

# WIPO



SCIT/ATR/PI/1999/EA

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**WORLD INTELLECTUAL PROPERTY ORGANIZATION**

GENEVA

**STANDING COMMITTEE ON INFORMATION TECHNOLOGIES**

**ANNUAL TECHNICAL REPORT**

**1999**

**ON PATENT INFORMATION ACTIVITIES\***

submitted by the

**EURASIAN PATENT OFFICE**

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

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\*  
– 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.

## ***EURASIAN PATENT ORGANIZATION*** **ANNUAL TECHNICAL REPORT ON PATENT INFORMATION** **ACTIVITIES**

### 1. Evolution of patent activities:

- time for examination of eurasian applications (from the filing to the granting date) increased slightly to an average of 15 months in 1999;
- a number of filed eurasian applications increased from 1085 to 1117 compared with respect to the previous year.

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

In 1999 EAPO continued preparing the blueprints of its official publications using its own publishing facilities. The unified information technology involves scanning, image recognition, editing, and blueprints make-up. As the number of published patent documents increased in 1999, many stages of the technology were improved to utilize more automation and new software capabilities.

Printing of the EAPO publications is performed by other companies on contractual basis.

In 1999 the EAPO has issued the following official publications: the Gazette "Inventions (Eurasian applications and Patents)", full-text Descriptions of inventions in Eurasian Applications and Patents, Annual Index to the Gazette "Inventions (Eurasian applications and Patents)", Annual Report of the EAPO.

All official publications of the EAPO were issued in 1999 on paper with the exception of full-text Descriptions of inventions to Eurasian Applications and Patents issued on CD-ROMs. Version on paper of the CD-ROM products was still available upon request.

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

In 1999 the classification of patent documents was carried out in the EAPO using 6-th edition of the International Patent Classification and later the EAPO started preparing the stock of the eurasian applications and patents for transition to 7-th edition of IPC to reclassify.

### 4. Search file establishment and upkeep.

In 1999 the EAPO initiated activities on creation search database of patent and non-patent documentation.

The search database is formed on the basis of the developed information technology of extracting bibliographic information and abstracts from CD-ROMs, converting the data, bringing it to reformatting them to the unified standard, indexing and loading data into the corresponding database. At present the search database contains 2270546 documents, including abstracts and bibliographic information:

- patent documentation of European countries, including Austria (1990-1999), Great Britain (1979-1998), Germany (1991-1999), Bulgaria (1991-1995), Benelux countries (1991-1998), Hungary (1991-1995), Denmark (1990-1997), Spain (1990-1997), Italy (1993-1995), Poland (1991-1995), Romania (1990-1995), the Czech Republic (1991-1995), Switzerland (1990-1997), African organization of intellectual property (1992);
- WIPO patent documentation (1978-1999);
- EPO patent documentation (1978-1990);
- Russia patent documentation (1994-1999);
- EAPO patent documentation applications and patents published in 1999, retrospective of patents 1996-1998).

The search database contains also bibliography of patent-associated literature from JOPAL CD-ROM (1981-1997).

The search information in the patent stock can be performed by the following search indices: patent number, publication date, IPC, key word indexing, description of applicants, patent holders and inventors.

Updating of search information is permanently underway. The search database is stored on a special server and removable information carriers.

An access to full-text descriptions on CD-ROM is effected using specially designed browser adopted to any types of information carriers available in the EAPO.

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

All the EAPO personnel have an access to the local area network

##### 5.1. In-house systems.

5.1.1. Computerized search system for stocks of patent and non-patent information. The system is designed the information support of examiners and specialists of the EAPO for information search and provides a unified access to legislative, normative and inquiry information of the EAPO, patent and non-patent documentation, stored on CD-ROMs, subscription's fund and also literature obtained by mutual exchange. The system is realized as a INTRANET-system based on the local area Web-server.

5.1.2. Accounting system "Parus" is designed for computerized procedures of all accounting operations.

##### 5.2. Administrative management system.

The system is designed for raising the standards of work quality at all technological stages of consideration of the EAPO applications (applications filed from the Contracting states; applications filed directly and PCT applications).

##### 5.3. Equipment used.

No.	Description	Qty
1	Server UE3500 with 2x250MHz/1MB Cache CPUs, 256 MB RAM Memory, 1xCPU/MEMORY Board, 1xSBus I/O Board, 4 GB Internal Fast/Wide SCSI System Disk, SunCD 12, 2xPower/Cooling Module 300W,Solaris Server License.	1
2	17" Color Monitor (1280x1024), TGX, Russian Keyboard, mouse, cable.	1
3	SPARCstorage Array 114, 12.6GB (3x4.2GB /7200) FWSCSI-2 + 25-Mbytes/s Fibre Channel Optical Module	1
4	SPARCstorage Library Model 8/400. It includes two 20-GB 8mm tape drives, 20 cartridges in two magazines, and a barcode reader as a standard option. SBus differential SCSI Host Adapter for Server, cables	1
5	Solstice Backup 5.0.1 Server Edition for Solaris Base Pack, Media, Documentation, License	1
6	Solstice Backup 5.0.1 1-32 slot jukebox module RTU License	1
7	Dell OptiPlex GXaL. Intel Pentium II 233MHz, 512KB PLB Cache, 32MB EDO RAM, S3 Trio64V+ (int.), video with 2MB RAM, 3.2GB EIDE, 3.5"FDD, HP SureStore CD-Writer 6020 (6xR, 2xW) Ext IDE Drive, 16-bit Crystal SB (int.), Altec Lansing ACS90 speaker&microphone, rus/lat	1

	Windows 95 kbd, 10/100 Base-TX Ethernet, W95 Rus, Monitor 17" D-1025-HE (Nokia Trinitron).	
8	Dell OptiPlex GXaL. Intel Pentium II 233MHz, 512KB PLB Cache, 32MB EDO RAM, S3 Trio64V+ (int.), video with 2MB RAM, 1.6GB EIDE, 3.5"FDD, 12/24 speed EIDE CD-ROM, 16-bit Crystal SB (int.), rus/lat Windows 95 kbd, 10/100 Base-TX Ethernet, W95 Rus, Monitor 17" D-1025-HE (Nokia Trinitron).	13
9	Astra, Intel Pentium III 350 – 500 MHz, 512KB PLB Cache, 64-128 MB EDO RAM, video with 2MB RAM, 1.6GB EIDE, 3.5"FDD, 8 speed EIDE CD-ROM, lat Windows NT kbd, 10/100 Base-TX Ethernet, W95 Rus, Monitor 17" D-1027-HE	11
10	Dell Power Edge 2100. Intel Pentium II 200MHz, 512KB PLB Cache, 64MB EDO RAM, video with 1MB RAM, 1.6GB EIDE, 3.5"FDD, 8 speed EIDE CD-ROM, lat Windows NT kbd, 10/100 Base-TX Ethernet, W95 Rus, Monitor 17" D-1027-HE	1
11	Printer HP LaserJet 5M, Mono, A4, 600dpi, 12 ppm, Ethernet, PostScript.	3
12	Printer HP LaserJet 4MV, Mono, A3, 600dpi, 12 ppm, Ethernet, PostScript.	1
13	Color Scanner HP ScanJet 6100C, A4, 600 dpi, loader, + Software + OCR(Russia).	1
14	Printer Xerox 4508	5
15	Printer Xerox 4510	3
16	SuperStack II Switch 1000, 24 Ethernet Ports + 100 Mbit/s Fast Ethernet ports	1
17	19-inch Wall Mount Rack, Closed, 14 Unit's, Deep 400mm + Cooler Module	1
18	KATT Patch Panel, 48xRJ-45, Cat-5, UTP.	3
19	2-Wire Short Range Modem. 600 bps up to 128 kbps, 2-wire full duplex, range up to 5.5 km, DTE interface: V.24/RS-232, V.35, RS-530, X.21 or G.703.	1
20	Powerware Profile 15 KVA with batt. 7 min, 3-input phase, 1-output phase + Power Link II SNMP Adapter	1
21	Solaris 2.x Server Media Kit CD.	1
22	Solaris 2.x Full Documentation Set.	1

23	INFORMIX OnLine DSA 7.2 – licenses for 24 concurrent users.	1
24	HyperScript Tools-version 1.1.x/1.5 16/32 bits - 2 development licenses	1
25	HyperScript Tools-version 1.1.x/1.5 16/32 bits - 22 runtime licenses	1
26	WordPerfect (Russian) - 20 licenses	1
27	MSoftwareWordPerfect (Russian) - 20 licenses	60
28	Corel WordPerfect Suite 8 - 1 license	1
29	Win 95 (Russia) with ability to replace Win 95 licenses with Windows NT – workstations ones	60

#### 5.4. External databases, existing interactive information storage facilities.

The project on systematization and structuring of existing information sources of the EAPO was significantly developed in 1999. The structure of the project was fully elaborated and the tender for software developers was carried out. One of the most important goals of the project is to develop tools for automated searches in own patent resources and interactive access to all Eurasian patent documents.

The minimal range of documents planned to support:

- full-text descriptions of inventions in Eurasian patents in Russian;
- bibliographic data and abstracts of Eurasian applications in Russian and English;
- images of descriptions of inventions in Eurasian applications in Russian;
- bibliographic data and claims in Eurasian patents in English.

Later the project would involve the opportunity to access the searchable Eurasian patent documents databases from the Internet. Currently the Web site of the EAPO grants free access to the Eurasian patent attorneys database and the Eurasian patents legal status database (for the EAPO member countries only).

#### 6. Administration of the industrial property office library and services available.

Planning and collecting the EAPO library fund is carried out based on the study of information requirements of the EAPO examiners and specialists in patent and non-patent (patent-associated) documentation and literature. Patent documentation on CD-ROMs (more than 5000 pcs) is stored in the fund and received from WIPO (since 1978), EPO (since 1978), Austria (since 1991), Great Britain (since 1979), Germany (since 1991), countries of Eastern Europe ( Bulgaria, Hungary and others, since 1991), Benelux countries (since 1991), the USA (since 1994), Russia (since 1994), Canada (since 1999), France (since 1978), and patent and non-patent documentation from GlobalPat, INSPEC, JOPAL CD-ROMs. Non-patent documentation is presented by periodic publications which Office receives as subscriber, Gazette "Inventions (Eurasian applications and Patents)", annual reports, reference publications and other documents obtained by mutual exchange from the Contracting states of Eurasian Patent Convention, National Offices, EPO and WIPO. Legislative, normative and reference documentation, including Eurasian patent legislation, normative-methodic and

reference documentation, publications about Eurasian Patent System, WIPO standards are represented in the fund. To satisfy the increasing information demands of examiners, indices of external sources of patent and non-patent documentation as well as patent and scientific libraries, available through INTERNET were formed accessible to these information sources. The Agreement was signed with All-Russian Patent and Scientific Library on complex patent-information and library services cooperation.

Activities on complex computerization of library fund and services rendered for examiners and specialists of the EAPO were further continued in 1999. Automated system of interlibrary lending was developed, providing: registration of incoming documentation and literature, preparing, storing and administering the machine-readable patent information fund, control and registration of fund, control over usage of information sources, access to electronic sections of database fund, information-searching services for examiners and specialists of the EAPO and preparation EAPO patent databases for publication in INTERNET. CD-ROM containing the EAPO legal, normative, methodic and reference documentation is issued on the regular basis.

The System was developed as INTERNET/INTRANET -system of the separate local area Web-server based on of WINDOWS NT 4.0 and IIS 4.0 platform.

#### 7. Matters concerning mutual exchange of patent documentation and information.

In 1999 the EAPO continued its activities in the field of international and regional cooperation on patent documents exchange on paper carriers. The EAPO official publications were sent to more than 20 countries, as well as to WIPO and EPO.

The library stock in the EAPO is formed with full-text descriptions of inventions, bibliographic data and abstracts, patent-associated and non-patent information provided by WIPO International Bureau, EPO and patent offices of Austria, United Kingdom, Germany, Japan and other countries. In 1999 the agreements for patent documents mutual exchange were reached between the EAPO and patent offices of the Czech Republic, France, the USA and Canada.

In the end of 1999 the library stock contained about 5000 CD-ROMs with documents and necessary software.

The EAPO is participating in the Regional CD-ROM project that is carried out to publish patent documents of the EAPO and CIS countries. The first test Regional CD-ROM was issued in the early 2000.

#### 8. Other relevant matters.

8.1. Training courses for the EAPO staff are organized on regular basis. The President of the EAPO agreed upon the schedule for training courses (3 stages) for all final users (including the President), courses for Information departments staff (MIMOSA, Design of our publications, Access to EPO databases (Hague) et?..) - special trainings. Zero stage includes some steps for beginners. (Windows, Word...). First stage includes some steps (Internet, Excel, E-mail, Multi-Translators...). Second stage (CS, Access to External Databases (EPOque, Derwent, USA patent...), Mimosa, etc).

The EAPO organized and financed a 7-week training courses of the EAPO specialists on: "HyperScript advantaged course" (October) and Common Software (source code programming)(November), EPO training on Common Software (Development) in December, the WIPO held one-day seminar "PCT-EASY" (March). The EAPO personnel representing Automation office work Department and Search & Information systems Department trained in Moscow Training centers on: Solaris (3 weeks), Informix (3 weeks), HyperScript basics (1 week).

8.2. Training of specialists from 4 Contracting states (the Republic of Armenia, the Republic of Belarus, the Republic of Tajikistan, the Republic of Turkmenistan).

8.3. Participation in the seminar held in the Republic of Moldova. (April).

8.4. Initiating the procedure of developing a set of statistical indices extracted from the Administrative System database and mailed to the WIPO.

8.5. Transfer of computer and telecommunication equipment to national patent offices of the Contracting states of the Eurasian Patent Convention, needed for access to the Internet, and the training courses were organized in the Republic of Kazakstan, the Kyrgyz Republic, the Republic of Tajikistan, the Republic of Armenia and the Republic of Belarus.

[End of Annex]