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WORLD INTELLECTUAL PROPERTY ORGANIZATION

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STANDING COMMITTEE ON INFORMATION TECHNOLOGIES

ANNUAL TECHNICAL REPORT

2001

ON PATENT INFORMATION ACTIVITIES*

submitted by

UZBEKISTAN

An annual series of reports on the patent information activities
of members of the Standing Committee on Information Technologies

*
– The term “patent” covers utility models and SPCs.
– Information related to design patent activities reported by industrial property offices issuing design patents is included in the series of documents SCIT/ATR/ID.

ANNUAL TECHNICAL REPORT ON PATENT INFORMATION ACTIVITIES

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I. Evolution of patent activities:

The total number of applications for inventions filed in 2001: 1029 (968 in 2000)
including by national applicants 803
by foreign applicants 226

The total number of utility model applications filed in 2001 4 (9 in 2000)
All applications were filed by national applicants

The total number of inventions registered in 2001: 485 (476 in 2000)

The total number of utility models registered in 2001 10 (20 in 2000)

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

Information on registered inventions and utility models is published at the "Inventions" and "Utility Models" Sections of the Official Gazette "Rasmiy Ahborotnoma" every two months on paper form (6 issues per year).

Information includes bibliographic data, claim or abstract in Russian and Uzbek.

In 2001, information on 543 inventions and 14 utility models was published in Official Gazette.

In 2001, official publications included the following:

- . Official Gazette "Rasmy Ahborotnoma" - 6 issues per year);
- . Patent specifications and preliminary patent specifications - 530
- . Utility model specifications to patents -14
- . Collection of Annual Indexes to Official Gazette "Rasmy Ahborotnoma" for the year 2000 (sections of indexes for inventions and utility models) – 1 volume

Bibliographical database (based on MS FoxPro) is used for the preparation of materials. During the processing of applications all the documents concerning inventions are scanned and saved in facsimile form in TIFF format. Specifications and abstracts are recognized by OCR and saved in MS-Word format, drawings in TIFF format.

The equipment of HP Vectra VL workstations (twelve in number) is used to issue the Official Gazette

Composition of Official Gazette chapter concerning inventions is made by hand in MS-Word environment. New document processing system based on Informix and XML is being prepared to launch. This system will allow to automate the composition of Gazette.

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

Abstracts in both Russian and Uzbek continued to be included in published patent documents. Abstracts of preliminary patents and utility models are published in both Russian and Uzbek as well.

Applications for inventions and utility models are classified in accordance with the respective edition of the International Patent Classification (IPC). As of January 1, 2000, the seventh edition of IPC has been used.

Identification of bibliographic data (INID codes) appeared on the first pages of patent documents and in Patent Gazette and unification of full texts are carried out in accordance with recommended WIPO Standards. The Office regularly publishes List of INID codes in Official Gazette to ensure effective usage of INID codes by patent documentation users.

. First loading of database is carried out by Special Entry Group at the Formal Examination Department. Bibliographic data upkeep and updating are carried out through the lifetime of application by all departments involved.

IV. Search file establishment and upkeep:

The collection of Republic Patent Library consists of current and retrospective portions of national patent documentation and foreign patent documentation included in PCT Minimum Documentation. Furthermore, it also comprises a file of patent-associated literature on JOPAL optical disks.

National Patent Collection includes patent specifications, preliminary patent specifications, utility model specifications to patents and certificates since 1993. Collection is arranged according to classifications IPC and the number of titles of protection.

The conditions of collection storage are determined largely by the type of information medium: patent documentation on paper is stored in folders on shelves and on CD-ROM in mechanized cases and juke-box.

In 2001, the collection was replenished with documentation from ten leading countries in the world and three international organizations included in PCT Minimum Documentation

Special division of the Office as well as specialists of Patent Office Examination Department perform patent search on the basis of library collection.

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

In order to search in National Data Bases of Inventions and Utility Models, an internal retrieval system designed on the basis of MS FoxPro for Apple Macintosh is

used. As soon as making a study of tools for building a structure of specification of invention in XML format (WorX SE product of HyperVision Limited) is completed, transition to new system will be started. The main difficulties of immediate transition are as follows: lack of built-in capabilities of XML document editing in MS Office applications and saving with plug-in OLE objects (editors of chemical and mathematical formulas). Input and addition of bibliographic data as well as document forming (documents concerning correspondence with applicant, inquiries, notifications, decisions, register lists, letters of protection, text for Official Gazette) and data base search are carried out using data base service program. Data base contains bibliographical information. This data base does not contain full texts and drawings. They are placed separately at the file depository.

Equipment used:

Workstations

HP Vectra VE, HP Vectra 400, Vectra VL, Kayak XA Workstation 90

Servers

HP NetServer LH Pro 5

HP NetServer LX Pro 1

HP NetServer LH 4 1

IBM RISC 6000 3

HP Optical 200fx and HP Optical 40fx

Plasmon D-240 CD-ROM library

Printers

HP LaserJet 5SI MX 11

HP LaserJet 2100 8

Apple Laser Writer 16/600 12

Scanners

Bell+Howel 3338 and 4040D

HP ScfnJet 6100C and HP ScanJet 5300C 12

3Com Corebuilder 3500 IP commutator

3 Com SuperStack IISwitch 3000 and 3300 commutator 2

SuperStack IISwitch 1000 and 1100 commutator 8

3 Com NetBuilder II SI 432 ruter 2

3 Com AccessBuilder 2008 and USR NETServer/8 access servers

uninterrupted power supplies for servers and other critical equipment

other technical facilities

Software

Operating systems

MS Windows NT 4.0 Server and MS Windows NT 4.0 Workstation, MS Windows 2000 Server, MS Windows 2000 Professional, AIX 4.2, RedHat Linux, Free BSD

MS Internet Information Server 4.0

MS Internet Explorer 5.5 (and higher) browser

XML msxml13.dll support library

MS Exchange Server 5.5

MS SQL 2000 database server

Excflibur Text Search Datablade

LanDocs business process management system
OCR FineReader Enterprise 4.0
Cheyenne ArcServer 6.5 reserve copy system
MS Office 2000 applications
Graphics processing tools and edit schems
Adobe Acrobat, Adob Photoshop, Adob Illustrator, Adob StreamLine, Adobe
PageMaker
Automatical translation system
Prompt 98
Chemical formula drawing system
ChemWindowSuite 5.1
Local area network

The Local area network having 400 ports was set up in the main building of the Patent Office. All the ports are commutated. All the ports guarantee 10 Mbps capacity at all the working places and 100 Mbps on 32 ports used for server connection. The Local area network having 24 ports with 10/100 Mbps capacity was set up at the building of the Republic Patent Library. Local cable systems meet fifth-category networks requirements (Standard ANSI EIA/TIA-568)and built on the basis Mod-tap equipment.

Internet Services

Patent Office was connected to the Internet through leased radio-line with 64 Kbps connection speed

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):

Republic Patent Library is responsible for forming and functioning of National Patent Collection. Republic Patent Library, simultaneously as an in-house and public library serves a wide range of public and Office's staff.

The Library collection contains 60 millions copies of patent documents. The overall area occupied by the Library is:

working premises – 918,1 sq. meters
reading halls – 215,2 sq. meters
storage facilities – 458,1 sq. meters

The Library is equipped with alarm system and fire fighting system.

Acquisition of library collection is carried out by international exchange, subscription and acquisition with own publications. Acquisition management is carried out by administration of Library. The collection on paper and microforms is located at the basement depository, CD-ROM collection is stored in mechanized cases and juke-box. Delivery of patent documents is carried out at the reading hall and at the computer hall of the library, and under interlibrary lending.

Patent Library attendance totaled 12, 387 visitors and 9,165,600 patent documents were delivered.

Information services include automated patent search on CD-ROM, and remote database search as well.

Data bases used:

- ESPACENET, European patent data base;
- IBM Patent Server, IBM patent data base
- JAPIO, Japan patent data bases
- Russian patent data base
- US Patent Bibliographic Data, US patent data base.

Moreover, traditional services, namely, subject selection, selective dissemination of patent information according to inquires, various kinds of patent search, copying, selecting and delivery of documents according to readers' requests, classifying in accordance with International Patent Classification, National Classification for Inventions, and other consulting services are available.

VII. Matters concerning mutual exchange of patent documentation and information:

The Official Gazette of the Republic of Uzbekistan containing information on registered inventions and utility models is sent to Patent Offices of the following countries: AM, BE, BY, CH, CZ, DE, EE, GB, HR, JP, KG, KZ, LT, LV, MD, NL, RO, RU, TJ, TM, UA, US as well as to the international organizations such as EPO, WIPO and regional organization such as Eurasian Patent Office.

The State Patent Office of the Republic Uzbekistan receives patent gazettes from the following countries: AT, AZ, BY, CH, CZ, DE, EE, GB, GE, HR, JP, KG, KZ, LT, MD, NL, RO, RU, TJ, TR, TM, UA as well as from international organizations such as EPO and WIPO and regional organization such as Eurasian Patent Office. Gazette exchange is exercised on paper form. In the frame of exchange State Patent Office of the Republic of Uzbekistan receives patent gazettes on CD-ROMs from the following countries: AM, AT, CH, GE, JP, TM, US. The State Patent Office of the Republic of Uzbekistan participates in Project concerning creation of regional patent information product of CIS countries on CD-ROM.

In 2001, the State Patent Office web-site was set up. The structure of web-site as a new form of organization of information activity of the State Patent Office of Uzbekistan was developed in accordance with WIPO Recommendations. Work concerning organization and completing thereof is being conducted. The main aim of web-site is to provide a wide range of users with efficient and accurate information on Patent Office activities, functioning, information services and publications thereof. The texts of documents constituting statutory foundation of the State Patent Office activities are available at the web-site. Our URL: <http://www.patent.uz>

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

In 2001, Regional Conference “Role of Intellectual Property in Economical Development of Country” was jointly organized and held with WIPO. Representative from WIPO, Finland, Denmark, Russia, Kazakhstan, Kyrgyzstan, Georgia, Belarus, Ukraine participated in the aforementioned Conference. Three seminars on legal protection of intellectual property subjects were held.

The State Patent Office staff participated in various international seminars conferences, symposiums.

State Patent Office staff held 10 training seminars for national applicants.

Exhibitions of the new patent information publications were held by Republic Patent Library on a regular basis.

In order to reveal and prepare gifted children and teenagers to the creative work, great attention was paid to systematical work with secondary school pupils. With this purpose, Republic Exhibition of Children Technical and Design Creation, a number of training events devoted to patent law and information technologies were jointly held with Republic Center of Technical Creation of Pupils. Summer holidays of children were organized at the healthy camps. Annual seminars for the heads of children technical creation study groups were held in various regions of the Republic of Uzbekistan.

In 2001, a Competition on The Best Intellectual Property Subject was held to honor tenth anniversary of independence of the Republic of Uzbekistan. The aim of competition was to promote invention activity and scientific and technical creation in order to solve the problems related to raising and further development of national economy. It was the first competition held for a wide range of nominations. In the end of competition, prize-winner for five nominations were determined and awarded with money prize and diploma

Popularization of State Patent Office activities is organized in mass media and national TV channel on a regular basis.

Training courses for patent specialists from regions of Uzbekistan are being held at the Office

A.Azimov

Director

Performer:

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