

# CWS.ATR.ID.2012.UA

## Annual Technical Report 2012 on Industrial Design Information Activities submitted by Ukraine (CWS/ATR/ID/2012/UA)

Where URLs are requested below, it is preferred that either URLs which are likely to remain stable over time (three years or more) are provided, or home (main) page URLs are provided with a short explanation of how to access the corresponding information.

The expression "industrial designs" covers industrial designs and models. Offices which issue design patents should report their design patent information activities in this series of Annual Technical Reports.

### I. Evolution of registration activities

#### Changes experienced in terms of application filings and grants (registrations) with respect to the previous year

Statistical evolution concerning:

Applications filed:

in 2011 – 1,761, in 2012 – 1,851, i.e. 5.1% increase with respect to the previous year.

Patents granted:

in 2011 – 1,337, in 2012 – 1,541, i.e. 15.2% increase with respect to the previous year.

#### Trends or areas experiencing rapid changes with respect to the previous year

In 2012, the highest percentage of applications was filed according to the following classes of Locarno Classification:

Class 09 "Packages and containers for the transport or handling of goods" (21.5%); Class 19 "Stationery and office equipment, artists' and teaching materials" (15.3%); Class 05 "Textile piece goods, artificial and natural sheet material" (7.1%); Class 32 "Graphic symbols and logos, surface patterns, ornamentation" (5.7%); Class 25 "Building units and construction elements" (4.8%); Class 06 "Furnishing" (4.5%); Class 12 "Means of transport or hoisting" (4.3%).

#### URLs of web pages of the Office's website that provide statistics related to industrial designs

[http://www.sips.gov.ua/ua/plans\\_reports.html](http://www.sips.gov.ua/ua/plans_reports.html)

[http://www.sips.gov.ua/en/plans\\_reports.html](http://www.sips.gov.ua/en/plans_reports.html)

<http://www.uipv.org.ua/statistics.html>

<http://www.uipv.org/en/statistics.html>

### II. Matters concerning the generation, reproduction, and distribution of industrial design documents and of secondary sources of industrial design information, i.e., official gazettes

#### Main types of announcements of the Office in the field of industrial design information

Information related to industrial designs is published in the Official Bulletin "Promyslova Vlasnist" ("Industrial Property") in the following sections of its Book 2: "Information on the Grant of Patents of Ukraine for Industrial Designs", "Indexes", "Notifications", "Colour Representations of Industrial Designs".

Like in the previous year, the Official Bulletin "Promyslova Vlasnist" was issued both on paper and electronic (DVD) carriers twice a month – during 2012 24 issues of the Bulletin were published. The Annual Index to the paper edition of the Official Bulletin for the previous year, 2011, was also published.

A cumulative retrospective optical disc DVD "Industrial Designs Registered in Ukraine" was also issued. It contains information (bibliographic data and industrial designs images) about all the registrations of industrial designs recorded in Ukraine since January 1993 up to the completion of the current registration.

The quarterly review "Industrial Property in Figures. The basic indicators of the activities of the State Intellectual Property Service of Ukraine and the State Enterprise "Ukrainian Industrial Property Institute" was also published. Its publication, starting from the 2nd half of 2012, was carried out exclusively in electronic form at the web-portal of the State Intellectual Property Service of Ukraine (State Service) and web-site of the State Enterprise "Ukrainian Industrial Property Institute" (UIPI).

#### Mass storage media and microforms used

Incoming documents flow on paper carriers is processed by the system of current scanning and recognition of text documents (Detail – section "databases and office automation").

Mass storage media for information about industrial designs are servers of electronic databases, Storage Area Network disc data storage systems, optical discs DVD and magnetic tapes.

#### Databases and office automation

The processing of applications for industrial designs is carried out in the environment of the "Industrial Designs" automated system (AS). Incoming documents flow on paper carriers is processed by the system of current scanning and recognition of text documents based on the ABBYY Recognition Server 3.0 software. Digitized documents of applications are accumulated in "electronic dossiers" of applications and storage in the database (DB) of the central electronic archive of documents.

Information on industrial designs is contained in the technological AS "Industrial Designs", as well as in the corresponding DBs and IRSs accessible via the Internet:

DB "Electronic Version of the Cumulative Official Bulletin "Promyslova Vlasnist";

interactive DB "Industrial Designs Registered in Ukraine";

IRS "Industrial Design Applications Processing State";

IRS "Information about Patents of Ukraine for Industrial Designs Deemed Invalidated and about Lapsed Patents";

IRS "International Classification of Industrial Designs (the Locarno Classification). Ninth Edition".

### **URLs of web pages of the Office's website that provide access to online industrial design gazettes and to other sources of industrial design information, including download of bulk industrial design data**

The on-line publications on industrial designs are accessible for free at the official web-portal of the State Service and the web-site of the UIPI:

[http://www.sips.gov.ua/ua/info\\_resurses.html](http://www.sips.gov.ua/ua/info_resurses.html)

[http://www.sips.gov.ua/en/info\\_resourses.html](http://www.sips.gov.ua/en/info_resourses.html)

<http://www.uipv.org.ua/bases2.html>

<http://www.uipv.org/en/bases.html>

### **III. Matters concerning classifying, reclassifying and indexing of industrial design information according to the classification systems applied**

#### **Classification and reclassification activities; Classification system used, e.g., International Classification for Industrial Designs (Locarno Classification), other classification (please indicate whether industrial designs are classified by your Office and, if so, which classification is used)**

The Ukrainian translation of the 9th edition of the International Classification for Industrial Designs (Locarno Classification) was used for classifying industrial designs.

Within the "Industrial Designs" AS, software system for checking the classification symbols is in operation. It includes directories with the schemes of Locarno Classification and special software for checking classification symbols.

To satisfy information needs of the wide range of users, the IRS "International Classification for Industrial Designs (Locarno Classification). Ninth edition" is placed at the web-portal of the State Service and the web-site of the UIPI, access to which is free of charge.

#### **Bibliographic data and processing**

The WIPO Standard ST.80 is used to encode the bibliographic data of industrial designs. After the input into technological database, the bibliographical data are processed electronically. The structure of the database ensures the safety of all bibliographic data and their search.

### **IV. Search file establishment and upkeep**

The search file consists of the array of applications placed in the technological DB "Industrial Designs" AS and the reference and search tools to it.

Incoming documents flow (on paper carriers) is processed by the system of current scanning and recognition of text documents based on the ABBYY Recognition Server 3.0. Digitized documents of applications are accumulated in "electronic dossiers" of applications and stored in the Central electronic documents archive.

No documentation of other Offices is included in the industrial designs search file.

### **V. Activities in the field of computerized search systems for industrial designs**

#### **In-house systems (online/offline)**

The in-house computerized search systems for industrial designs are the search systems of the "Industrial Designs" AS, the central electronic documents archive and the "Indicators" AS. All these systems are operative on-line.

The search DB of industrial designs international registrations was created and is used in the course of the examination of applications. Data updating is carried out from the WIPO IB server in automatic mode.

#### **External databases**

For free access of the general public to the information about applications for industrial designs and registered patents for industrial designs via the web-portal of the State Service and the web-site of the UIPI, the following DBs and IRSs were created and are regularly updated:

DB "Electronic Version of the Cumulative Official Bulletin "Promyslova Vlasnist";

interactive DB "Industrial Designs Registered in Ukraine";

IRS "Industrial Design Applications Processing State";

IRS "Information about Patents of Ukraine for Industrial Designs Deemed Invalidated and about Lapsed Patents";

IRS "International Classification of Industrial Designs (the Locarno Classification). Ninth Edition".

The following WIPO DBs were used:

Hague Express Database;

International Designs Bulletin.

#### **Administrative management systems (e.g., register, legal status, statistics and administrative support)**

The procedures of the State Register of patents of Ukraine for industrial designs are realized in the environment of the "Industrial Designs" AS. Legal status data are formed on request.

For statistical data generation in the "Industrial Designs" AS, an integrated subsystem "Statistics" is used. The subsystem supports the activities of the examination, the Registry and the planning and economic department.

#### **Equipment used (hardware, including the types of terminal and network used, and software), data carriers used**

The operating server systems: Windows Server 2003, Windows Server 2008 and virtualization technology on virtualization platforms Hiper-V and VMware are used. Up-to-date personal computers with the operating system Windows XP Professional and Windows 7 are used as workstations. The data storage network is built on the basis of the Storage Area Network (SAN) and Fiber Channel technology.

The following data base management systems (DBMS) are used:

Microsoft SQL Server enterprise edition 2008 R2;

Microsoft SQL Server Standard Edition 2005 Win32;

In 2012, two new servers were implemented into operation (HP DL 380 G7).

The following models of scanners are used for scanning documents and industrial design images:

Fujitsu fi-6240;

Fujitsu fi-6140;

HP Scanjet G 2710.

### **VI. Administration of industrial design information products and services available to the public (relating to facilities, e.g., for lodging applications, registering designs, assisting clients with search procedures, obtaining official publications and registry extracts)**

#### **Collection management, preservation**

In order to satisfy public needs for patent information in Ukraine, the Public Patent Documentation Collection (PPDC) functions within the structure of the UIPI branch "Ukrainian Centre of Innovatics and Patent Information Services" (Branch). The PPDC is the most comprehensive patent library in Ukraine available to the public (intellectual property office library).

During 2012 the PPDC was updated by a national and foreign patent documentation, first of all on optical discs. As on 29.12.2012, the PPDC numbered over 20.5 thousand copies of official bulletins on paper and optical carriers that have sufficiently deep retrospective.

In the PPDC the users had access to information about industrial designs published in the Official Bulletin "Promyslova Vlasnist" (on paper carrier and DVD) and the Official Bulletins of 47 foreign offices and WIPO.

Information about the content of the PPDC and its quarterly updates was published in the "Information Resources" section of the web-portal of the State Service (<http://www.sips.gov.ua>) and the web-sites of the UIPI (<http://www.uipv.org>) and the Branch (<http://www.ip-centr.kiev.ua>).

The PPDC is located in the premises of the Branch in three specially adapted and equipped offices (two stores with a total area of 81 sq. m. and a reading room of 40 sq. m. in area).

The fire safety (fire alarm, alert, fire fighting) was assured; checking of the fire and protection alarm, alarm systems in emergency situations is carried out every year; proper ventilation and air conditioning is ensured.

Proper storage of the PPDC documents meeting specified requirements and guaranteeing their safety was ensured.

In particular, visual control of an access of unauthorized persons to the PPDC premises was carried out constantly, made their access to the documents repositories impossible, and the documents were provided to the users solely in the reading room. Modern technologies for ensuring protection of library collections from theft and damage (video surveillance) were also used.

The PPDC is equipped with 11 up-to-date computers with appropriate licensed software, as well as scanners, printers and xerographic copying machines. In 2012, replacement of 3 computers with licensed software was carried out.

To enable users to make online access to the electronic patent-information resources, such as a Digital Patent Library, the Internet network based on Wi-Fi technology was provided in addition to the traditional Internet access for users' convenience.

#### **Information services available to the public (including computerized services and search files contained in libraries remote from your Office and industrial design information posted by your Office on the World Wide Web)**

During the reporting year, in order to complete the patent collections of certain libraries and information centers with national patent documentation, the Official Bulletin "Promyslova Vlasnist" (on paper carrier and DVD) was sent free of charge to the bodies of national system of scientific and technical information and some other organizations of Ukraine. The List of DBs and IRSs that provide free access of general public via the Internet to the specified information on industrial designs, as well as to the "Locarno Classification. Ninth Edition" is given in Section II and V.

All necessary consultations and services, in particular concerning the preparation of materials for filing of applications for industrial designs (prepared 5 sets of documents) were provided on the basis of the PPDC as on free of charge basis, as well as on a paid basis. The List of paid services rendered by the Branch to the general public is posted on its website at: <http://www.ip-centr.kiev.ua>. In general, in 2012 the Branch provided services to nearly 14 thousand users. The PPDC was attended by nearly 150 users, 18% of which were legal entities and 82% – individuals. With the purpose of popularization of the PPDC and services that are provided on its base, special pages were created on the web-portal of the State Service, the web-sites of the UIPI and the Branch.

Digital patent library (DPL) was created in the State system of legal protection of intellectual property. In early 2012 the works on development of the first stage of the DPL were completed, including the web site of DPL on the Internet, many directories, information funds, and electronic resources in relation to inventions, utility models, industrial designs. The feature of the DPL is implementation of the mechanisms of pass-through search (search for all funds), full-text search using the Ukrainian morphology and cataloguing of information contents based on the IPC. From March 1 to December 30, 2012 an experimental operation of the first stage of the DPL was conducted in accordance with the requirements of the State standards. Within the mentioned period the services of the DPL were used by more than 25 thousand users. To ensure feedback with users, a questionnaire, which included a number of questions regarding evaluation of the DPL operation, was integrated into the DPL. Also, during the experimental operation a module for compilation of statistics that reflect various aspects of use of its information resources was developed and integrated into the DPL. DPL is posted on the Internet at <http://library.ukrpatent.org>.

In 2012 the Branch continued to produce copies of the Official Bulletin "Promyslova Vlasnist" on CD-ROM on a commercial basis, as well as ensured the functioning of the Internet Exchange Market of Industrial Property, the aim of which is to promote domestic industrial property objects (IPO) to the market, to encourage the development of inventions and innovative activities, to increase the level of public awareness of the intellectual property importance, to inform the wide range of interested public. Services provided to the clients of the Internet Exchange Market of Industrial Property in the framework of the agreements are the following:

- compilation, coordination, translation, posting at the web-site and accompaniment of the customers' information about the IPOs;
- work with individuals that have expressed an interest in the IPOs, represented at the Internet Exchange Market of Industrial Property.

During 2012 nearly 2,000 advisory services on the functional activity of the Internet Market of Industrial Property and the Branch were provided, 15 contracts on placing the information about IPOs on the Internet Exchange Market of Industrial Property were concluded. In general, at the end of 2012 information regarding 154 IPOs was published there. Electronic-information catalogues of enterprises and organizations (industrial enterprises of Ukraine, institutes of joint investment of investment business association, investment funds, techno-parks of Ukraine and CIS countries, business incubators, venture capital companies, higher educational institutions of Ukraine, embassies of foreign States or their representative offices etc), which include around 10,000 direct contacts for execution of the electronic distribution of commercial offers and information materials were created.

**URLs of web pages of the Office's website that provide information on business procedures such as: filing, publication, examination and registration procedures related to industrial designs; opposition and appeal procedures related to industrial designs; etc.**

[http://www.sips.gov.ua/ua/industrial\\_prototypes.html](http://www.sips.gov.ua/ua/industrial_prototypes.html)  
[http://www.sips.gov.ua/ua/normative\\_acts.html](http://www.sips.gov.ua/ua/normative_acts.html)

**URLs of web pages of the Office's website that provide a description of information products and services offered by the Office (e.g., industrial design search service(s) and industrial design databases), as well as information on how to access and utilize them**

[http://www.sips.gov.ua/info\\_resurses.html](http://www.sips.gov.ua/info_resurses.html)  
  
<http://www.uipv.org/ua/publications.html>  
<http://www.uipv.org/en/publications.html>  
<http://www.uipv.org/ua/perelik.html>  
<http://www.uipv.org/en/perelik.html>  
<http://www.uipv.org/ua/bases2.html>  
<http://www.uipv.org/en/bases.html>  
  
<http://www.ip-centr.kiev.ua>

## **VII. Matters concerning mutual exchange of industrial design documentation and information**

The functions of international exchange of patent documentation are performed by the UIPI, recognized in 2003 by the law as the Centre of international exchange of publications according to the "Convention on International Exchange of Publications", adopted in December 3, 1958 by the OON General Conference on the matters of education, science and culture. In the framework of international exchange the Official Bulletin "Promyslova Vlasnist" containing industrial designs information was sent to 21 foreign intellectual property offices and organizations. The UIPI received official bulletins concerning industrial designs from 11 foreign intellectual property offices.

## **VII. Matters concerning mutual exchange of industrial design documentation and information**

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In the framework of international exchange the Official Bulletin "Promyslova Vlasnist" containing industrial designs information was sent to 21 foreign intellectual property offices and organizations.  
The UIPI received official bulletins concerning industrial designs from 11 foreign intellectual property offices.

## **VIII. Matters concerning education and training, including technical assistance to developing countries (please indicate URLs of web pages of the Office's website wherever appropriate)**

In the year under review the State Service, within its competence, took actions on the development and further improvement of the training system and skill upgrading in the field of intellectual property.

The training and retraining activity under the specialty "Intellectual Property" of the Specialist and Master educational programs was carried out in 14 higher education institutions of Ukraine.

In 2012, 269 persons were qualified as Masters under the specialty "Intellectual Property" and 180 persons as Specialists. Intellectual Property Institute of the Odessa National Academy of Law in Kyiv (Institute), which is the base for training, retraining and skill upgrading in the sphere of intellectual property, trained 98 Specialists and 80 Masters, including 42 persons under the order of the central government authorities, namely the State Intellectual Property Service of Ukraine, Courts, Security Service of Ukraine, the State Property Fund of Ukraine, Antimonopoly Committee of Ukraine, the Ministry of Justice of Ukraine, Customs Bodies, the State Tax Service of Ukraine and the National Security and Defence Council of Ukraine.

In the reporting period, 4 specialists from Kazakhstan graduated the Institute and were qualified as Masters under the specialty "Intellectual Property".

Skill upgrading for intellectual property experts was rendered by two education institutions – the Institute and Intersectoral Institute of Postgraduate Education of the National Technical University "Kharkiv Polytechnic Institute".

In 2012, 62 researchers and teachers from higher education institutions in all regions of the country, and 40 other experts in the field of intellectual property, information analytics and innovation activity completed the advanced courses under the professional program "Intellectual Property" and "Consolidated Information" in the Institute. 27 persons, candidates to the representatives on IP matters (patent attorneys), completed the preliminary courses, and 5 persons completed courses for appraisers of intellectual property rights.

On April 23-25, 2012 the Institute hosted the XII All-Ukrainian Research-to- Practice Conference "Aspects of Training Specialists in Intellectual Property, Information Analytics and Innovation Activity in Ukraine". The Conference was organized under the auspices of the State Service to analyse the situation and prospects of training specialists in intellectual property, information analytics and innovation activity in Ukraine within the reform of the higher education system and development of national economy based on innovations. Teachers and researchers from higher education institutions, experts from other institutions and organizations took part in the work of the Conference.

In 2012, the State Service organized and conducted 4 conferences and 14 workshops devoted to the wide range of issues relating to intellectual property rights protection.

In September 2012, the XIX International Research-to-Practice Conference "Topical Issues of Intellectual Property" took place in Yalta. Each year Ukraine holds this high-level international event that is important and useful forum for discussion of science, methodical and practical issues in the sphere of intellectual property. It became traditional, and the number of the Ukrainian and foreign participants increases year by year. Thus, experts from Poland, Germany, USA, Georgia, Belarus, Moldova, Lithuania, Kyrgyzstan, Uzbekistan and other countries took part in the Conference.

The basic themes of the conference were: Current status and prospects for the development of the State intellectual property system legal protection; Substantive examination of indications and legal examination: views, approaches and range of problems; Acquiring, use and protection of rights to inventions and utility models; Acquiring, use and protection of rights to indications (trademarks and service marks, brand names, geographical indications), industrial designs and domain names; Prospects for the improvement of the legal protection of copyright and related rights in the information society; International cooperation in the sphere of intellectual property.

In July, the fourth regular International Summer School on Intellectual Property took place in Odessa under the aegis of the National University "Odessa Law Academy". Representatives from Ukraine, Azerbaijan, Bulgaria, France, India, Iran, Italy, Poland, Portugal and Slovakia took part in the work of the Summer School. Besides, the WIPO Summer School in Ukraine welcomed Mr. Marcelo Di Pietro, Director of the WIPO Academy that proves the acknowledgement of the successfulness of our school by the WIPO management.

During the year, workshops on other actual issues, round-table discussions, sessions, meetings and press conferences of the management staff of the State Service involving the leading information agencies were held.

Specialists of the State system of intellectual property rights protection participated actively in more than 15 conferences and workshops, including international ones, in working meetings and other events, arranged by other organizations in Ukraine.

Detailed information about all the events concerning education and training, seminars, exhibitions, visits, promotion of creative activities etc can be found in the relevant section of the 2012 Annual Report of the State Service at its official web-portal:

[http://www.sips.gov.ua/ua/year\\_reports.html](http://www.sips.gov.ua/ua/year_reports.html)

[http://www.sips.gov.ua/en/year\\_reports.html](http://www.sips.gov.ua/en/year_reports.html)

## **IX. Other general information related to the Office that is available on the Internet -- URLs of web pages of the Office's website that:**

### **provide information on legislation related to industrial designs**

[http://www.sips.gov.ua/en/laws\\_special\\_4](http://www.sips.gov.ua/en/laws_special_4)

[http://www.sips.gov.ua/ua/normative\\_acts.html](http://www.sips.gov.ua/ua/normative_acts.html)

<http://www.uipv.org/en/legislation.html>

<http://www.uipv.org/ua/legislation.html>

### **contain the Annual Report of the Office**

[http://www.sips.gov.ua/ua/year\\_reports.html](http://www.sips.gov.ua/ua/year_reports.html)

[http://www.sips.gov.ua/en/year\\_reports.html](http://www.sips.gov.ua/en/year_reports.html)

Publication of the Annual Technical Reports on industrial design information activities carried out on the web-portal of the State Service beginning from ATR-2008:

[http://www.sips.gov.ua/ua/plans\\_reports.html](http://www.sips.gov.ua/ua/plans_reports.html)

[http://www.sips.gov.ua/en/plans\\_reports.html](http://www.sips.gov.ua/en/plans_reports.html)

**if necessary, provide further information related to the topics referred to in the current ATR**

One of the State Service priority goals is the implementation of an efficient quality management system for the examination of applications for IPOs and reduction of its processing terms.

Based on the results of the audit of a quality management system, conducted by the company Dekra Certification, the examination body was awarded international certificate No. 321012076 dated October 17, 2012 attesting that the quality management system is implemented and operates at the UIPI in accordance with the requirements of ISO Standard 9001:2008 in the following areas:

examination of applications for IPOs (inventions, utility models, industrial designs, trademarks and service marks, integrated circuit topographies, indications of origin of goods) for their compliance with the conditions of legal protection provision and examination support processes;  
provision of measures on preparing for State registration of IPOs and official publication of information about them.

**contain industrial design-related news regarding the Office**

The above-mentioned information can be found on the web-sites at the following addresses:

<http://www.sips.gov.ua/en/index.html>

<http://www.uipv.org>

<http://www.ip-centr.kiev.ua>

**X. Other relevant matters**