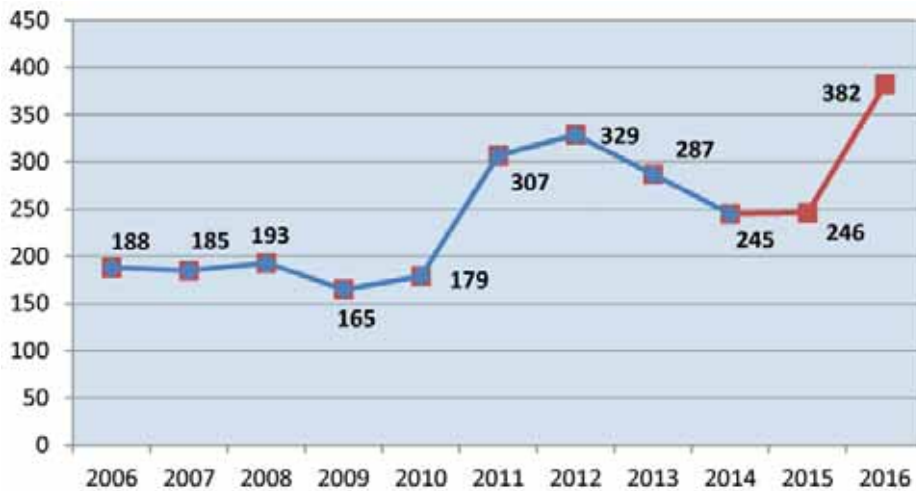


Figure 3.2. Trends in state agreement registration

### 3.2. Activities of Collective Management Organizations

As of the end of 2016, 18 collective management organizations were in the SIPS register.

In the report year SIPS took measures to stop the uncontrolled growth of the number of collective management organizations in Ukraine (see Section 1), which made it possible to start to optimize the existing situation on accounting the collective management organizations in Ukraine before the respective law on the activities of collective management organizations is adopted. At present, no accounting of new organizations is carried out.

However, as during the operation of the Order of accounting of collective management organizations and monitoring their activities (further – the Order of accounting) its wording underwent amendments and additions with the aim of avoiding missing the deadlines for preparing and submitting accounting information by collective management organizations, a notice for these organizations was made available on the SIPS web-site providing a detailed description of respective amendments and additions brought to the Order of accounting ([http://sips.gov.ua/ua/inf-povidomlennia-oku\\_16082016](http://sips.gov.ua/ua/inf-povidomlennia-oku_16082016)).

In 2016, as part of the work on monitoring the activities of collective management organizations, SIPS imposed sanctions on the organizations breaching the requirements of the Order of accounting. For instance, for non-compliance with the legislative requirements when submitting reporting information by collective management organizations

in accordance with the Order of accounting, SIPS imposed the following sanctions:

- 1) the «Guild of Videogram and Phonogram Producers» Association was cautioned on the necessity to comply with legislative requirements;
- 2) the non-governmental organization «Ukrainian Author Service» was cautioned on the necessity to comply with legislative requirements;



- 3) the authority of the All-Ukrainian non-governmental organization «CINEMA» as a collective management organization to conclude contracts for remuneration collection or contracts for granting permission to use copyright and related rights objects was suspended for 10 days;

- 4) the All-Ukrainian non-governmental organization «Agency for Performers' Rights Protection» was cautioned on the necessity to comply with the legislative requirements;

- 5) the authority of the «Guild of Videogram and Phonogram Producers» Association as a collec-

tive management organization was suspended for 5 days;

6) the authority of the All-Ukrainian non-governmental organization «CINEMA» as a collective management organization was suspended for 5 days;

7) the authority of the Union of Citizen Groups «Association on Audiovisual Rights Management «ARMA-Ukraine»» as a collective management organization was suspended for 5 days.

For systematic breaching of the requirements of Ukrainian copyright and (or) related rights legislation insofar as it refers to meeting deadlines for submitting reports, operating as a collective management organization breaching the requirements of Articles 48 and 49 of the Law of Ukraine «On Copyright and Related Rights», SIPS, within the mandate foreseen by the legislation, made the decision to strike the All-Ukrainian non-governmental organization «Intellectual Property Management» from the register of collective management organizations.

#### State Organization «Ukrainian Agency of Copyright and Related Rights» (UACRR)

The UACRR is a collective management organization which on the basis of agreements signed

directly with authors or right holders manages their property rights. It is the only Ukrainian member of the International Confederation of Societies of Authors and Composers (CISAC).

Over the course of 2016, the UACRR significantly increased the efficiency of author's remuneration collection, having collected almost UAH 50 million of royalties, which is 20% higher than the numbers of the previous year. The total amount of the distributed

remuneration in the report year reached over UAH 42 million. Following CISAC's recommendation, the UACRR switched to a new system of royalty payment, having made them maximally fast (Figure 3.3).

The increase in the efficiency of collection was made possible thanks to the tough stance the UACRR takes towards the users of authors' content – following the world trends in copyright, the agency set a course for the increase of royalty rates and a more rigorous approach to users' (in particular, those of radio stations, TV channels, food outlet networks) commitments before right owners.

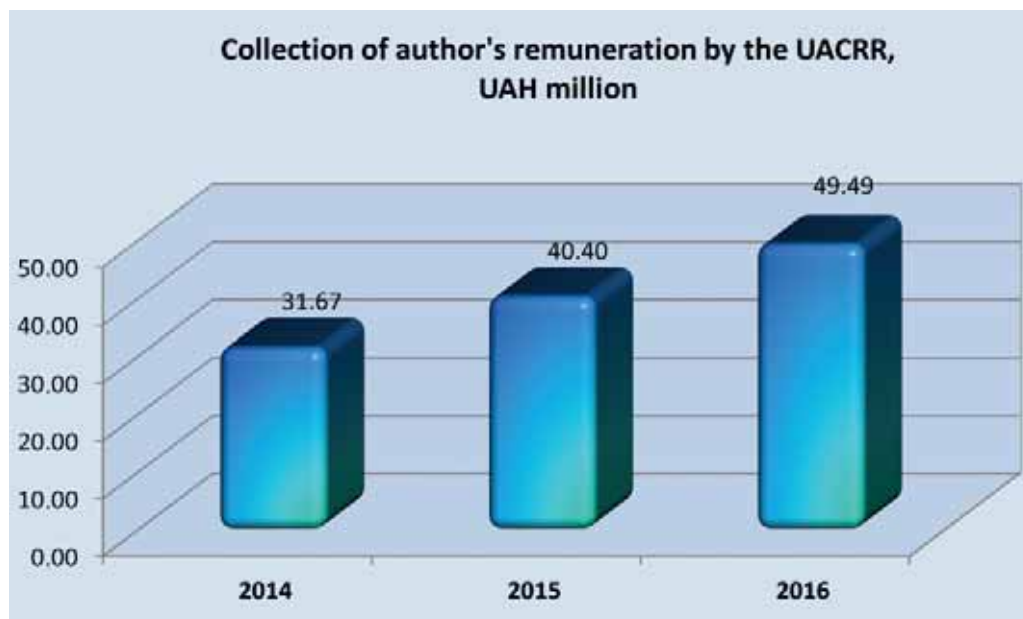


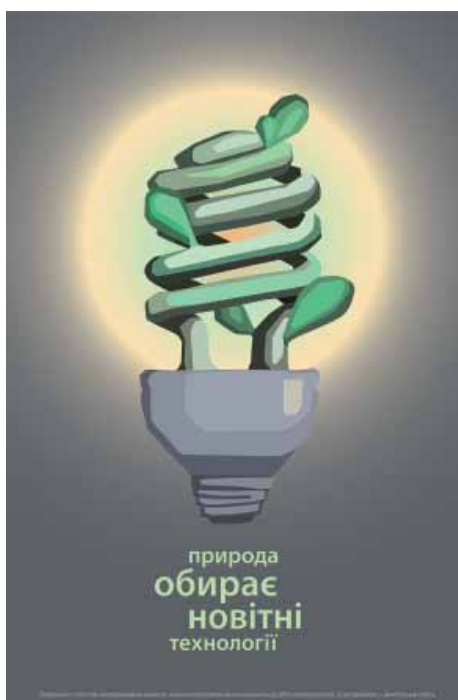
Figure 3.3 Collecting authors' remuneration in 2014-2016

The UACRR built an active dialogue with prominent Ukrainian authors – agreements with the organization for royalty payment in 2016 were signed with the most famous domestic bands and singer-songwriters, including Eurovision-2016 winner singer Jamala. In total, the UACRR has agreements with over five thousand Ukrainian authors and on the basis of concluded agreements with foreign collective management organizations protects the rights of about 5 million authors from all over the world.

In the report year the UACRR continued to extend the base of users paying royalties through it. For instance, 12 contracts were signed with Ukrainian radio stations (thus making a total of 101 contracts), 8 contracts – with TV channels and cable television networks (a total of 54 contracts), several dozens of contracts were signed with large food outlet and public service networks.

The UACRR takes active part in the intellectual property protection reform in Ukraine, holds regular consultations with specialists from CISAC and WIPO, proposes ways of redesigning the national collective management system thus bringing it closer to international standards.

The UACRR began the development of a sys-



tem of electronic collection and distribution of royalties as a single database of authors, users and works. The use of this resource will considerably speed up the processes of operations with royalties, make them maximally transparent and available for authors and users.

The UACRR is continuously integrating into the world collective management system, having signed agreements on mutual representation with 15 foreign collective management organizations in 2016, in particular with representatives of Greece, Guatemala,

Mongolia, Montenegro and India. The total number of agreements with foreign partners reached 127. The UACRR collected and distributed royalties for foreign partners – on the basis of the agreements signed with world leading collective management organizations as much as UAH 12.2 million was paid (Figure 3.4).

In the report year the UACRR continued to protect authors' rights by judicial and complaint procedure. Almost UAH 2.6 million were recovered from copyright infringers and authors' content abusers, which exceeds the last year's figures several times.

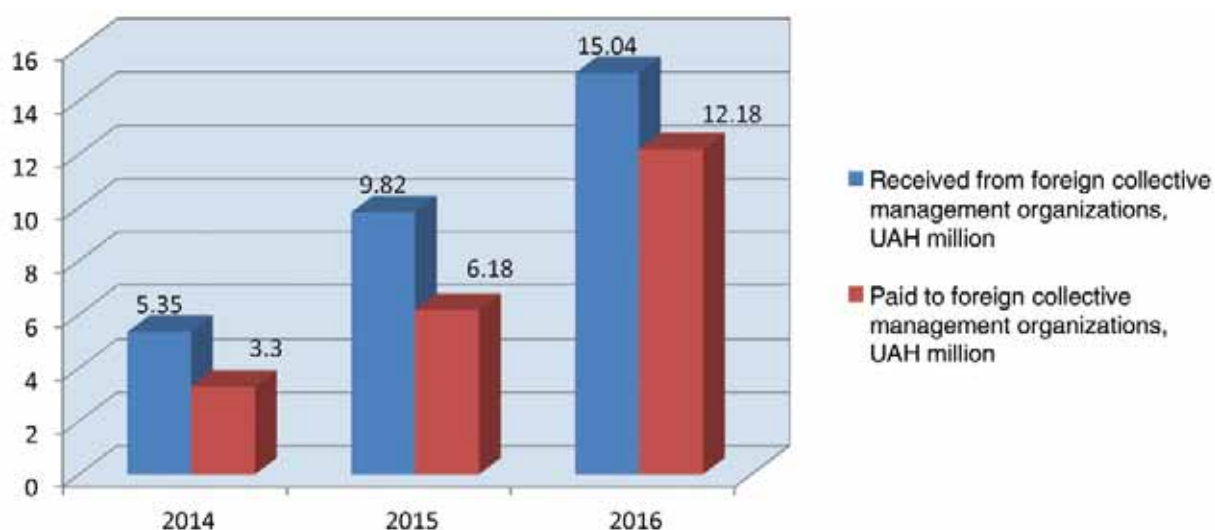


Figure 3.4. Amounts of royalties received and paid in 2014-2016

### 3.3. Software Legalization

In execution of the Order of the Cabinet of Ministers of Ukraine of September 10, 2003 No. 1433 «On approval of the Order of the use of software in executive power bodies», in 2016 SIPS collated the results of creating software inventory submitted by executive power bodies. The relevant information together with the data on the changes in the number of unlicensed copies of software in executive power bodies was sent to the Ministry of Economic Development and Trade of Ukraine in April 2016.

In execution of the instruction of the Vice-Prime-Minister of Ukraine, the Minister of Culture of Ukraine, Mr. Viacheslav Kyrylenko, of March 4, 2015 No. 8424/1/1-15, on carrying out inspections of the software used in executive power bodies, 12 inspections of the use of software by the central offices of executive power were carried out by state inspectors on intellectual property matters during 2016. The results of the inspections were published on the SIPS official web-site. The undertaken work was confined to the establishment of the exact amount of software used in executive power bodies, identification of their actual needs in software and in further legalization. This work resulted in gradual self-maintained forming of budget requests for software purchase in 2016 by central executive power bodies.

### 3.4. Maintenance of the Register of Software Producers and Distributors and Issue of Control Marks

SIPS maintains the Register of software producers and distributors and issues certificates confirming entering data to the mentioned Register. Starting from 2003, as many as 1,867 certificates were issued to economic operators.

In 2016, 45 applications were submitted to SIPS and 41 certificates were issued by it on entering data to the mentioned Register.

In the report year, SIPS ensured issuing control marks to

importers, exporters and reproducers of copies of audio-visual works, phonograms, videograms, software and databases, maintaining the Single Register of Recipients of Control Marks according to the Law of Ukraine «On Distribution of Copies of Audio-Visual Works, Phonograms, Videograms, Software and Databases». As opposed to previous years, where a tendency toward the decrease of the number of applications for control marks was observed, in 2016 as many as 1,704,815 control marks were issued, among them 2,700 were of «A» series and 1,702,115 of «K» series, which is 15.7 % more than in 2015 (1,473,207).

### 3.5. Control over the Observance of Legislation in the Use of Copyright and Related Rights Objects

In 2016 SIPS continued to carry out the control and supervision of the observance of the legislation in the intellectual property sphere.

The state inspectors on intellectual property matters activated their struggle against infringements by economic operators which use intellectual property rights in their activities. The majority of such infringements concerned software use.

During the report year 185 planned actions of state supervision (control) were held, based on the results of which 1 protocol on an administrative offence was drawn up and referred to court under Article 51-2 of the Code of Ukraine on Administrative Offences. Infringements in the sphere of software use for the amount of about UAH 2 million were prevented.

In execution of the instruction of the Vice-Prime-Minister of Ukraine, the Minister of Culture of Ukraine, Mr. Viacheslav Kyrylenko, of March 4, 2015 No. 8424/1/1-15 on ensuring the inspection of the software used in executive power bodies, state inspectors on intellectual property matters carried out in the report year 12 inspections of the software use in the central office of executive power bodies.

In the reporting year the inspectors actively participated





in the work of Coordination Councils on combating intellectual property rights infringements, where the core issues were:

- establishing continuous cooperation of law enforcement and controlling bodies in taking joint measures to combat infringements in intellectual property sphere;
- organizing outreach activities among different sectors of population and entrepreneurs to prevent infringements in this sphere;
- covering major problems and results of combating infringements in the intellectual property sphere by the media.

In Lviv, Kharkiv and Odessa regions, the inspectors carried out a number of outreach events dedicated to the matters of effecting contracts on the right to utilize IPRs by economic entities; clarification of the legislation in the intellectual property sphere; lawfulness of using software in the executive power bodies and local self-governing authorities. The collaboration of the state inspectors on intellectual property matters with the Coordination Councils resulted in placing social advertising on intellectual property rights protection in the city of Odessa (15 billboards).



## 4 International Cooperation

### 4.1. Cooperation with the World Intellectual Property Organization

SIPS, as a central executive power body, is responsible for the engagement with the World Intellectual Property Organization and on a constant basis ensures cooperation with this specialized UN agency.

During 2016 representatives of the state system of intellectual property legal protection took part in the work of WIPO and closely followed the processes of adoption of important decisions to timely respond and ensure Ukraine's participation in the realization of the WIPO policy with due consideration of the national interests of our country. To this end, Ukrainian specialists regularly take part in the work of the WIPO decision-making bodies, as well as its principal committees and working groups.

Within the framework of implementation of the Agreement between SIPS and the WIPO International Bureau in relation to the functioning of the State Enterprise «Ukrainian Intellectual Property Institute» as an International Search Authority and International Preliminary Examination Authority under the Patent Cooperation Treaty, Ukrpatent already received first international applications

from foreign applicants as ISA/IPEA in the reporting year.

In October, within the framework of the Program of Cooperation between SIPS and WIPO for 2014-2016, the WIPO Regional Workshop on Intellectual Property for Small and Medium-Sized Enterprises and Building Respect for Intellectual Property Rights was held. In this specialized event for experts from business community and intellectual property specialists, representatives of Ukraine, the United Kingdom, Spain, Azerbaijan, Hungary, Tajikistan, Georgia, Turkey and Uzbekistan took part. The invited specialists studied the experience and best practices of various countries on supporting small and medium-sized enterprises, examined the peculiarities and difficulties of development and realization of business strategies,

and discussed WIPO recommendations on boosting the role of innovative SMEs for the growth of national economies. The participants of the seminar and experienced Ukrainian and foreign speakers discussed the importance of effective cooperation of responsible state

bodies and right owners, legal aspects of combating counterfeiting and piracy, exchanged best practices in countering infringement of intellectual property rights, considered the examples from court practice of different countries. The consid-



erable number of participants in this international event indicates that there is a growing understanding in the society of the importance of intellectual property for the success of business and economic prosperity.

WIPO yearly awards Ukrainian inventors, artists and entrepreneurs with its official awards to stimulate them to aspire to new creative achievements and victories. During this seminar, Ukrainian representatives were decorated with WIPO medals «For Inventors» and «For Creativity», and WIPO IP Enterprise Trophy.

One of the WIPO's priority activities is the organization of training on intellectual property matters aimed at raising the professional level of diverse target audiences. WIPO traditionally invites Ukrainian specialists to participate in diverse regional seminars, training courses and programs on intellectual property matters. In the reporting year, Ukrainian specialists took part in the Regional Seminar on the Patent Law Treaty (Minsk, Belarus), Regional Conference on Intellectual Property and Sport (Vilnius, Lithuania), Conference on the Global Digital Content Market (Geneva, Switzerland), International Conference on Intellectual Property and Genetic Resources and Traditional Knowledge (Ankara, Turkey), Regional Seminar on Combating the Spread of Pirated Products (Issyk-Kul, Kyrgyzstan), Conference on Intellectual Property Matters for the Countries of the Silk Road Economic Belt (Beijing, China), International Training «Macroregional Innovative Week» (Trieste, Italy), Seminar on the Trade And Healthcare Matters (Geneva, Switzerland), Regional Seminar on the Development of Patent Legislation (Baku, Azerbaijan), International Training Course on Copyright and Related Rights for Officials (London, the United Kingdom), Seminar on Development of Intellectual Property Strategy and Policy (Beijing, China).

Within the framework of realization of the Program of cooperation between SIPS and WIPO for 2014-2016, in particular of Chapter III «Cooperation on Patent Information, Documentation and Standardization Matters» Ukrainian specialists were taking part in the work of the Committee on WIPO Standards, namely in the work of its reconvened 4th session, and in the meetings

of the Committee Task Forces. Ukrainian specialists were engaged in on-line work of a number of Task Forces in the basic areas of the Committee's activities – revision of WIPO Standard ST.14, development of new standards on exchange of the data on the legal status of patents, multimedia (motion) trademarks, preparation of recommendations on the changeover from WIPO Standard ST.25 to Standard ST.26, as well as other projects of the Committee having to do with ensuring the necessary support and amendment of Part 7 of WIPO Handbook on Industrial Property Information and Documentation, developing recommendation on an authority file of patent documents issued by a national or regional patent office.

In the reporting year cooperation with WIPO continued in connection with the creation and start of the operation on the WIPO web-site as of 2015



of the Ukrainian-language version of the on-line tool «Madrid Goods and Services Manager» developed by WIPO with the aim to assist applicants in drafting lists of goods and services for the purpose of filing international applications under the Madrid System (<https://webaccess.wipo.int/mgs/>).

Using this tool provides for significant assistance for applicants in drafting lists of goods/services for the international registration of a mark and serves as an auxiliary information means for drafting applications for the registration of marks under the national procedure.

The Ukrainian language version of Madrid Goods and Services Manager provides access to the alphabetical lists of goods/services and class headings of the current version of the International Classification of Goods and Services for the Purposes of the Registration of Marks (Nice

Classification) in the Ukrainian language. At the same time continuous works are carried out to ensure the presentation in Ukrainian of new interface elements implemented by WIPO in the course of the development of this on-line tool.

#### 4.2. Cooperation with the European Union

Implementation of the European Union (EU) technical assistance Twinning project «Strengthening the Protection and Enforcement of Intellectual Property Rights in Ukraine», launched in 2014, was completed in Ukraine.

During the project implementation, Ukrainian specialists in cooperation with the European experts developed 9 draft laws with the aim to harmonize the legislation of Ukraine in the intellectual property sphere with the relevant EU legislation and to implement into it the provisions of Chapter 9 of the Association Agreement, in particular on the enforcement of intellectual property rights, combating piracy on the Internet, activities of collective management organization and industrial property rights protection.

Within the framework of the project a number of trainings for Ukrpatent specialists examining applications for industrial property rights were held. In collaboration with Ukrainian specialists, a curriculum was developed to train over 200 examiners. The European experts also provided training for the members of the SIPS Appeals Chamber in order to share experience and best practices used by appeal and judicial bodies of the EU member states and the boards of appeal of the Office for Harmonization in the Internal Market (currently – European Union Intellectual Property Office, EUIPO).

One of the project's components was dedicated to the training of representatives of law-enforcement, controlling and judicial bodies of Ukraine active in the sphere of intellectual property rights protection. Some 280 representatives of judiciary establishment from the city of Kyiv and the regions of Ukraine, in particular courts of general sessions

and economic courts, took part in diverse trainings and workshops; 176 representatives of customs bodies completed topical trainings; study visits were organized to the Spanish and Danish Patent and Trademark Offices, to OHIM, as well as to some courts of Madrid and Alicante.

Within the framework of the project, the European experts developed recommendations on upgrading the operation of the digital electronic library; works on the preparation of the methodology for assessing the piracy level were undertaken; a case law report of the European Court of Justice was published to familiarize the Ukrainian judges with the best European practice in this sphere.

Representatives of SIPS, the Ministry of Economic Development and Trade, the National Agency of Ukraine on State Service, Delegation of the European Commission to Ukraine, the State Foundation of Spain on International Cooperation, Spanish and Danish Patent and Trademark Offices, right holders and representatives of businesses took part in the Conference dedicated to the official closing of the Twinning project. The participants stressed that thanks to the efficient cooperation of all parties involved it was possible to achieve the majority of the anticipated results, and expressed confidence that the realization of the best practices

of the Twinning project will have a positive impact on the efficiency of legal protection and enforcement of intellectual property rights in Ukraine.

#### 4.3. Cooperation with the European Patent Office

In 2016, bilateral cooperation between Ukrpatent and the European Patent Office continued in the sphere of information resource use:

- the EPO, within the framework of the signed agreement, provided access for Ukrpatent to the EPO's EPOQUE Net system;
- in execution of the commitments defined by the current agreement for Ukrpatent's access to



the EPO's EPOQUE Net system and to ensure presentation of the Ukrainian patent documentation in the EPO's Internet-resource Espacenet, Ukrpatent, within the framework of data exchange, continued to upload current arrays of the national patent documentation from the national CD-ROM «Vynakhody v Ukraini» (Inventions in Ukraine) to the EPO FTP server.

In the reporting year measures were taken to conclude a new Agreement between the EPO and Ukrpatent relating to the granting of access to the EPO's EPOQUE Net system for the years 2017–2020.

#### 4.4. Cooperation with the U.S. Government in the Intellectual Property Field

As is known, in 2015 Ukraine finally managed to get clear of the pirate № 1 status given to the state which is the largest intellectual property rights infringer in the world.

Taking into consideration the efforts of the Ukrainian Government aimed at overcoming the problematic occurrences still taking place in this sphere, and a certain progress demonstrated by our country, the United States of America took a positive decision on Ukraine and moved it from the lowest position of a Priority Foreign Country to the Priority Watch List within the Special 301 Report.

Last year, the U.S. Government, having monitored the state of affairs in the sphere of intellectual property rights legal protection and enforcement in our country, decided not to change the status of Ukraine and left it in the Priority Watch List.

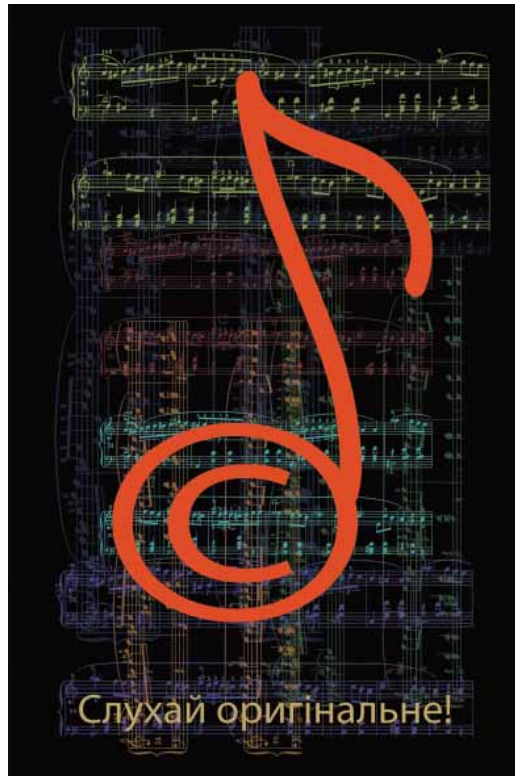
#### 4.5. Bilateral Cooperation

In October 2016 Ukraine welcomed Cemil Başpınar, Vice President of the Turkish Patent and Trademark Office. During his visit, Mr. Başpınar met with the SIPS and Ukrpatent management.

In the course of working meetings the parties shared their experience and best practices of operating intellectual property offices and briefed each other on different initiatives on improving the patent examination activities. The Vice President of the Turkish Patent Institute studied the work of the Ukrpatent's examiners, noted the high quality level of their work and visited the single Museum of intellectual property legal protection in Ukraine. Summarizing the results of the meeting, its participants noted that exchange of hands-on experience and skills between patent offices of European countries is an important constituent for the devel-

opment of intellectual property sphere on the European and world arena. At the conclusion of the visit it was agreed to intensify the cooperation between the Ukrainian and the Turkish Offices.

Also in the reporting year SIPS studied Reports on the Review of Trade Politics of the USA, Japan and Russian Federation within the framework of WTO and provided propositions thereto.



# 5 Providing Public Access to Information Relating to Intellectual Property Rights Protection

## 5.1. Internet Resources of the State System of Intellectual Property Rights Protection

In 2016 the state system of intellectual property legal protection in Ukraine was presented on the Internet through the following resources:

- [www.sips.gov.ua](http://www.sips.gov.ua);
- [www.ukrpatent.org](http://www.ukrpatent.org);
- [www.iii.ua](http://www.iii.ua);
- [www.uacr.org](http://www.uacr.org);
- [www.fabrikaidei.kiev.ua](http://www.fabrikaidei.kiev.ua).

The main one among them is the official website of SIPS [www.sips.gov.ua](http://www.sips.gov.ua). In 2016 the works on its updating and improving continued.

During the reporting year over 700 information items, among them nearly 300 «News» items, were published on the website pages in Ukrainian and English. Statistic and dynamic sections were updated by topical information on the events which took place in the state system of intellectual property legal protection throughout the year. Over 400 photographic materials from conferences, seminars, meetings etc. were published. Sections and separate headings, useful as for specialists of the system as well as for applicants and interested persons («About SIPS», «Administrative Services», «Laws and Regulations», «Access to the Public Information», «Community Council», «Copyright and Related Rights», «Feedback» etc.) were

regularly updated. Two drafts of regulatory legal acts with all necessary supporting documents were published.

Information on the events which were carried out by foreign specialists for Ukrainian colleagues in the framework of the Twinning project (training for judges, seminars for experts, workshops and other advisory activities, which largely contributed to the exchange of experience, establishment of relations between Ukrainian and foreign specialists in the sphere of intellectual property legal protection) was presented on the SIPS official website.

In total, over 50 publications in Ukrainian and English were posted on the SIPS Internet-resource in the reporting year. Experts, who worked in the framework of the Twinning project, provided all the willing with the opportunity to familiarize themselves with electronic materials on the carried out events. Thus, nearly 80 speakers' presentations are accessible for downloading.

To ensure transparency and openness of SIPS activities, electronic copies of the SIPS orders on approval of the Appeals Chamber decisions and texts of these decisions that were taken since September 23, 2011 were published in the reporting year. Information on 98 marks for goods and services; 12 marks declared to be well-known in Ukraine; 12 inventions and utility models was published on the SIPS website in 2016.



Attendance of the [www.sips.gov.ua](http://www.sips.gov.ua) web-resource made up on average over 27 thousand users per month; in whole, over 320 thousand users visited the web-resource in 2016 (Figures 5.1 and 5.2). Over the reporting year, users from different countries (Ukraine, Russia, the USA, Germany, the United Kingdom, Belarus, India etc.) reviewed

over 1 million pages. Data on attendance activity of separate countries are shown in Tables 5.1 and 5.2. Foreign countries the visitors of the [www.sips.gov.ua](http://www.sips.gov.ua) web-resource are presented in Figure 5.3.

In 2016, 1,050 letters, mostly concerning administrative services, copyright and related rights, industrial property rights protection, as well as



Figure 5.1. The number of web visitors to the official website of the State Intellectual Property Service of Ukraine ([www.sips.gov.ua](http://www.sips.gov.ua)) in 2016



Figure 5.2. The number of pages visited on the official website of the State Intellectual Property Service of Ukraine ([www.sips.gov.ua](http://www.sips.gov.ua)) in 2016

Table 5.1: Countries the visitors, TOP-10, %

Ukraine	Russia	USA	Not defined	Germany	United Kingdom	Belarus	Poland	Netherlands	India
92.2	1.7	1.3	0.6	0.4	0.4	0.3	0.3	0.2	0.2

Table 5.2: Foreign countries the visitors, TOP-10, %

Russia	USA	Not defined	Germany	United Kingdom	Belarus	Poland	Netherlands	India	China
30.4	23.2	10.7	7.2	6.9	5.6	5.2	3.8	3.7	3.4

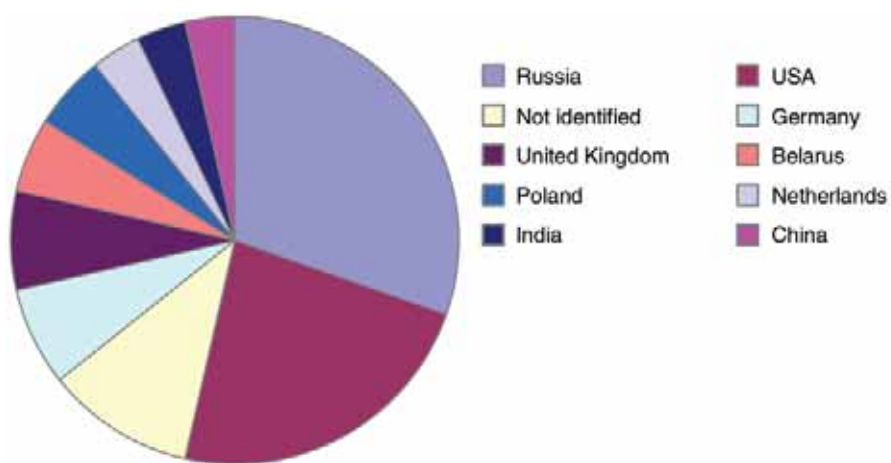


Figure 5.3 Foreign countries the visitors to the official website of the State Intellectual Property Service of Ukraine ([www.sips.gov.ua](http://www.sips.gov.ua)) in 2016

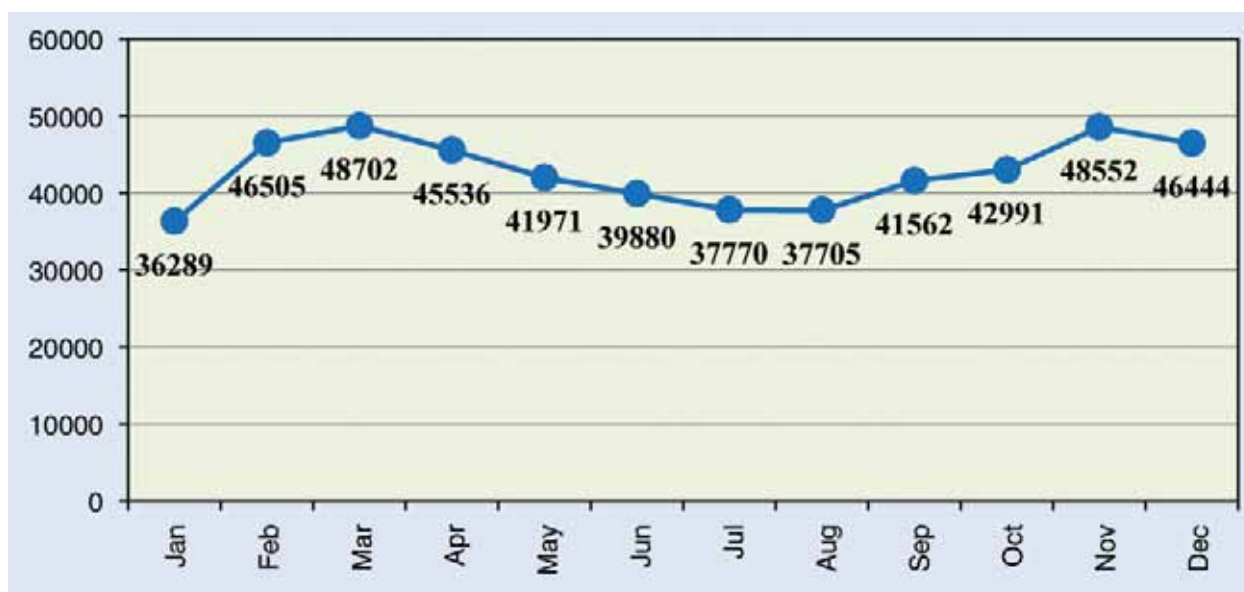


Figure 5.4. The number of visitors to the official website of Ukrpatent ([www.ukrpatent.org](http://www.ukrpatent.org)) in 2016



Figure 5.5. The number of pages visited on the official website of Ukrpatent ([www.ukrpatent.org](http://www.ukrpatent.org)) in 2016



legal initiative in the sphere of intellectual property, implementation of legislation to the EU standards, practice in application of legislation in the sphere of intellectual property were received on the email addresses of SIPS.

The web-site of Ukrpatent ([www.ukrpatent.org](http://www.ukrpatent.org)) also incurred changes and updates in 2016. Over 400 information materials, including about 250 news, and over 500 photographs from the events of the state system of intellectual property legal protection were placed on its pages. Traditionally, such sections were updated: «Databases and Information and Reference Systems», «Patent Information Collection», «For Patent Information Users» etc.

Over 510 thousand people visited the Ukrpatent website in 2016 (Figure 5.3 and 5.4) which is 32 thousand more than that in the previous year. The total number of visited pages of the web-resource exceeds 1 million 290 thousand. The Ukrpatent website became the most popular among the residents of Ukraine, Russia and the USA. Data

on attendance activity of separate countries are shown in Tables 5.3 and 5.4. Foreign countries the visitors are presented in Fig. 5.6.

In order to keep the web-resources of the state system of intellectual property legal protection up-to-date and informative, all sections and headings dedicated to patent information activities were closely monitored. Over the course of 2016:

- unofficial translation of the new WIPO Standard ST.68 «Recommendations for the Electronic Management of Sound Marks» was placed under the heading «WIPO Standards» of the Section «Standards in the Field of Intellectual Property» and unofficial translations of the number of WIPO Standards: ST.3 «Recommended Standard on Two-Letter Codes for the Representation of States, other Entities and Intergovernmental Organizations», ST.10/C «Presentation of Bibliographic Data Components», ST.14 «Recommendation for the Inclusion of References Cited in Patent Documents» and ST.60 «Recommendation Concerning Bibliographic Data

Table 5.3: Countries the visitors, TOP-10, %

Ukraine	Russia	Not defined	USA	Germany	United Kingdom	Belarus	India	Poland	Netherlands
93.2	1.9	0.8	0.7	0.4	0.3	0.3	0.3	0.2	0.2

Table 5.4: Foreign countries the visitors, TOP-10, %

Russia	Not defined	USA	Germany	United Kingdom	Belarus	India	Poland	Netherlands	China
34.9	14.5	12.3	8.3	5.7	5.3	5.3	4.3	3.2	2.8

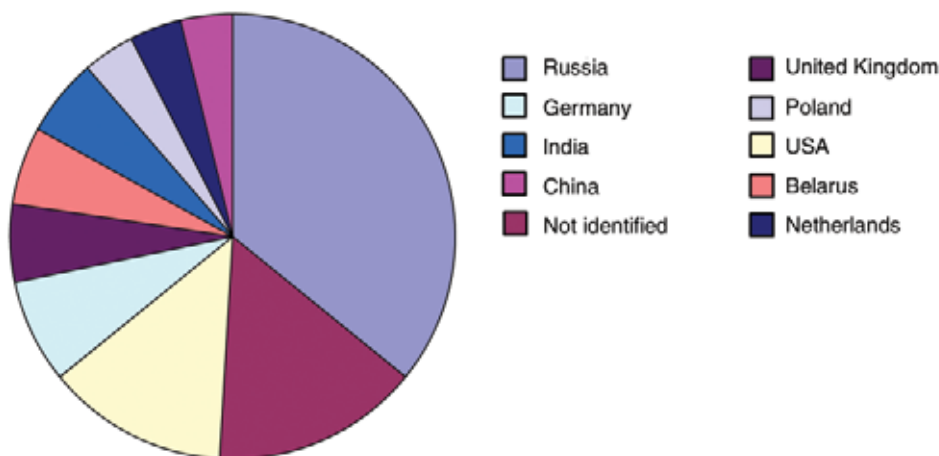


Figure 5.6. Foreign countries the visitors to the official website of Ukrpatent ([www.ukrpatent.org](http://www.ukrpatent.org)) in 2016

**Table 5.5: Publications on industrial property rights in 2016**

Publication Kind	Number of Publications
Applications for inventions accepted for examination	3 789
Patents of Ukraine for inventions	2 813
Patents of Ukraine for utility models	9 044
Patents of Ukraine for industrial designs	2 469
Certificates of Ukraine for trademarks and service marks	13 618
Well-known marks in Ukraine	20
Applications for the registration of qualified indications of origin of goods an/or the right to use qualified indications of origin of goods accepted for examination	2
Registration of qualified indications of origin of goods	3 070
Registration of the right to use qualified indications of origin of goods	2
Marks registered under the Madrid Agreement Concerning the International Registration of Marks and/or the Protocol Relating to the Madrid Agreement, to which protection was granted in Ukraine	7 415
Topographies of integrated circuits	–

**Table 5.6: Distribution of the national patent information products on optical carriers in 2016**

Patent information product	Free-of-charge distribution		Paid distribution	Total
	Ukrainian organizations	Intellectual property offices or organizations		
Yearly sets				
CD-ROM «Official Bulletin “Industrial Property”»	40	13	3	56
CD-ROM «Inventions in Ukraine»	27	5	2	34
CD-ROM «Trademarks and Service Marks Registered in Ukraine»	5	–	13	18
CD-ROM «Industrial Designs Registered in Ukraine»	–	–	1	1
Retrospective accumulative discs				
DVD «Trademarks and Service Marks Registered in Ukraine» (for 1993–2016)	–	–	1	1
DVD «Industrial Designs Registered in Ukraine» (for 1993–2016)»	–	–	–	–

Relating to Marks» were updated according to their current version published by WIPO;

- information under the headings «Patent Information Collections» and «International Classifications of Industrial Property Objects» and under the headings «Patent Information and Documentation News» and «EPO Learning and Reference Materials Available Free of Charge» under the Section «Users of Patent Information» of the Ukrpatent website was also updated;

- the «List of Addresses of Foreign Databases Accessible Free of Charge on the Internet» and the «List of Scientific and Technical Databases and Reference Resources Accessible Free of Charge on the Internet» were quarterly updated.

## **5.2. Interactive Databases and Information and Reference Systems**

In 2016, interactive databases (DBs) and information-and-reference systems (IRSs) containing information about the industrial property rights were continuously improved. Based on the DBs and IRSs monitoring results, measures were taken to improve these resources. In particular, the new format of classification symbols presentation of the IPC-2016.01 when publishing national patent documentation was taken into account. Also, DBs and IRSs regarding industrial property rights were further improved in the part of presentation bibliographic data, language interfaces, search functions and extension of the volume of information available for users.

## **5.3 Official and Information Publications**

According to the Regulations on the official publications of the state system of intellectual property legal protection, the Official Bulletin «Promyslova Vlasnist» (Industrial Property) was issued regularly twice a month in 2016.

In the reporting year, in order to improve the procedure of publishing the information on intellectual property rights in the official publications of the state system of intellectual property legal protection, amendments were brought to the

«Guidelines on the Order of Publishing Information in Some Official Publications of the State System of Intellectual Property Legal Protection».

In Table 5.5 data on the total number of published information on the IPRs in 2016 are presented.

In the reporting period, free of charge updating of the Ukrainian organizations patent collections by national patent documentation was continued with the Official Bulletin «Promyslova Vlasnist» (Industrial Property) on CD-ROM and the National CD-ROM «Vynakhody v Ukraini» (Inventions in Ukraine), which are used for the international exchange of patent documentation with foreign offices. As part of the exchange, sending of patent documents of Ukraine on optical discs to all partner offices was continued, except to those that initiated termination of mutual exchange. In Table 5.6 data on the distribution of national patent information products on optical carriers in 2016 are presented.

## **5.4. The Public Patent Documentation Collection**

Throughout the reporting period, updating of the Public Patent Documentation Collection (PPDC), which serves to provide access of the wide range of general public to the patent information necessary for study and analysis in the process of creation, legal protection and use of industrial property rights, was continued. The PPDC was updated by national and foreign patent documentation, first of all on optical discs, and supplemented with nearly 500 optical discs. As of December 30, 2016, the PPDC numbered nearly 20.7 thousand copies of official bulletins and over 433 thousand copies of patent specifications on paper, and the collection of patent documentation on optical discs contained over 33 thousand items.

Information about the content of the PPDC and its quarterly updates was published in the appropriate sections of the websites of the SIPS ([www.sips.gov.ua](http://www.sips.gov.ua)) and Ukrpatent ([www.ukrpatent.org](http://www.ukrpatent.org)), as well as at the web-page of the Ukrpatent Innovation Department ([www.iii.ua](http://www.iii.ua)).

# 6 Professional Training and Skills Upgrading. Dissemination of Intellectual Property Knowledge

## 6.1. Professional training and skills upgrading

In 2016, in the course of training of the Ukrainian intellectual property experts, and to promote intellectual property knowledge, SIPS together with Ukrpatent held seminars and round-table meetings on the following matters: «Improvement of examination of applications for marks for goods and services», «Practice of forensic examination of intellectual property rights», «Practice of considering objections by the Board of Appeals of the State Intellectual Property Service of Ukraine», «Practice of invalidating intellectual property rights in court», «Specifics of examination of applications for marks and industrial designs», «Prospects of implementation of administrative procedure for invalidation intellectual property rights in Ukraine». The complete list of events on intellectual property matters, held within the state system of intellectual property legal protection in 2016, can be found in Annex 2.

On July 5, 2016, the EU Twinning project «Strengthening the Protection and Enforcement of Intellectual Property Rights in Ukraine» came to an end. At the final stage of the project, in the first half of 2016, a few Workshops were held with the support of SIPS and Ukrpatent. In general, during the project, 676 people undergone training on intellectual property, including experts of SIPS and Ukrpatent, examiners, judges, customs officials, and representatives of the law enforcement agencies.

In 2016, for the purpose of professional development and improvement, and to disseminate intellectual property knowledge, experts of SIPS and

Ukrpatent took part in many specialized events in Ukraine. Those included the research-to-practice conference «Place and role of informational and intellectual property law in the current context»; the seminar «Protection of industrial designs other than copyright: examination of applications for patents/utility models»; the meeting regarding the matters of analysis of the judicial practice from the All-Ukrainian Public Organization «Ukrainian Bar Association», from the Committee on telecommunications, information technology and Internet, and from the Committee on intellectual property; the

round-table meeting «Intellectual property in IT»; the International conference «Technology and innovation: from scratch to end product», held in Lviv; VII Lviv Library Forum as part of the 23rd International Book «Forum of Publishers in Lviv»; III Intellectual Property Forum IPF-2016, set up by the «Legal Practice» newspaper; the expert workshop «Legal and regulatory framework for regulation of the audiovisual media services and electronic communications. European practices»; the round-table meeting by the International Trademark Association (INTA) in Ukraine

«Intellectual property rights enforcement and matters of combating infringements on the Internet»; the round-table meeting «Countering patent trolling in Ukraine in the context of intellectual prop-



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erty rights enforcement»; IX International business forum «Problems and prospects of innovation activities in Ukraine», etc.

In 2016, the international events in the field of intellectual property, where the experts of SIPS and Ukrpatent acted on behalf of the state system of intellectual property legal protection abroad, included the following: Conference on the Global Digital Content Market; 26th session of the Committee of Experts of the Nice Union for the International Classification of Goods and Services for the Purposes of the Registration of Marks; 32nd session of the WIPO Standing Committee on Copyright and Related Rights; 9th session of the PCT Working Group; 29th session of the PCT Committee for Technical Cooperation (CTC); Seminar on Intellectual Property and Genetic Resources and the 30th session of the WIPO Intergovernmental Committee on Intellectual Property and Genetic Resources, Traditional Knowledge and Folklore; 36th session of the WIPO Standing Committee on the Law of Trademarks, Industrial Designs and Geographical Indications; 14th session of the Working Group on the Legal Development of the Madrid System for the International Registration of Marks; 18th session of the WIPO Committee on Development and Intellectual Property; 33rd session of the WIPO Standing Committee on Copyright and Related Rights; Seminar on Intellectual Property and Genetic Resources; 32nd session of the WIPO Intergovernmental Committee on Intellectual Property and Genetic Resources, Traditional Knowledge and Folklore; Annual Meeting of the Users of the EPOQUE Net Search System; Conference on Intellectual Property for Countries along the Silk Road Economic Belt and the Maritime Silk Road in Beijing; International training seminar on the matters and topical issues of the copyright and related rights for the officials in London, etc.

**НЕ РОЗЯВЛЯЙ РОТА**



### **Certification of professional intellectual property representatives (patent attorneys)**

As of January 1, 2017, SIPS registered 514 intellectual property representatives (patent attorneys), who render services in the field of intellectual property rights protection.

In 2016, SIPS received 25 applications for certification of candidates to patent attorneys, including one to start an additional specialty. After reviewing the submitted documents, 24 candidates were admitted to the qualifying examinations and certification by the Certifying Commission. Under the Regulation on Intellectual Property Representatives (Patent Attorneys), approved by the Resolution No. 545 of the Cabinet of Ministers of Ukraine as of August 10, 1994 (as amended), the qualifying examinations are a part of the procedure of certification of patent attorneys and are mandatory to certify a candidate as a patent attorney for all or several intended specialties, applied thereby.

The qualifying examinations of candidates to patent attorneys were held at the premises of the educational institution, designated by SIPS, i.e. the Intellectual Property Institute of the National University «Odessa Law Academy» in Kyiv. This institution is licensed to conduct educational activities related to the training and skills upgrading of the professionals in «Intellectual Property», and possesses the relevant material and technical resources to hold such qualifying examinations.

Following the interview with the candidates to patent attorneys, held by the Certifying Commission of SIPS on December 16, 2016, and considering the results of the qualifying examinations, 20 persons were certified as intellectual property representatives (patent attorneys) and included in the State Register of Intellectual Property Representatives (Patent Attorneys).

## 6.2. Creativity Encouragement

In 2016, within completing the tasks to support innovation activities and promote intellectual property in Ukraine, SIPS arranged a number of focused events.

Yurii Kuznietsov, – the Ukrainian inventor and innovator, academician of the Higher Education Academy of Sciences of Ukraine, Doctor of Engineering, professor of the department of machine tool and mechanism engineering of the mechanical and machine building institute of the National Technical University of Ukraine «Kyiv Polytechnic Institute», was awarded with the WIPO Gold Medal «Distinguished Inventor» for excellence in innovation and noticeable contribution to the development of science and technology in Ukraine. Yurii Kuznietsov has been conducting research, innovative and inventive activities since 1968, and during this period has contributed greatly to the scientific and technological advance of the machine-building complex of the country. More than 70 inventions were implemented at 350 enterprises in Ukraine, Bulgaria and countries of the former USSR. The creative works of Professor Kuznietsov include about 1,000 scientific papers, in particular 24 monographs and handbooks, 8 textbooks, 34 manuals, 400 author's certificates of the USSR, Bulgaria, patents of Ukraine (31 of which are individual).

The honorary award, – the WIPO Medal for Inventors, was also served to Ihor Mikulionok, the honored inventor of Ukraine, Doctor of Engineering, professor of the chemical, polymer and silica mechanical engineering department of the National Technical University of Ukraine «Kyiv Polytechnic Institute», author and co-author of more than 500 inventions and utility models.

On November 1, 2016, Antonina Malysh, the Acting Chairwoman of SIPS, honored Ivan Drach with the WIPO Medal for Creativity. A prominent

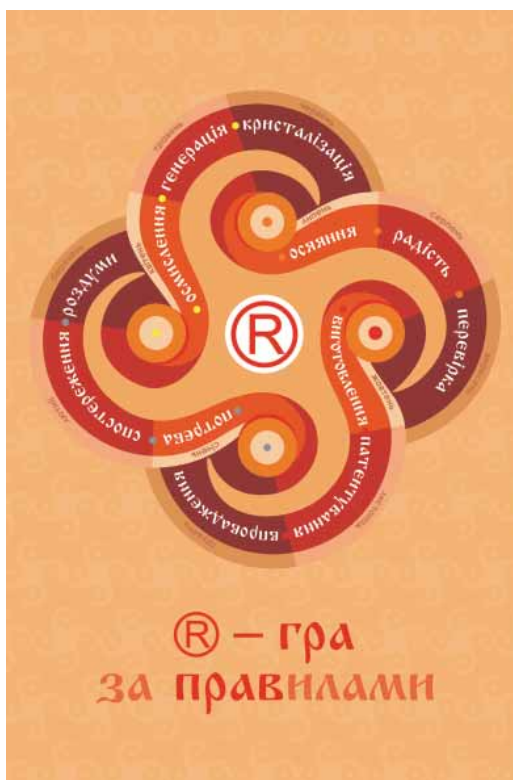
Ukrainian poet, translator, scriptwriter, playwright, statesman and public figure, the Hero of Ukraine received the award during the celebration of its 80th anniversary and presentation of his poetry album «Solomiani Vohon».

After the long break, Ukrpatent, under the auspices of SIPS, renewed the All-Ukrainian Contest «Invention of the Year». In early 2016, the winners were announced upon consideration of applications, filed in the previous year. Following two rounds of the Contest, the best invention of 2015 was decided to be the invention under the patent No. 97584B «Method of transportation of the vacuum-arc cathodic plasma with filtration of micro particles and a device therefor», created in the National Research Center «Kharkiv Institute of Physics and Technology»; the second prize was awarded to the invention under the patent No. 108131 «Fuel compartment of the upper stage of a launch vehicle», owned by the State Enterprise «M.K. Yanhel «Pivdenne» Design Office»; the third prize was awarded to the

invention under the patent No. 110280 «Micellar formulation for the delivery of anticancer drug», owned by Taras Shevchenko National University of Kyiv. Apart from them, winners in the absolute nominations «Best Utility Model of the Year», «Best Youth Invention», «Best Youth Utility Model» were decided; they were representatives of 17 regions and in 13 industry-specific categories. The Contest Commission honored a number of utility models with a special award for the efficient solutions in medicine.

In 2015, 394 works in total, including 161 inventions and 233 utility models, were submitted to the contest «Invention of the Year». Thus 80% of the total works (315) were submitted by the higher education institutions of Ukraine.

Winners of the All-Ukrainian Contest «Invention of the Year» were honored during the celebration of the World Intellectual Property Day, arran-



ged by SIPS and Ukrpatent on April 22, 2016. Representatives of the best projects were awarded prizes, diplomas and honorary cups. Also during the event, held at the Central House of Officers of the Armed Forces of Ukraine, the best military inventors, who work on strengthening the defense of the state, including in the combat zone, were honored.

October 10, 2016 was the starting date of receiving of applications for participation in the next All-Ukrainian Contest «Invention of the Year – 2016», also arranged by Ukrpatent under the auspices of SIPS. The applications had been received until December 12, 2016, and the winners of the contest are to be decided on April 10, 2017.

In November 2016, the meeting of the Contest Commission of the All-Army Contest «Best Invention of the Year – 2016» took place. This year, 18 military units and institutions of the Ministry of Defense of Ukraine and the General Staff of the Armed Forces of Ukraine, 13 enterprises of the military-industrial complex of Ukraine and research institutions, which produce military products and implement measures to strengthen the defense of the country, took part in the Contest. In total, 216 patents of Ukraine for inventions and utility models were submitted. Members of the Contest Commission reviewed the submitted documents, summed up the contest and decided the best inventions in 15 nominations, set in the Regulations for the Contest, approved by the Deputy Minister of Defense of Ukraine, through the Protocol No. 1 as of November 10, 2016.

On February 9-11, 2016, Kyiv witnessed the final stage of the annual All-Ukrainian Contest of the inventive and innovative ecological and naturalistic projects, held under the auspices of SIPS, Ukrpatent and the National Academy of Sciences of Ukraine at the National Ecology and Naturalistic Center for pupils of the Ministry of Education and Science of Ukraine (NENC). Also, on May 17-19, 2016, the final stage of the All-Ukrainian Contest of the inventive and innovative ecological and naturalistic projects was held at the NENC among 12-15-year-old pupils of the alternative, secondary and vocational educational institutions. Young contest winners were awarded honorary cups of the state system of intellectual property legal protection in Ukraine, and

five best projects, selected by the jury, were represented at further innovation-related public events in 2016.

Within the development of international IP cooperation, a two-day WIPO Regional Workshop on Intellectual Property for Small and Medium-Sized Enterprises and Building Respect for Intellectual Property Rights was held in Kyiv in October of the reporting year. During the workshop, the WIPO IP Enterprise Trophy was awarded to a small enterprise «Evergreenenergy» for the achievements in traditional and alternative energy.

As part of the events, dedicated to the All-Ukrainian Law Week, experts of SIPS and Ukrpatent took part in the Second Research and Cognitive Conference «Intellectual property and pharmaceutical industry», held by PJSC «Farmak», and in the round-table meeting on the topical issues of intellectual property legal protection, arranged by the State Enterprise «Antonov». Also, following the activities program of the All-Ukrainian Law Week, Ukrpatent arranged the Open House Day for future legal specialists, where the students could learn



the practicalities of examination process by visiting examination departments of the enterprise.

On July 25-30, 2016, Kyiv hosted the annual Summer School on Intellectual Property (WIPO general course). As usual, experts of SIPS and Ukrpatent acted as lecturers. The event took place at the Institute of Postgraduate Education of Taras Shevchenko National University of Kyiv. Participants of the Summer School gained new knowledge (including in the form of practical cases) through presentations by legal intellectual property practitioners, court experts, patent attorneys and researchers. This year Summer School was

held by SIPS, the Scientific Research Intellectual Property Institute of the National Academy of Legal Scientists of Ukraine, the Ministry of Economic Development and Trade of Ukraine, and Taras Shevchenko National University of Kyiv.

In order to promote knowledge on intellectual property development milestones in Ukraine, a number of excursions to the Museum of Intellectual Property Legal Protection were arranged for pupils and students of educational institutions of Ukraine.

During the events, aimed at promoting innovative activities and at raising public awareness about activities of the state system of intellectual property legal protection in Ukraine, which were held by SIPS or through the offices thereof in 2016, professionals, business representatives, pupils and students had pointed out repeatedly the topicality and timeliness of the said events, and stressed the need in further promotion of activities on disseminating IP knowledge in Ukraine.

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# 7. Annexes

## 1. Statistics

### 1.1. Applications for inventions by origin

Code	Country name	National procedure					PCT procedure				
		2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
	Total	2,834	3,132	2,675	2,506	2,422	2,110	2,286	2,139	1,989	1,673
UA	Ukraine	2,483	2,855	2,455	2,271	2,231	1	3	2	1	2
AT	Austria	4	2	4	1	–	44	48	53	41	25
AU	Australia	2	2	1	3	1	16	11	16	12	9
BE	Belgium	7	–	2	2	9	54	42	44	39	39
BY	Belarus	16	3	8	–	2	1	–	–	1	1
CA	Canada	5	4	1	2	–	12	23	20	13	18
CH	Switzerland	26	7	8	8	9	220	247	260	230	241
CN	China	2	4	14	1	–	22	42	27	23	30
CY	Cyprus	3	7	2	3	–	3	4	2	–	3
CZ	Czech Republic	2	1	2	4	2	5	10	9	15	12
DE	Germany	51	59	27	42	20	359	359	309	262	209
DK	Denmark	3	5	2	5	2	38	41	44	41	26
ES	Spain	1	1	1	1	–	36	33	38	24	24
FI	Finland	1	2	1	1	2	30	15	21	20	13
FR	France	14	25	21	6	8	126	145	114	105	91
GB	United Kingdom	4	6	3	14	10	90	90	92	89	73
HU	Hungary	1	3	–	–	–	15	12	6	7	8
IE	Ireland	1	–	–	2	–	9	12	12	24	9
IL	Israel	3	1	1	1	–	12	12	22	30	23
IN	India	–	1	–	2	2	22	23	13	16	22
IT	Italy	2	7	4	1	2	67	78	56	68	45
JP	Japan	33	10	5	6	4	86	90	100	66	64
KR	Republic of Korea	1	2	2	1	1	11	23	14	19	25
LU	Luxemburg	2	1	–	2	1	13	21	20	24	57
NL	Netherlands	3	3	3	4	3	63	55	64	45	53
NO	Norway	–	–	–	–	–	9	12	7	13	10
PL	Poland	7	5	11	10	8	9	19	26	24	12
RU	Russian Federation	31	26	24	28	23	68	103	31	31	31
SE	Sweden	4	1	4	2	–	27	30	48	38	25
SK	Slovakia	–	–	–	–	–	5	1	2	2	–
US	USA	106	75	54	76	64	562	596	620	603	415
VG	Virgin Islands (British)	6	1	1	–	–	5	6	1	1	–
ZA	South Africa	–	–	–	–	1	7	17	3	–	2
	Others	10	13	14	7	17	63	63	43	62	56

## 1.2. Applications for inventions by regions of Ukraine

Region name	2012	2013	2014	2015	2016
Total	2,483	2,855	2,455	2,271	2,231
The Autonomous Republic of Crimea	29	32	5	7	4
Vinnytsia	42	62	55	50	56
Volyn	12	8	15	14	10
Dnipropetrovsk	273	296	274	226	223
Donetsk	219	156	98	49	60
Zhytomyr	38	25	29	21	26
Zakarpattia	58	43	55	54	36
Zaporizhia	75	102	87	101	101
Ivano-Frankivsk	36	44	51	49	48
Kyiv	76	73	76	115	70
Kirovohrad	13	19	6	13	23
Luhansk	63	59	35	19	18
Lviv	96	104	118	94	102
Mykolaiv	41	46	69	34	43
Odesa	83	171	142	164	158
Poltava	28	30	23	27	27
Rivne	11	9	14	11	6
Sumy	29	55	40	35	14
Ternopil	21	17	49	21	14
Kharkiv	346	375	339	339	359
Kherson	23	28	30	16	20
Khmelnyskyi	20	17	12	13	14
Cherkasy	16	31	18	14	36
Chernivtsi	12	11	11	12	10
Chernihiv	13	14	14	9	24
The city of Kyiv	751	971	776	752	722
The city of Sevastopol	48	45	4	5	0
Not classified	11	12	10	7	7

### 1.3. Applications for inventions by fields of technology

Field of Technology	Resident applicants					Non-resident applicants				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Total	2,484	2,858	2,457	2,272	2,233	2,460	2,560	2,357	2,223	1,862
Electrical engineering	276	244	211	201	182	151	167	176	131	96
Electrical machinery, apparatus, energy	147	128	123	98	98	62	59	48	37	49
Audio-visual technology	11	12	7	11	6	14	30	62	38	4
Telecommunications	24	19	18	18	14	6	6	6	1	2
Digital communication	8	6	5	5	3	39	32	25	23	11
Basic communication processes	19	26	8	9	15	2	7	11	–	2
Computer technology	40	42	30	42	32	18	20	16	25	17
IT methods for management	7	3	3	1	4	8	11	7	6	9
Semiconductors	20	8	17	17	10	2	2	1	1	2
Instruments	448	530	461	481	353	96	120	106	91	70
Optics	18	16	10	14	12	3	7	5	1	5
Measuring	217	214	180	166	109	27	38	41	26	21
Analysis of biological materials	22	25	32	52	30	7	11	9	9	5
Control	34	41	38	37	27	11	9	8	9	5
Medical technology	157	234	201	212	175	48	55	43	46	34
Chemistry	783	874	779	664	495	1577	1619	1480	1440	1161
Organic fine chemistry	68	59	30	39	45	384	386	394	361	320
Biotechnology	21	22	37	26	18	195	196	203	192	159
Pharmaceuticals	87	108	114	96	91	351	356	322	340	273
Macromolecular chemistry	11	21	20	20	7	26	37	28	30	20
Food chemistry	124	180	170	134	80	103	128	96	61	49
Basic materials chemistry	65	75	71	56	54	239	234	177	234	145
Materials, metallurgy	182	162	125	104	74	110	114	115	101	105
Methods of surface treatment, coating	35	65	46	41	25	32	48	39	31	28

Field of Technology	Resident applicants					Non-resident applicants				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Micro-structural and nanotechnology	–	5	3	3	1	–	1	1	–	–
Chemical engineering	110	116	111	84	54	94	78	70	61	40
Ecotechnology	80	61	52	61	46	43	41	35	29	22
Mechanical engineering	668	884	637	629	504	445	450	359	362	278
Handling, conveying etc.	51	55	36	39	44	119	88	83	100	46
Machine tools	100	80	74	60	76	44	43	31	29	21
Engines, pumps, turbines	124	162	104	125	93	55	42	38	38	40
Textile and paper machines	20	21	14	22	10	29	19	17	18	15
Other special machines	173	263	187	152	116	93	119	97	107	69
Thermal process and apparatus	52	82	66	87	66	40	41	30	29	33
Mechanical elements	50	73	69	60	39	37	40	25	15	20
Transport	98	148	87	84	60	28	58	38	26	34
Other fields	215	189	174	161	136	181	199	232	195	204
Furniture, games	21	25	26	26	16	21	40	21	20	23
Other consumer goods	25	19	25	23	21	81	77	115	104	131
Civil engineering	169	145	123	112	99	79	82	96	71	50
Others and not classified	94	137	195	136	563	10	5	4	4	53

#### 1.4 Applications for inventions by the IPC classes

IPC class	Class Headings	Quantity of applications	Resident applicants	Non-resident applicants
A61	Medical or veterinary science; hygiene	585 (14.3%)	273 (12.2%)	312 (16.8%)
C07	Organic chemistry	432 (10.5%)	41 (1.9%)	391 (21%)
A01	Agriculture; forestry; animal husbandry; hunting; trapping; fishing	247 (6.0%)	84 (3.8%)	163 (8.8%)
G01	Measuring; testing	176 (4.3%)	149 (6.7%)	27 (1.5%)
A24	Tobacco; cigars; cigarettes; smokers' requisites	120 (2.93%)	1 (0.04%)	119 (6.39%)
C12	Biochemistry; beer; spirits; wine; vinegar; microbiology; enzymology; mutation or genetic engineering	110 (2.69%)	23 (1.03%)	87 (4.67%)
H01	Basic electric elements	89 (2.17%)	48 (2.15%)	41 (2.2%)
A23	Foods or foodstuffs; their treatment, not covered by other classes	83 (2.03%)	59 (2.64%)	24 (1.29%)
B65	Conveying; packing; storing; handling thin or filamentary material	78 (1.90%)	42 (1.88%)	36 (1.93%)
B01	Physical or chemical processes or apparatus in general	67 (1.64%)	27 (1.21%)	40 (2.15%)
H02	Generation, conversion, or distribution of electric power	66 (1.61%)	57 (2.55%)	9 (0.48%)
F16	Engineering elements or units; general measures for producing and maintaining effective functioning of machines or installations; thermal insulation in general	59 (1.44%)	40 (1.79%)	19 (1.02%)
C10	Petroleum, gas or coke industries; technical gases containing carbon monoxide; fuels; lubricants; pea	58 (1.42%)	35 (1.57%)	23 (1.24%)
C21	Metallurgy of iron	56 (1.37%)	17 (0.76%)	39 (2.09%)
G06	Computing; calculating; counting	52 (1.27%)	35 (1.57%)	17 (0.91%)
B23	Machine tools; metal-working not otherwise provided for	49 (1.20%)	47 (2.10%)	2 (0.11%)
E21	Earth or rock drilling; mining	45 (1.10%)	33 (1.48%)	12 (0.64%)
E04	Building	42 (1.03%)	24 (1.07%)	18 (0.97%)
F24	Heating; ranges; ventilating	42 (1.03%)	31 (1.39%)	11 (0.59%)
C01	Inorganic chemistry	39 (0.95%)	19 (0.85%)	20 (1.07%)
F02	Combustion engines; hot-gas or combustion-product engine plants	33 (0.81%)	25 (1,12%)	8 (0,43%)
F03	Machines or engines for liquids; wind, spring, or weight motors; producing mechanical power or a reactive propulsive thrust, not otherwise provided for	33 (0.81%)	32 (1.43%)	1 (0.05%)
C08	Organic macromolecular compounds; their preparation or chemical working-up; compositions based thereon	32 (0.78%)	11 (0.49%)	21 (1.13%)
C22	Metallurgy; ferrous or non-ferrous alloys; treatment of alloys or non-ferrous metals	32 (0.78%)	14 (0.63%)	18 (0.97%)

## 1.5. Patents for inventions by origin

Code	Country name	2012	2013	2014	2015	2016
	Total	3,405	3,635	3,319	3,014	2,813
UA	Ukraine	1,559	1,743	1,702	1,516	1,277
AT	Austria	30	42	45	49	38
AU	Australia	8	9	10	8	18
BE	Belgium	51	49	32	51	37
BG	Bulgaria	1	–	2	1	4
BY	Belarus	2	14	1	2	4
CA	Canada	16	18	14	13	12
CH	Switzerland	182	171	139	156	162
CN	China	15	30	24	21	27
CZ	Czech Republic	11	12	5	4	12
DE	Germany	332	306	306	239	239
DK	Denmark	51	38	29	23	28
ES	Spain	18	21	27	24	26
FI	Finland	26	41	22	20	14
FR	France	124	120	127	94	114
GB	United Kingdom	59	80	76	43	58
HR	Croatia	1	–	1	1	–
HU	Hungary	17	12	16	10	6
IE	Ireland	7	7	3	10	8
IL	Israel	10	10	6	5	9
IN	India	14	14	14	10	15
IT	Italy	51	63	56	41	58
JP	Japan	99	95	62	81	67
KR	Republic of Korea	20	16	17	13	12
LI	Liechtenstein	1	2	1	1	2
LU	Luxemburg	16	27	20	16	18
NL	Netherlands	62	52	31	48	33
NO	Norway	3	5	4	11	4
PL	Poland	13	7	13	14	20
RU	Russian Federation	54	102	65	50	56
SE	Sweden	35	32	20	26	26
SI	Slovenia	6	4	4	1	1
SK	Slovakia	2	2	1	1	2
US	USA	459	442	348	368	354
ZA	South Africa	14	6	9	6	6
	Others	36	43	67	37	46

## 1.6. Patents for inventions by fields of technology

Field of technology	Resident owners					Non-resident owners				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Total	1,559	1,743	1,702	1,516	1,277	1,846	1,892	1,617	1,498	1,536
Electrical engineering	155	180	195	108	115	214	203	108	84	119
Electrical machinery, apparatus, energy	75	99	83	43	67	35	26	35	25	46
Audio-visual technology	9	5	6	3	4	7	14	20	16	26
Telecommunications	18	15	26	9	12	26	10	4	3	4
Digital communication	2	1	7	3	4	129	123	29	21	14
Basic communication processes	16	19	28	8	4	3	5	2	7	6
Computer technology	23	24	33	34	19	12	18	16	10	15
IT methods for management	–	2	–	–	–	2	5	2	2	7
Semiconductors	12	15	12	8	5	–	2	–	–	1
Instruments	287	328	357	307	285	98	99	60	51	65
Optics	8	9	9	5	10	4	9	4	3	3
Measuring	139	174	191	118	111	17	29	27	11	25
Analysis of biological materials	15	15	18	19	28	4	5	2	5	3
Control	17	26	22	14	24	12	7	8	7	3
Medical technology	108	104	117	151	112	61	49	19	25	31
Chemistry	512	587	592	600	505	1020	1111	1024	987	977
Organic fine chemistry	43	36	60	51	35	315	279	274	289	253
Biotechnology	16	17	19	26	23	109	128	92	78	71
Pharmaceuticals	68	64	85	78	92	207	227	189	190	212
Macromolecular chemistry	12	9	13	13	9	12	23	26	11	23
Food chemistry	51	72	111	127	91	44	49	63	64	70
Basic materials chemistry	48	62	49	47	42	128	168	164	158	133
Materials, metallurgy	134	130	106	108	75	103	106	96	85	104
Methods of surface treatment, coating	28	36	38	52	37	18	27	27	26	38

Field of technology	Resident owners					Non-resident owners				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Micro-structural and nanotechnology	1	1	3	2	1	–	–	–	–	1
Chemical engineering	71	86	73	69	62	52	75	62	54	51
Ecotechnology	40	74	35	27	38	32	29	31	32	21
Mechanical engineering	457	518	452	402	320	345	334	298	250	246
Handling, conveying etc.	37	46	32	25	23	69	76	67	58	39
Machine tools	69	90	58	49	31	54	34	34	24	24
Engines, pumps, turbines	71	66	70	49	55	36	33	30	21	28
Textile and paper machines	11	13	15	7	8	21	11	12	15	15
Other special machines	120	138	147	132	90	76	62	72	66	65
Thermal process and apparatus	47	53	43	43	39	34	41	33	25	21
Mechanical elements	48	49	35	36	33	31	35	31	18	23
Transport	54	63	52	61	41	24	42	19	23	31
Other fields	148	130	106	99	52	169	145	127	126	129
Furniture, games	18	8	8	6	3	21	13	16	20	8
Other consumer goods	12	15	7	12	4	60	59	47	49	81
Civil engineering	118	107	91	81	45	88	73	64	57	40
Others and not classified	–	–	–	–	–	–	–	–	–	–



## 1.7. Utility models applications and patents by fields of technology

Field of technology	Applications					Patents				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Total	10,229	10,175	9,384	8,620	9,557	9,951	10,137	9,196	8,153	9,044
Electrical engineering	852	854	765	635	507	906	826	772	653	569
Electrical machinery, apparatus, energy	272	305	266	202	178	293	295	282	219	212
Audio-visual technology	91	123	66	53	34	79	94	85	64	41
Telecommunications	57	55	56	48	44	60	48	55	46	58
Digital communication	33	24	13	18	16	22	27	17	13	20
Basic communication processes	102	81	115	136	98	148	60	101	135	82
Computer technology	182	173	145	109	76	195	190	142	109	90
IT methods for management	34	36	35	18	16	37	38	30	16	17
Semiconductors	81	57	69	51	45	72	74	60	51	49
Instruments	3,043	2,711	2,853	2,368	2,769	2,890	3,013	2,619	2,497	3,185
Optics	39	36	50	25	40	48	38	53	38	40
Measuring	840	760	592	558	442	778	840	624	577	553
Analysis of biological materials	245	261	419	448	1211	285	276	324	343	1301
Control	219	163	165	162	152	181	206	173	140	171
Medical technology	1700	1491	1627	1175	924	1598	1653	1446	1399	1120
Chemistry	2,653	2,775	2,467	2,403	1,787	2,629	2,828	2,628	2,214	2,351
Organic fine chemistry	153	165	131	89	67	125	177	154	94	108
Biotechnology	97	91	82	89	51	96	90	98	82	68
Pharmaceuticals	553	623	566	475	411	582	619	545	474	494
Macromolecular chemistry	37	63	34	45	31	56	43	61	35	34
Food chemistry	522	611	534	538	385	505	587	559	483	535
Basic materials chemistry	231	192	159	273	187	201	222	172	204	250
Materials, metallurgy	428	372	342	281	182	404	458	379	272	252
Methods of surface treatment, coating	88	103	76	73	92	119	96	96	67	90

Field of technology	Applications					Patents				
	2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
Micro-structural and nanotechnology	5	8	11	15	4	8	8	8	17	4
Chemical engineering	342	373	368	361	255	352	343	388	319	364
Ecotechnology	197	174	164	164	122	181	185	168	167	152
Mechanical engineering	2,610	2,555	2,266	2,302	1,850	2,711	2,631	2,410	2,198	2,262
Handling, conveying etc.	234	260	195	217	187	270	268	207	186	231
Machine tools	427	345	362	396	299	451	364	374	334	382
Engines, pumps, turbines	240	212	176	191	122	270	232	189	190	172
Textile and paper machines	105	103	122	102	75	104	105	106	111	94
Other special machines	789	750	641	691	555	830	822	710	630	704
Thermal process and apparatus	230	287	207	200	194	212	261	230	211	215
Mechanical elements	241	242	221	211	170	246	252	227	237	174
Transport	344	356	342	294	248	328	327	367	299	290
Other fields	804	837	675	618	562	815	839	766	591	677
Furniture, games	118	156	125	84	70	107	143	144	90	88
Other consumer goods	124	115	101	109	120	118	122	103	105	130
Civil engineering	562	566	449	425	372	590	574	519	396	459
Others and not classified	267	443	358	294	2082	–	–	–	–	–

## 1.8. Applications for utility models by the IPC classes

IPC class	Class Headings	Quantity of applications	Quantity of patents
G01	Measuring; testing	1,658 (17.35%)	1,866(20.63%)
A61	Medical or veterinary science; hygiene	1355 (14.18%)	1,630(18.02%)
A01	Agriculture; forestry; animal husbandry; hunting; trapping; fishing	363 (3.80%)	509(5.63%)
A23	Foods or foodstuffs; their treatment, not covered by other classes	293 (3.07%)	401(4.43%)
F16	Engineering elements or units; general measures for producing and maintaining effective functioning of machines or installations; thermal insulation in general	160 (1.67%)	160(1.77%)
B01	Physical or chemical processes or apparatus in general	150 (1.57%)	191(2.11%)
B65	Conveying; packing; storing; handling thin or filamentary material	148 (1.55%)	185(2.05%)
B23	Machine tools; metal-working not otherwise provided for	145 (1.52%)	159(1.76%)
E04	Building	131 (1.37%)	133(1.47%)
E21	Earth or rock drilling; mining	107 (1.12%)	141(1.56%)
H01	Basic electric elements	104 (1.09%)	125(1.38%)
F24	Heating; ranges; ventilating	101 (1.06%)	106(1.17%)
G09	Educating; cryptography; display; advertising; seals	99 (1.04%)	90(1.00%)
H03	Basic electronic circuitry	99 (1.04%)	82(0.91%)
C12	Biochemistry; beer; spirits; wine; vinegar; microbiology; enzymology; mutation or genetic engineering	90 (0.94%)	110(1.22%)
G06	Computing; calculating; counting	89 (0.93%)	101(1.12%)
H02	Generation, conversion, or distribution of electric power	89 (0.93%)	114(1.26%)
B60	Vehicles in general	78 (0.82%)	99(1.09%)
B21	Mechanical metal-working without essentially removing material; punching metal	74 (0.77%)	108(1.19%)
C10	Petroleum, gas or coke industries; technical gases containing carbon monoxide; fuels; lubricants; pea	72 (0.75%)	91(1.01%)
A21	Baking; equipment for making or processing doughs; doughs for baking	71 (0.74%)	87(0.96%)
C02	Treatment of water, waste water, sewage, or sludge	65 (0.68%)	81(0.90%)
B61	Railways	63 (0.66%)	90(1.00%)
H04	Electronic communication technique	62 (0.65%)	76(0.84%)
B64	Aircraft; aviation; cosmonautics	61 (0.64%)	67(0.74%)

### 1.9. National applications for utility models by regions of Ukraine

Region	2012	2013	2014	2015	2016
Total	10,030	9,977	9,244	8,491	9,470
The Autonomous Republic of Crimea	229	217	38	6	6
Vinnytsia	472	537	817	572	1,285
Volyn	53	66	58	67	81
Dnipropetrovsk	694	701	695	659	596
Donetsk	684	705	370	250	242
Zhytomyr	32	21	16	37	49
Zakarpattia	79	55	75	89	63
Zaporizhia	290	308	282	312	317
Ivano-Frankivsk	144	117	131	134	125
Kyiv	162	180	163	185	162
Kirovohrad	86	72	39	56	68
Luhansk	596	712	310	163	141
Lviv	387	377	401	379	392
Mykolaiv	136	133	167	112	97
Odesa	407	345	379	353	345
Poltava	277	279	248	254	277
Rivne	146	139	123	130	161
Sumy	119	120	125	105	124
Ternopil	312	209	232	215	333
Kharkiv	1,171	1,053	1,128	1,165	1,217
Kherson	117	136	81	100	112
Khmelnyskyi	94	115	105	77	121
Cherkasy	86	124	100	93	123
Chernivtsi	212	168	197	141	224
Chernihiv	30	41	39	25	41
The city of Kyiv	2,828	2,895	2,813	2,705	2,666
The city of Sevastopol	40	46	12	3	3
Not classified	147	106	100	104	99

### 1.10. Industrial designs applications and patents by origin

Code	Country	Applications					Patents				
		2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
	Total	1,851	3,778	2,664	2,080	2,302	1,541	2,010	2,464	2,521	2,469
UA	Ukraine	1,517	3,186	2,045	1,811	2,016	1,225	1,682	1,780	1,957	2,134
AT	Austria	1	1	1	–	1	–	1	1	1	–
BG	Bulgaria	9	–	1	–	1	1	1	–	–	1
BR	Brazil	–	–	5	–	–	–	–	–	–	5
BY	Belarus	26	31	4	5	5	11	17	23	9	2
BZ	Belize	–	11	8	–	–	1	–	137	179	–
CA	Canada	–	1	8	–	1	–	–	–	7	–
CH	Switzerland	6	4	4	3	6	11	4	2	3	5
CN	China	9	13	7	10	4	4	6	9	10	11
CY	Cyprus	34	94	72	34	10	25	33	69	81	19
CZ	Czech Republic	8	—	3	1	–	1	5	–	2	1
DE	Germany	23	9	26	4	5	25	5	9	27	6
ES	Spain	–	9	2	–	–	–	–	8	3	–
FI	Finland	10	4	–	7	15	4	6	4	–	8
FR	France	5	12	3	5	13	2	3	11	4	12
GB	United Kingdom	12	15	12	7	4	7	12	4	10	7
IL	Israel	–	2	6	2	–	–	–	1	5	3
IN	India	9	4	6	4	–	–	9	3	4	6
IT	Italy	9	2	2	7	4	6	6	2	2	5
JP	Japan	18	22	19	23	9	26	10	16	16	33
KR	Republic of Korea	9	66	4	–	2	6	2	65	4	2
LI	Lichtenstein	–	1	1	–	–	4	1	–	1	–
MD	Republic of Moldova	–	2	–	1	3	–	–	1	–	1
NL	Netherlands	3	1	19	6	2	3	2	–	19	7
PA	Panama	–	28	154	–	–	–	25	171	–	–
PL	Poland	21	6	7	12	8	16	17	3	5	7
RU	Russian Federation	75	192	176	67	105	127	123	105	121	83
SE	Sweden	3	–	2	2	65	4	2	–	2	14
SG	Singapore	–	5	4	–	8	–	–	4	1	2
TR	Turkey	1	12	2	3	1	–	4	8	4	3
US	USA	25	30	47	45	9	21	21	18	30	64
	Others	18	15	14	21	5	11	13	10	14	28

### 1.11. Registration of industrial designs in 2016 by classes of the Locarno classification

Rating	Class No	Class Headings	Quantity of registrations	
			Unities	%
		Total	2,469	100
1	19	Stationery and office equipment, artists' and teaching materials	419	17.0
2	9	Packages and containers for the transport or handling of goods	372	15.1
3	32	Graphic symbols and logos, surface patterns, ornamentation	265	10.7
4	12	Means of transport or hoisting	159	6.4
5	11	Articles of adornment	142	5.8
6	8	Tools and hardware	139	5.6
7	25	Building units and construction elements	114	4.6
8	2	Articles of clothing and haberdashery	99	4.0
9	6	Furnishing	99	4.0
10	23	Fluid distribution equipment, sanitary, heating, ventilation and air-conditioning equipment, solid fuel	86	3.5
11	1	Foodstuffs	67	2.7
12	5	Textile piecegoods, artificial and natural sheet material	65	2.6
13	15	Machines, not elsewhere specified	59	2.4
14	26	Lighting apparatus	51	2.1
15	20	Sales and advertising equipment, signs	43	1.7
16	13	Equipment for production, distribution or transformation of electricity	40	1.6
17	10	Clocks and watches and other measuring instruments, checking and signalling instruments	33	1.3
18	14	Recording, communication or information retrieval equipment	32	1.3
19	21	Games, toys, tents and sports goods	31	1.3
20	7	Household goods, not elsewhere specified	30	1.2
21	24	Medical and laboratory equipment	22	0.9
22	27	Tobacco and smokers' supplies	22	0.9
23	28	Pharmaceutical and cosmetic products, toilet articles and apparatus	21	0.9
24	22	Arms, pyrotechnic articles, articles for hunting, fishing and pest killing	16	0.6
25	3	Travel goods, cases, parasols and personal belongings, not elsewhere specified	10	0.4
26	30	Articles for the care and handling of animals	10	0.4
27	4	Brushware	7	0.3
28	29	Devices and equipment against fire hazards, for accident prevention and for rescue	6	0.2
29	31	Machines and appliances for preparing food or drink, not elsewhere specified	5	0.2
30	16	Photographic, cinematographic and optical apparatus	3	0.1
31	18	Printing and office machinery	2	0.08

### 1.12. International registrations of industrial designs under the Hague Agreement

Code	Country name	2012	2013	2014	2015	2016
	Total	498	677	594	622	623
AT	Austria	10	4	13	3	10
BE	Belgium	10	15	7	11	8
BG	Bulgaria	5	11	4	9	9
CH	Switzerland	160	212	248	246	187
CY	Cyprus	–	2	–	–	6
CZ	Czech Republic	4	11	5	4	12
DE	Germany	87	140	84	90	55
DK	Denmark	5	1	1	1	5
EE	Estonia	–	–	1	–	5
ES	Spain	5	7	7	9	4
FI	Finland	8	9	8	2	5
FR	France	58	61	62	89	145
GB	United Kingdom	5	8	7	3	8
GR	Greece	4	1	–	–	2
HR	Croatia	5	9	7	3	10
HU	Hungary	3	3	3	1	–
IT	Italy	13	26	26	41	37
LU	Luxemburg	5	4	5	2	2
LV	Latvia	1	1	2	–	2
NL	Netherlands	42	52	29	37	19
NO	Norway	4	5	2	4	1
PL	Poland	10	12	16	7	6
RO	Romania	1	1	1	4	3
RS	Serbia	5	–	2	1	–
SE	Sweden	2	10	1	2	5
SI	Slovenia	4	7	1	7	2
TR	Turkey	15	30	18	16	20
UA	Ukraine	1	4	3	2	4
US	USA	9	4	4	10	20
	Others	17	27	27	18	31

### 1.13. Trademarks applications and registrations under the national procedure by origin

Code	Country	Applications					Registrations				
		2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
	Total	22,781	24,471	18,796	24,652	29,600	15,459	14,981	14,698	12,388	13,618
UA	Ukraine	17,939	19,769	15,141	21,245	26,063	11,611	11,249	11,150	9,539	11,007
AE	United Arab Emirates	19	18	21	21	33	9	16	14	3	19
AR	Argentina	4	11	2	8	2	2	3	10	3	4
AT	Austria	29	65	35	78	57	30	19	53	34	61
AU	Australia	6	6	12	2	0	13	2	3	3	9
BE	Belgium	21	20	13	42	13	12	20	19	5	34
BG	Bulgaria	28	10	38	10	5	6	25	5	9	26
BM	Bermuda	1	–	2	5	6	9	4	–	2	6
BR	Brazil	10	15	8	8	7	18	11	7	7	11
BY	Belarus	87	39	54	30	17	45	58	27	24	29
CA	Canada	52	26	41	24	21	20	47	16	29	27
CH	Switzerland	328	226	270	297	397	260	175	174	179	189
CL	Chile	6	8	5	–	2	10	3	8	3	2
CN	China	136	179	90	73	125	102	85	133	62	44
CY	Cyprus	460	646	535	487	434	298	400	430	373	418
CZ	Czech Republic	32	46	13	27	16	41	34	30	16	9
DE	Germany	162	167	111	95	118	144	151	132	98	71
DK	Denmark	44	42	14	18	11	22	35	33	15	4
EE	Estonia	22	13	11	15	72	20	13	8	9	12
EG	Egypt	1	1	–	2	6	–	1	1	–	6
ES	Spain	35	27	30	7	46	13	30	22	32	8
FI	Finland	14	19	15	11	1	27	12	17	14	6
FR	France	87	77	64	79	76	73	77	55	63	69
GB	United Kingdom	291	303	268	191	211	310	170	215	197	117
GE	Georgia	9	7	31	22	21	5	1	8	21	9
GR	Greece	8	4	3	3	4	7	10	5	2	2
HK	Hong Kong	36	49	30	44	46	25	53	36	44	24
HR	Croatia	24	16	32	8	2	8	19	15	30	5
HU	Hungary	4	10	19	10	3	6	5	8	13	7
IE	Ireland	77	65	24	18	48	43	65	67	22	14
IL	Israel	26	37	23	26	12	28	12	24	14	37
IN	India	200	245	204	230	223	130	105	141	124	125
IT	Italy	29	36	17	16	32	18	24	23	27	5
JP	Japan	229	174	110	100	69	167	158	179	96	92
KR	Republic of Korea	111	81	80	57	104	107	102	59	96	56



Code	Country	Applications					Registrations				
		2012	2013	2014	2015	2016	2012	2013	2014	2015	2016
KZ	Kazakhstan	–	3	–	3	2	1	–	–	1	2
LB	Lebanon	1	3	1	–	1	–	1	2	1	0
LI	Lichtenstein	2	8	28	16	28	57	4	8	27	4
LK	Sri Lanka	6	12	3	1	4	10	5	6	5	1
LT	Lithuania	9	11	15	19	19	1	4	11	9	14
LU	Luxemburg	10	24	20	9	8	14	14	18	7	14
LV	Latvia	7	5	10	7	8	3	5	3	3	5
MD	Republic of Moldova	18	15	7	2	5	20	12	4	8	1
MK	Macedonia (The Former Yugoslav Republic)	–	1	3	2	3	11	–	1	3	–
MX	Mexico	17	6	6	13	6	2	16	5	6	3
NL	Netherlands	114	84	79	71	84	82	91	68	51	58
NO	Norway	6	5	8	–	1	5	7	3	5	1
PA	Panama	20	25	26	10	10	12	20	17	14	12
PL	Poland	75	73	54	59	54	68	60	61	44	41
PT	Portugal	3	5	4	6	4	10	3	1	2	6
RO	Romania	4	–	–	8	6	3	1	–	–	–
RU	Russian Federation	583	501	265	127	147	317	435	359	202	108
SC	Seychelles	4	6	2	3	4	11	–	14	26	3
SE	Sweden	23	19	10	12	24	26	21	12	16	13
SG	Singapore	9	12	16	17	30	13	5	7	14	13
SI	Slovenia	–	14	7	–	4	12	–	12	3	3
SK	Slovakia	1	4	7	4	16	12	2	2	2	7
TH	Thailand	10	12	13	9	10	7	12	10	7	13
TR	Turkey	42	55	29	23	49	72	32	39	35	18
TW	Taiwan (province of China)	34	36	33	21	15	52	25	34	28	20
US	USA	943	835	617	737	560	837	821	689	527	590
VG	Virgin Islands (British)	123	96	73	31	56	69	86	68	52	35
ZA	South Africa	16	4	3	–	7	5	8	7	4	2
	Others	134	140	91	133	132	88	97	110	78	67

#### 1.14. Trademarks by classes of the Nice classification

NCL class	Class Headings	Quantity of the declared marks	By resident applicants	By non-resident applicants
35	Advertising; business management; business administration; office functions	11,623 (22.09%)	10,892 (23.74%)	731(10.86%)
41	Education; providing of training; entertainment; sporting and cultural activities.	3,738(7.11%)	3,474(7.57%)	264(3.92%)
5	Pharmaceuticals, medical and veterinary preparations; sanitary preparations for medical purposes ...	3,049 (5.80%)	1,997(4.35%)	1,052 (15.63%)
30	Coffee, tea, cocoa and artificial coffee; rice ...	2,481 (4.72%)	2,228(4.86%)	253(3.76%)
25	Clothing, footwear, headgear.	2,124 (4.04%)	1,937(4.22%)	187(2.78%)
42	Scientific and technological services and research and design ...	1,884 (3.58%)	1,612(3.51%)	272(4.04%)
43	Services for providing food and drink; temporary accommodation	1,846 (3.51%)	1,761(3.84%)	85(1.26%)
9	Scientific, nautical, surveying ... apparatus and instruments ...	1,711 (3.25%)	1,273(2.77%)	438(6.51%)
29	Meat, fish, poultry and game; meat extracts ...	1,633 (3.10%)	1,491(3.25%)	142(2.11%)
33	Alcoholic beverages (except beers)	1,419 (2.70%)	1,223(2.67%)	196(2.91%)
3	Bleaching preparations and other substances for laundry use ...	1,410 (2.68%)	1,060(2.31%)	350(5.20%)
16	Paper and cardboard; printed matter; bookbinding material; photographs...	1,406 (2.67%)	1,243(2.71%)	163(2.42%)
37	Building construction; repair; installation services	1,384 (2.63%)	1,302(2.84%)	82(1.22%)
38	Telecommunications	1,305 (2.48%)	1,132(2.47%)	1,73(2.57%)
36	Insurance; financial affairs; monetary affairs; real estate affairs	1,301 (2.47%)	1,142(2.49%)	159(2.36%)
44	Medical services; veterinary services; hygienic and beauty care for human beings or animals; agriculture, horticulture and forestry services	1,184 (2.25%)	1,098(2.39%)	86(1.28%)
32	Beers; mineral and aerated waters and other non-alcoholic beverages...	1141 (2,17%)	994(2,17%)	147(2,18%)
39	Transport; packaging and storage of goods; travel arrangement	981 (1.86%)	898(1.96%)	83(1.23%)
45	Legal services; security services for the protection of property and individuals; ...	938 (1.78%)	887(1.93%)	51(0.76%)

### 1.15. Trademark applications under the international procedure by origin

	Country name	2012	2013	2014	2015	2016
	Total	8,774	9,922	8,484	7,969	6,005
UA	Ukraine	2	4	3	4	0
AM	Armenia	14	23	15	7	13
AT	Austria	197	226	178	152	122
AU	Australia	27	34	35	38	35
BE	Belgium	128	146	133	144	96
BG	Bulgaria	110	109	83	70	31
BY	Belarus	170	268	116	105	63
BZ	Belize	7	8	9	9	2
CA	Canada	3	9	8	5	5
CH	Switzerland	640	694	644	631	409
CN	China	565	734	535	511	565
CY	Cyprus	68	97	62	85	42
CZ	Czech Republic	185	219	162	90	85
DE	Germany	1387	1442	1333	1229	966
DK	Denmark	61	80	74	67	62
EE	Estonia	18	35	30	15	8
EG	Egypt	6	5	3	4	2
ES	Spain	148	222	185	157	146
FI	Finland	86	126	53	50	57
FR	France	753	783	619	597	550
GB	United Kingdom	204	331	255	306	156
GE	Georgia	6	17	5	22	12
GR	Greece	13	21	22	11	14
HR	Croatia	15	12	12	12	6
HU	Hungary	203	220	162	240	44
IE	Ireland	30	46	21	29	29
IL	Israel	25	41	34	25	21
IN	India	11	6	20	28	22
IR	Iran, Islamic Republic	6	6	12	12	6
IS	Iceland	2	8	11	8	1

	Country name	2012	2013	2014	2015	2016
IT	Italy	650	668	584	489	401
JP	Japan	155	202	206	173	117
KR	Republic of Korea	50	51	71	66	89
KZ	Kazakhstan	26	17	14	15	18
LI	Lichtenstein	27	30	62	24	13
LT	Lithuania	50	24	23	20	13
LU	Luxemburg	81	116	92	93	92
LV	Latvia	43	52	38	33	25
MC	Monaco	10	16	12	8	8
MD	Republic of Moldova	45	39	31	38	36
MT	Malta	4	24	37	8	19
NL	Netherlands	184	205	184	179	137
NO	Norway	27	16	24	21	13
NZ	New Zealand	0	12	16	9	10
PL	Poland	249	213	162	181	114
PT	Portugal	33	26	18	23	38
RO	Romania	24	28	20	21	20
RS	Serbia	18	27	16	13	24
RU	Russian Federation	901	753	711	522	301
SE	Sweden	123	84	54	74	55
SG	Singapore	21	29	28	17	18
SI	Slovenia	68	66	34	51	34
SK	Slovakia	24	41	38	51	32
TR	Turkey	275	481	437	362	229
US	USA	483	623	636	722	496
VG	Virgin Islands (British)	37	44	35	29	31
VN	Viet Nam	22	7	3	4	5
	Others	54	56	64	60	47

## 2. The list of intellectual property events of the state system of intellectual property legal protection held in 2016

Item No	IP Event Title	Event Date and Location	Event Organizers
International research-to-practice conferences			
1.	The research-to-practice conference «Role and place of information and intellectual property law in the present context»	Kyiv, Ukrpatent February 4, 2016	SIPS, Ukrpatent, Scientific and Research Institute of Intellectual Property of the National Academy of Law Sciences of Ukraine
2.	The second scientific and educational conference «Intellectual Property and Pharmaceutical Industry» as a part of the All-Ukrainian Law Week at the PJSC «Farmak»	Kyiv, Ukrpatent December 7, 2016	SIPS, Ukrpatent, PJSC «Farmak»
Seminars and Trainings			
1.	Training workshop «Ukrpatent as an International Search Authority and International Preliminary Examination Authority» for examiners of the Division of Examination of Applications for Inventions, Utility Models and Topographies of Integrated Circuits	Kyiv, Ukrpatent February 4, 2016	Ukrpatent
2.	Training workshop on clarification of certain issues related to the examination of applications for inventions and utility models for examiners of the Division of Examination of Applications for Inventions, Utility Models and Topographies of Integrated Circuits	Kyiv, Ukrpatent March 2, 2016	Ukrpatent
3.	Seminar «Peculiarities of examination of applications for inventions, utility models and topographies of integrated circuits»	Kyiv, Ukrpatent March 31, 2016	Ukrpatent
4.	Training workshop for specialists of Ukrpatent organized by examiners of the Division of Examination of Applications for Inventions, Utility Models and Topographies of Integrated Circuits	Kyiv, Ukrpatent April 28, 2016	Ukrpatent
5.	Training workshop on the procedure for citation of classification symbols and index codes in patent documents for examiners of the Division of Examination of Applications for Inventions, Utility Models and Topographies of Integrated Circuits	Kyiv, Ukrpatent June 1, 2016	Ukrpatent
6.	Seminars for applicants on «Peculiarities of examination of applications for marks and industrial designs»	Kyiv, Ukrpatent June 3, 2016	SIPS, Ukrpatent
7.	Seminar «Software protection other than copyright: examination of applications for patents/utility models, court practice»	Kyiv, Press Centre of the National Union of Journalists of Ukraine June 22, 2016	SIPS, Ukrpatent, All-Ukrainian Public organization «Ukrainian Bar Association»
8.	WIPO Regional Workshop on Intellectual Property for Small and Medium-Sized Enterprises and Building Respect for Intellectual Property Rights	Kyiv, October 18–19, 2016	SIPS, Ukrpatent, WIPO
9.	Seminar «Transition of the quality management system to a new version of the ISO 9001:2015 standard» with the participation of the employees authorized in the matters of implementation and support of operations of the quality management system within departments, QMS auditors, heads of departments.	Kyiv, November 8, 2016	Ukrpatent
10.	Knowledge-based seminar «Laws and regulations of audiovisual media services and electronic communications. European experience»	Kyiv, December 13, 2016	National Council of Television and Radio Broadcasting of Ukraine

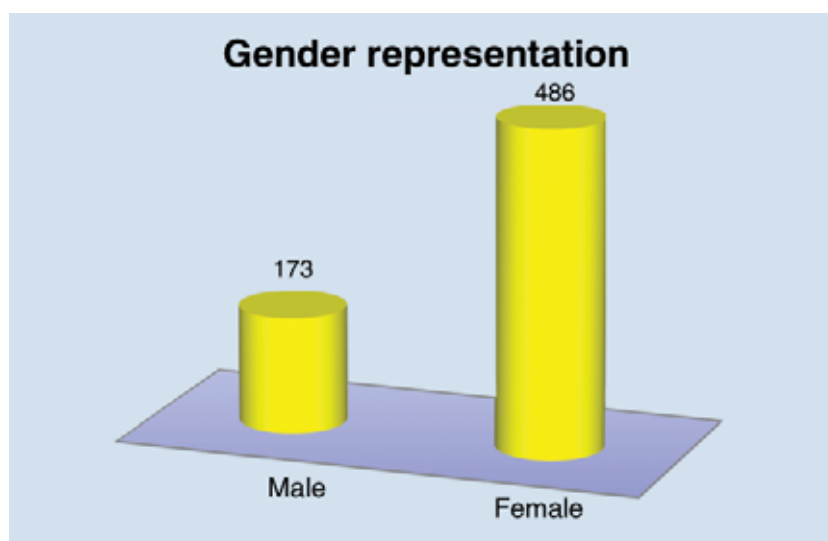
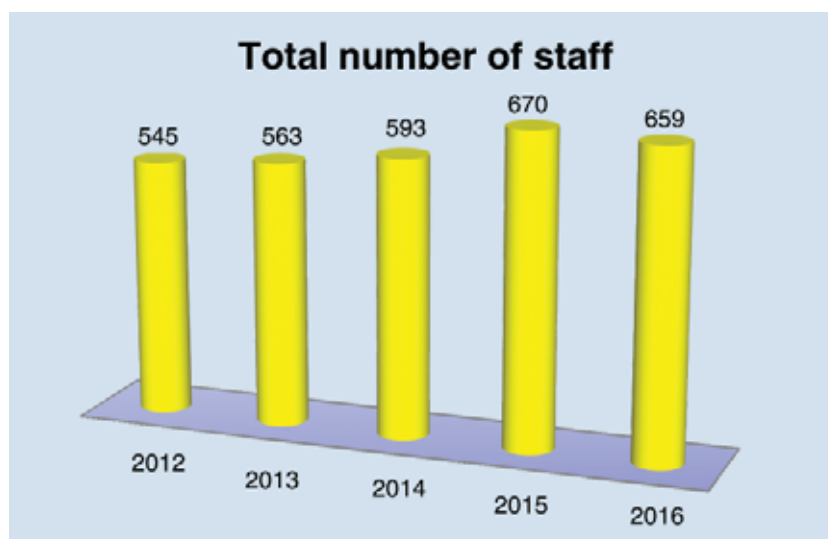
Item No	IP Event Title	Event Date and Location	Event Organizers
<b>Round Tables and Meetings</b>			
1.	Round table «Current issues of the judicial protection of intellectual property rights in Ukraine»	Kyiv, January 29, 2016	SIPS, Ukrpatent, the Scientific and Research Institute of Intellectual Property
2.	Round table «Organizational improvement of carrying out the trademark applications examination»	Kyiv, SIPS March 3, 2016	SIPS, Ukrpatent
3.	Roundtable on implementation of administrative procedure for invalidation of intellectual property rights in Ukraine	Kyiv, SIPS March 14, 2016	SIPS, Ukrpatent
4.	Round table «Practice of carrying out a legal expertise of intellectual property objects»	Kyiv, SIPS July 29, 2016	SIPS, Ukrpatent
5.	Round table «Practice of consideration of oppositions by the Appeals Chamber of the State Intellectual Property Service of Ukraine»	Kyiv, SIPS October 26, 2016	SIPS, Ukrpatent
6.	Round table «Response to «patent trolling» in Ukraine in terms of intellectual property rights enforcement»	Kyiv, November 25, 2016	Ministry of Justice of Ukraine, SIPS
7.	Round table on «recipes» of unshadowing the economy of Ukraine in the food and non-food sectors	Kyiv, November 25, 2016	European Business Association
8.	Round table on the current issues of intellectual property legal protection (as a part of the All-Ukrainian Law Week)	Kyiv, December 8, 2016	SIPS, Ukrpatent, SE «Antonov»
9.	Round table «Practice of invalidation of intellectual property rights through legal proceedings»	Kyiv, Ukrpatent, December 28, 2016	SIPS, Ukrpatent
<b>Visits of Foreign Delegations/Persons</b>			
1.	Working visit (in the framework of the Twinning project «Strengthening the Protection and Enforcement of Intellectual Property Rights in Ukraine» implementation (hereafter – Twinning project)) of the delegation of the Kingdom of Spain – Mrs. Alexandra Iliopoulou, Adviser of the International Chamber of Commerce, Mrs. Teresa Ibanez, Inspector of the Customs Service of Spain, and Mr. Pablo Rodenas, Resident Twinning Adviser, – for holding a training workshop for employees of the customs authorities of Ukraine	Kyiv, Ukrpatent, January 26–28, 2016	SIPS, Ukrpatent, Twinning project
2.	Working visit to Ukrpatent of Mrs. Ali Ismailova, Chief of the Training Centre of the Industrial Property Objects Examination Centre of the Republic of Azerbaijan (AzPatent), for investigating the Ukrainian colleagues experience regarding the personnel training and retraining in the sphere of IP legal protection as well as the development of methodological materials and manuals on corresponding topics	Kyiv, Ukrpatent, February 2–5, 2016	SIPS, Ukrpatent
3.	Working visit (in the framework of the Twinning project implementation) of Mr. Mihaly Ficsor, President of the Hungarian Copyright Council, for holding the final meeting on discussing and taking into account the provisions of the Marrakesh Agreement and the Beijing Treaty	Kyiv, Ukrpatent, February 9–11, 2016	SIPS, Ukrpatent, Twinning project
4.	Working visit (in the framework of the Twinning project implementation) of the delegation of the Kingdom of Spain – Mrs. Patricia Garcia Escuerdo, Director General of the Spanish Patent and Trademark Office, Mrs. Cristina Fernandez, Head of the Department for Legal Cooperation and International Relations, Mr. Alberto Arribas and Mr. Luis Antonio Soler, Judges of the Economic Courts of the of the Kingdom of Spain, and Mr. Pablo Rodenas, Resident Twinning Adviser	Kyiv, Ukrpatent, February 23–25, 2016	SIPS, Ukrpatent, Twinning project
5.	Working visit (in the framework of the Twinning project implementation) of the foreign delegation of the Kingdom of Spain, namely, Mr. Rafael Fuentes, and Mr. Enrique Garcia, Judges of the Appellate Courts of Spain, and Mr. Pablo Rodenas, Resident Twinning Adviser, – for holding a training workshop for judges	Kyiv, Ukrpatent, March 2–4, 2016	SIPS, Ukrpatent, Twinning project

Item No	IP Event Title	Event Date and Location	Event Organizers
6.	Working visit (in the framework of the Twinning project implementation) of the delegation of the Kingdom of Spain – Mrs. Alexandra Iliopoulou, Adviser of the International Chamber of Commerce, Mrs. Teresa Ibanez, Inspector of the Customs Service of Spain, and Mr. Pablo Rodenas, Resident Twinning Adviser, – for holding a training workshop for the customs authorities employees	Kyiv, Ukrpatent, March 22–24, 2016	SIPS, Ukrpatent, Twinning project
7.	Working visit (in the framework of the Twinning project implementation) of the delegation of the Kingdom of Spain – Mr. Alberto Arribas and Mr. Luis Antonio Soler, Judges of the Economic Courts of the Kingdom of Spain, and Mr. Pablo Rodenas, Resident Twinning Adviser, – for holding a training workshop for judges of the economic courts as well as for considering the problematic issues in the intellectual property sphere	Kyiv, Ukrpatent, April 5–7, 2016	SIPS, Ukrpatent, Twinning project
8.	Working visit (in the framework of the Twinning project implementation) of the delegation of the Kingdom of Spain – Mr. Angel Galgo, Head of the Appellate Economic Court of Madrid, Mr. Enrique Garcia-Chamon, Head of the Appellate Economic Court of Alicante, and Mr. Pablo Rodenas, Resident Twinning Adviser, for holding a training workshop for representatives of courts of general jurisdiction	Kyiv, Ukrpatent, April 19–21, 2016	SIPS, Ukrpatent, Twinning project
9.	Working visit (in the framework of the Twinning project implementation) of the delegation of the Kingdom of Spain – Mrs. Alexandra Iliopoulou, Adviser of the International Chamber of Commerce, Mrs. Teresa Ibanez, Inspector of the Customs Service of Spain, and Mr. Pablo Rodenas, Resident Twinning Adviser, – for holding a training workshop for specialists of certain regional customs of Ukraine	Kyiv, Ukrpatent, May 24–26, 2016	SIPS, Ukrpatent, Twinning project
10.	Working visit (in the framework of the Twinning project implementation) of the foreign delegation for conducting a solemn ceremony for closing the EU Technical Assistance Twinning project as well as the 9-th meeting of the Steering Committee on the Twinning project implementation issues	Kyiv, Ukrpatent, July 5, 2016	SIPS, Ukrpatent, Twinning project
11.	Working visit (in the framework of the Twinning project implementation) of the delegation of the Kingdom of Spain – examiners of the Patent Department of the Spanish Patent and Trademark Office and Mr. Pablo Rodenas, Resident Twinning Adviser, – for holding an additional seminar as to the activity of the Chamber of Appeals of SIPS	Kyiv, Ukrpatent, July 7-8, 2016	SIPS, Ukrpatent, Twinning project
12.	Working visit (in the framework of the Twinning project implementation) of the delegation of the Kingdom of Spain – Mrs. Silvia Navares, Expert of the Patent Department of the Spanish Patent and Trademark Office, Mr. Alberto Arribas and Mr. Luis Antonio Soler, Judges of the Economic Courts, and Mr. Pablo Rodenas, Resident Twinning Adviser, – for holding a closing training workshop for representatives of the administrative courts of Ukraine	Kyiv, Ukrpatent, July 19–21, 2016	SIPS, Ukrpatent, Twinning project
13.	Reference visit to Ukrpatent of the delegation of the officials from the People's Republic of China for exchanging experience and establishing bilateral cooperation	Kyiv, Ukrpatent, October 13, 2016	Ukrpatent
14.	Working visit of Mr. Cemil Bapinar, Vice-President of the Turkish Patent Institute, to Ukrpatent for discussing the current trends in the development of the state system of intellectual property legal protection in Ukraine, namely, progress of reforming the state administration in the IP sphere in accordance with the leading world and European institutions practice	Kyiv, Ukrpatent, October 17, 2016	SIPS, Ukrpatent, Twinning project
15.	Working visit of Mrs. Maryna Blurok, European Patent Attorney in Countries of Northland, to Ukrpatent for discussing issues on practice of consideration of the molecular biology and genetic engineering subject-matters in the EPO	Kyiv, Ukrpatent, November 3, 2016	Ukrpatent
16.	Working visit of Mr. Leo Gureff, Lawyer of the MG-IP Law Firm (USA), to Ukrpatent to cover global trends in the sphere of intellectual property rights enforcement and protection, peculiarities of patenting and registration of trademarks (American experience)	Kyiv, Ukrpatent, December 7, 2016	Ukrpatent, IPStyle Patent Law Company

Item No	IP Event Title	Event Date and Location	Event Organizers
Other IP events			
1.	First All-Ukrainian forum «Effective distribution and market penetration: legal aspects» for discussing a number of important issues, namely, regarding parallel import, its impact on the business development in Ukraine as well as risks and benefits open for right owners and consumers by usage of different modes of exhaustion of intellectual property rights	Kyiv, February 11, 2016	SIPS, Law union «Arzinger»
2.	Final qualification phase of the annual All-Ukrainian Contest of Inventive and Innovative Projects of Ecological and Naturalistic Orientation and the award ceremony for this contest. The main purpose of this contest which has been held since 2003 is the talented youth comprehensive support	Kyiv, February 9-11, 2016	SIPS, Ukrpatent, National Ecological and Naturalistic Centre National Academy of Sciences of Ukraine
3.	IX International Business Forum «Problems and Prospects of Development of Innovative Activity of Ukraine»	Kyiv, March 17, 2016	SIPS, Kyiv National University of Trade and Economics
4.	Meeting at the Ministry of Education and Science of Ukraine on the fulfillment of scientific research and research constructive works, determined by the resolution of the Vice-Prime Minister of Ukraine Vyacheslav Kyrylenko as of October 6, 2015 No. 35364/8/1-15 (paragraph 7)	Kyiv, March 17, 2016	SIPS, Ministry of Education and Science of Ukraine
5.	The 8th meeting of the Steering Committee on issues of the Twinning project implementation	Kyiv, March 3, 2016	SIPS, Ukrpatent, Twinning project
6.	Awarding of winners of the All-Ukrainian Contest «Invention – 2015» in the framework of celebrating the World Intellectual Property Day in Ukraine. Contribution to organization of an exhibition of advanced solutions from the Ukrainian military inventors and innovators where samples of specialized equipment and technology, developments of national innovators and projects of the Ukrainian young inventors were presented	Kyiv, Central Officers' Club of the Ministry of Defense of Ukraine April 22, 2016	SIPS, Ukrpatent, Ministry of Defense of Ukraine
7.	Annual event for landscaping and infrastructure development «For a clean environment»	Kyiv, April 23, 2016	SIPS, Ukrpatent
8.	III Intellectual Property Forum	Kyiv, Premier Palace Hotel June 2, 2016	Newspaper «Law practice», SIPS, Ukrpatent
9.	Conducting the final stage and summarizing results of the All-Ukrainian Contest of Inventive and Innovative Projects of Ecological and Naturalistic Orientation	Kyiv, May 17–19, 2016	SIPS, Ukrpatent, National Ecological and Naturalistic Centre of National Academy of Sciences of Ukraine
10.	The 1st compliance audit of the quality management system guided by the representative of the DEKRA international certification body of the LLC «Global Certific»	Kyiv, September 6–7, 2016	Ukrpatent
11.	Meeting of the Attestation Commission of SIPS: considering documents of candidates for patent attorneys to take decisions on admission or rejection of admission to qualification exams for candidates.	Kyiv, November 1, 2016	SIPS, Ukrpatent
12.	Excursion for the 5th year students of the National Transport University – familiarization with an exhibition of the Museum of Intellectual Property Legal Protection	Kyiv, November 17, 2016	Ukrpatent
13.	Doors Open Day for students of the Kyiv college of the National University «Odessa Law Academy» (as a part of events to the All-Ukrainian Law Week)	Kyiv, December 9, 2016	Ukrpatent



### 3. Ukrpatent Staff in Diagrams



#### 4. Expenses for the functioning and development of the state system of intellectual property legal protection in 2016

Expense Items	Amount, thousand UAH
Organization support for intellectual property rights protection, expenses associated with examination and grant of titles for industrial property objects	185,618.30
Expenses for information activities in the sphere of intellectual property rights legal protection	3,620.5
Expenses for editorial and publishing activities	847.4
Expenses for development of international cooperation in the sphere of intellectual property rights legal protection, organization and participation in exhibitions, competitions and seminars, etc.	3,470.0
Expenses for organization of training	179.2
Acquisition of licensed software and maintenance of automated systems	3,021.2
Expenses for the process organization of making and distribution of control marks as well as maintenance of the Uniform Register of Control Mark Holders	204.9
Total	196,961.50

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