

SCIT.ATR.PI.2004.UZ

Annual Technical Report 2004 on Patent Information Activities submitted by Uzbekistan (SCIT/ATR/PI/2004/UZ)

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 term "patent" covers utility models and Supplementary Protection Certificates (SPCs). Offices which issue design patents should report their design patent information activities in their Annual Technical Reports on Industrial Design Information Activities.

I. Evolution of patent activities

Changes experienced in terms of application filings and grants with respect to the previous year

In 2004 the new Rules on drawing up, filing and consideration of the applications on granting of the patents on the inventions and utility models with the account before the brought in changes and additions in the Law «On the inventions, utility models and industrial designs» have come into force.

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

Inventions

The greatest quantity of the applications on the inventions, from national and foreign applicants was filed on section A «Satisfaction of vital needs of the man» of the International Patent Classification (IPC). The least popular section for the applicants is the section H "Electricity"; the quantity of the applications filed in 2004 on the given section, has made about 2 % from general number of the filed applications.

Utility models

In accounting year on 3,8 % the receipt of the applications from the foreign applicants has increased, if in 2003 their share made 6, 5 % from total, in 2004 it has made 10,3 %.

The greatest quantity of the applications on utility models from the national applicants is filed on section A «Satisfaction of vital needs of the man» of the International Patent Classification (IPC).

II. Matters concerning the generation, reproduction, distribution and use of primary and secondary sources of patent information

Publishing, printing, copying (main types of publications of the office in the field of patent information, etc.)

In 2004 the official publications of the SPO included the following editions:

- The official bulletin «Rasmiy ahborotnoma» - 6 issues (on CD-ROM);
- The descriptions of the inventions to the patents - 130 descriptions (on a paper);
- The descriptions of utility models to the patents - 18 descriptions (on a paper);
- The collection of the annual indexes to the official bulletin «Rasmiy ahborotnoma» (sections of the indexes under the inventions and utility models) - 1 volume (on a paper).

The information on the registered inventions and utility models are published in sections "Invention" and "Utility models" of the official bulletin "Rasmiy ahborotnoma", which since 2004 is let out on CD-ROM. The information on the inventions includes the bibliographic data and claims, on utility models - bibliographic data and abstract; all information is resulted in Russian and Uzbek languages. In accounting year in the bulletins the information on 148 inventions and about 17 utility models are published.

SPO participates also in release CISPATENT - joint regional patent-information product on CD-ROM, being the collection of the official publications of patent offices of the CIS and Eurasian Patent Office (EAPO). In 2004 six releases with the information on the patents of the Republic of Uzbekistan for the inventions and utility models including 144 abstracts in three languages (English, Russian, Uzbek) and to them the complete descriptions of the inventions and utility models in language of the original are prepared the processed files of the documents are sent in FIPS ROSPATENT.

Main types of announcements of the Office in the field of patent information

The most important announcements, concerning patent-information activity of the SPO are placed in section «Official messages» of the bulletin «Rasmiy Ahborotnoma» and on web site of the Office (www.patent.uz).

Mass storage media used (paper, microforms, optical storage, etc.)

SPO has a complete collection of the patent documents of Uzbekistan on a paper.

Besides all patent documents are stored in bibliographic databases and in electronic storehouses. During processing the applications all documents concerning the inventions and utility models, are scanned and are kept in a facsimile kind in a format TIFF. The descriptions and abstracts are distinguished by system OCR and the drawings - in a format TIFF are kept in a format MS-Word.

Word processing and office automation

The assembly of the chapter of the official bulletin under the inventions and utility models is carried out in the automated mode on a workplace of the employee of a department of the publications. On the specialized inquiry are selected and are sorted bibliographic data given from a database (SUBD MS SQL Server 2000) and texts of the documents (abstracts) from electronic storehouse. The subsequent operations (imposition, duplicating) are made with the help of the program Adobe PageMaker.

III. Matters concerning abstracting, classifying, reclassifying and indexing of technical information contained in patent documents

Abstracting, reviewing, translating

Published patent documents on the inventions and utility models are included the abstracts in Russian and Uzbek languages; the abstracts also in two languages are published in the official bulletin on utility models.

Classification and reclassification activities; Classification system used, e.g., International Patent Classification (IPC), other classification (please indicate whether or not patent documents are classified by your Office and, if so, which classification is used)

The applications for the inventions and utility models are classified according to the International Patent Classification of the appropriate edition, since January 1, 2000 7-th edition of IPC is used.

Bibliographic data and full-text processing for search purposes

The bibliographic data are kept as the dynamic XML-documents in an internal database. The primary filling of base (input, recognition, editing) is made by special group of input. The bibliographic data are supported and are updated during life of the application by all departments involved in process. The changes in base will be authorized. The interfaces of access to base are constructed on the basis of Intranet-technologies.

IV. Search file establishment and upkeep

File building

The search file on a paper and optical disks is formed on the basis of a collection of State Fund of the Patent Documentation, which structure includes the current and retrospective files of the national patent documentation, foreign patent documentation which is included in the list of the countries - of PCT minimum. Besides there is patent-associated literature including the scientific, technical literature as the books and the periodic editions, help literature, and also bibliographic search disks JOPAL.

The fund of the national patent documents on a paper is submitted: by the descriptions of the inventions to the patents and preliminary patents and descriptions of useful models to the certificates and patents since 1993 systematized on classification indexes of IPC and under numbers of the security documents. The bibliographic databases and electronic file (textual) storehouses for internal use are conducted. The collection of the patent documents on CD/DVD-ROM is systematized on the countries and years.

Updating

The search files on a paper and part on CD/DVD-ROM are updated monthly, some CD/DVD-ROM are updated annually. The bibliographic data and files of the documents in electronic storehouse can replenish and - or be corrected in process of the reference.

Storage, including mass storage media

The conditions of storage of fund depend mostly on kinds of carriers of the information: the patent documents on a paper are stored in folders on metal racks, on CD-ROM and DVD-ROM in stores in wall cases.

The bases bibliographic, record keeping data and file storehouse are copied by standard methods (SUBD, OC) on specialized a file - servers.

The documentation from other offices is supported and/or is considered as a part of a patent file of search

In 2004 the State Fund of the Patent Documentation has replenished with the patent-information editions of 22 countries of the world, 2 international and one regional organization.

V. Activities in the field of computerized and other mechanized search systems

In-house systems (online/offline)

Is developed and the base of the bibliographic data under the inventions and utility models being a part of general search system of internal usage is used.

Through the program of service of a database are carried out:

- input, change and updating of the bibliographic data;
- formation of the documents (documents on correspondence with the applicant: inquiries, notice, decision; register sheets, security letters, text for the official bulletin);
- search in a database on formulated by the user to inquiries.

The base contains the bibliographic information. The complete texts and drawings in this database do not contain and are placed separately in file storehouse, but are accessible to editing and viewing.

External databases

The access through the Internet to the experts to patent DB, offered for realization of search by various patent departments is supplied. The opportunities for realization of search in patent DB USA, European Patent Office, WIPO have extended.

Management systems of management (for example, register, legal status, statistics, administrative support etc.)

Is entered into action and the automated system of general and patent office-work ensuring creation and conducting of archive of the electronic documents, exchange of the documents and messages, direction of the tasks on execution and control of execution of the assignments, routing of passage of the applications etc. is maintained.

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

Used equipment:

- 90 working station H VtV, HP Vectra VL 420, H Vt 400, Vt VL Kayak
- 4 servers NetServer LH Pro
- 1 server NetServer LH4
- D-R library Plasmon D-240
- 7 printers LaserJet 5SI
- 3 printers LaserJet 2100
- 9 printers 1 Ls Writ 16/600
- 6 printers LaserJet 4100TN
- 2 Scanners II+wl 3338, 4040D.
- 10 tablet scanners SnJt 6100 and SnJt 5300
- I- switchboard m Builder 3500
- 2 switchboard m SuSt II Switch 3000 and 3300
- 2 switchboard 3 COM SS3
- 8 switchboard SuStk II Switch 1000 and 1100
- 2 routers 3 orn NetBuilder II SI 432
- access servers 3 m ssBuild 2008 and USR NtSv/8
- Sources of a uninterrupted feed for servers and other critical equipment

Software:

- Operation systems S Windows NT 4.0 Sv and S Windows N 4.0 Wsttin, MS Windows 2000 Server, MS Windows 2000 Professional.
- Wb-server S Intrnet Information Srv 5.0
- NET Framework 1.0
- S Itnt Explorer 6.0 SP1
- Support library L/XSL msxmi4.dll
- Mail server S hng Server 2000
- Database server S SQL 2000
- A control system business - processes LanDocs
- System of optical recognition of texts (R) FineRead nterpris 4.0
- System reserve coping henn Sv 6.5
- Office annexes S fface 2000
- Means of processing of the graphic information and publishing schemes db (db bt, db htsh, db Illustrat, db StreamLi, db gek)
- Systems of machine translation rmt-98-2000
- Systems of editing of chemical formulas hm WindowSuite 5.1

Local Network

In the main building of SPO the local network with total of ports 288 is constructed. All ports switched also guarantee throughput 10/100/1000 Mbps. In a building of Patent library there is a local network on 24 ports with throughput 10/100 Mbps. Local cable systems correspond to requirements to networks of 5 categories (standard ANSI EIA/TIA-568) and are constructed on the equipment of firm Mod-Tap.

Internet service.

SPO is connected to the Internet on the allocated ADSL channel. Speed of connection is 256 Kbps. The software is applied to protection of resources of a LAN of office

MS ISA Server 2000

CheckPoint 2000 (DMZ)

VI. Administration of the industrial property office library and services available to the public (relating to facilities, e.g., for lodging applications, for assisting clients on searching procedures, for obtaining official publications and registry extracts)

Planning, administration, automation, security, buildings

The State Fund of the Patent Documentation practically is a unique complete collection of the patent documentation in territory of Uzbekistan and carries out patent-information service both expert structure of the SPO, and wide circle of a public, i.e. carries out functions of public library.

The general area of fund, including office accommodations, reading halls both storehouses of patent and other information makes 923,79 sq.m.

Collecting, acquisitions, preparation

The basic sources of formation of a collection are the official publications of SPO, patent documentation received on the international exchange with foreign patent offices and international organizations, and also by way of a subscription and purchase. All received documentation is registered, is classified and is grouped for the purposes of storage.

In 2004 the further growth of receipts of the patent documentation on CD/DVD - ROM disks was observed. Now State Fund receives optical disks from 13 foreign patent offices and two international organizations. The collection of the documents and literature on CD/DVD - ROM totals more than 9,5 thousand disks.

Collection management, preservation

The collection of fund is placed on geographical – systematic - numerical principle. The conditions of a storage of a collection are defined by kinds of carriers of the information: the patent documents on a paper are stored in folders on metal racks, on microfilms - in metal cases, and on CD /DVD-ROM disks - in stores in wall cases.

Interlibrary lending, resource sharing, networks of patent libraries in the country

The State Fund in 2004 cooperated on an interlibrary exchange with National Library by A. Navoi, Fundamental library of an Academy of Sciences of the Republic of Uzbekistan, State Scientific Medical Library; more than 200 applications were executed and is given on an interlibrary exchange about 800 documents, books and brochures.

In 2004 the information support to the Fergana branch of a Republican centre of science of emergency medicine as a complete set of the official bulletins «Rasmiy Ahborotnoma» for 1993-2003 was rendered. And collections of the annual indexes to the official bulletin.

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

The information services, which are carried out by the orders of the consumers, include the automated patent search on CD/DVD - ROM, and also patent search with use of the removed databases. Besides the advices of the users are rendered service in a traditional mode - thematic selection, selective distribution of the patent information on inquiries, copying, selection and distribution of the documents on inquiries of the readers, classification on IPC, NCI.

The distribution of the patent documents is carried out directly in reading halls of fund, and also under the interlibrary subscription.

The attendance of State Fund of the Patent Documentation in 2004 has made 5818 visitors; was given of 610 641 patent documents, from which more than 270 thousand on CD/DVD - ROMs. 5277 advices on various questions are rendered. Is executed more than 9 thousand copies of the descriptions of the inventions.

VII. Matters concerning mutual exchange of patent documentation and information

International or regional cooperation in the exchange of machine-readable information, e.g., bibliographic data, abstract and/or full text information

The official bulletin of the SPO «Rasmiy Ahborotnoma» with the information on the registered inventions and utility models by way of a bilateral exchange is dispatched in patent offices of 26 countries, also to international organizations WIPO, EPO and regional organization EAPO.

Medium used for exchange of priority documents

The applications for the inventions can move both on a paper, and on the machine-readable carrier. The substantial part of the documents of the application or additional materials on the paper carrier and on typescript should be identical. The conditions of representation of materials of the application in an electronic kind on typescript are defined by the requirements authorized by the order of SPO.

Implementation of the Statement of Principles Concerning the Changeover to Electronic Data Carriers for the Exchange of Patent Documents (please provide a status report on the extent to which your Office has changed over to electronic data carriers for the exchange of patent documents)

SPO since 2004 issues the official bulletin on CD-ROM disks (171 copies).

On a bilateral exchange in SPO in 2004 the official bulletins from 12 countries on a paper and from 7 countries and WIPO - on optical disks have arrived. The patent documents on CD-ROM and DVD-ROMs were received from 11 countries, WIPO and EPO.

VIII. Other relevant matters concerning education and training in, and promotion of, the use of patent information, including technical assistance to developing countries

Training courses for national and foreign participants, use of audiovisual means

The experts of SPO read lectures on patenting in higher educational institutions of republic; in 2004 the lecture and practical employment have visited more than 200 students.

Promotional activities (seminars, exhibitions, visits, advertising, etc.)

By one of the most important measures that have been carried out in 2004, the international seminar « STRENGTHENING INSTITUTIONAL CAPACITY FOR PROTECTION OF INTELLECTUAL PROPERTY RIGHTS TO PROMOTE INVESTMENT AND TRANSFER OF TECHNOLOGY, WITH SPECIAL EMPHASIS ON INFORMATION AND COMMUNICATION TECHNOLOGIES». The seminar is organized by UNESCAP, WIPO and SPO.

In cooperation with EPO the working seminar on aspects of examination is carried out.

The employees of SPO organize and will carry out national seminars on various questions of a right protection of objects of the intellectual property for the representatives of scientific and research establishments, industrial enterprises, public organizations and business circles, patent attorneys and private businessmen. In 2004 SPO carries out 9 seminars, in which 500 men have taken part more than.

In 2004 the competition "Eureka" on knowledge of a history of invention and bases of protection of the intellectual property carried out together with the republican periodic edition "Erudite" within six months, since November 2003 was finished. More than 250 men from all regions of Uzbekistan have taken part in competition.

In mass media the materials devoted necessities of protection of objects of the intellectual property, value of the rights of the intellectual property and role in a society were regularly placed. A series of clauses in the central press was devoted to the International day of the intellectual property.

The special task is the regular work with the schoolboys with the purposes of revealing and preparation for creative work of gifted children and teenagers. Together with the Republican centre of technical creativity of the pupils, the republican competition of scientific and technical creativity of learning average educational schools three exit seminars at the regional centres of technical creativity of pupils is carried out, the years rest of children in improving camp is organized.

IX. Other relevant matters

1.	Classification is allotting one or more classification symbols (e.g., IPC symbols) to a patent application, either before or during search and examination, which symbols are then published with the patent application.
2.	Preclassification is allotting an initial broad classification symbol (e.g., IPC class or subclass, or administrative unit) to a patent application, using human or automated means for internal administrative purposes (e.g., routing an application to the appropriate examiner). Usually preclassification is applied by the administration of an office.
3.	Reclassification is the reconsideration and usually the replacement of one or more previously allotted classification symbols to a patent document, following a revision and the entry into force of a new version of the Classification system (e.g., the IPC). The new symbols are available on patent databases.