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WORLD INTELLECTUAL PROPERTY ORGANIZATION
GENEVA

STANDING COMMITTEE ON INFORMATION TECHNOLOGIES

ANNUAL TECHNICAL REPORT

2001

ON PATENT INFORMATION ACTIVITIES¹

submitted by

GEORGIA

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

¹ – 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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GEORGIA**I. Evolution of patent activities:**

- Changes experienced in terms of application filings and grants with respect to the previous year;
- Trends or areas experiencing rapid changes with respect to the previous year.

In 2001 there was 14% increase in the number of the PCT Applications (fields are biotechnology and chemistry) in comparison with the previous year. The number of utility models applications filed has decreased by 22% in comparison with the previous year.

	2000		2001	
	Inventions	Utility Models	Inventions	Utility Models
Applications	418	121	475	94
Grants	451	206	268	120

There were no changes in trends or areas during the last year.

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.);

"Sakpatenti" continued publishing of the Official Bulletins on paper in Georgian language.

- Main types of announcements of the Office in the field of patent information; Main types of announcements of the Office in the Official Bulletin are as follows:
 - the abstracts of patent applications laid open for the public inspection for a period of 3 months;
 - the abstracts of the granted patents;
 - the abstracts of utility models laid open for the public inspection for a period of 3 months;
 - the industrial designs (bibliographic data and image);

All the bibliographic data are provided with INID Codes (ST.9).

The Bulletin contains subject-matter index and numerical index.

In 2001 Sakpatenti started to publish the decisions taken by the Chamber of Appeals.

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

Mass storage media used is paper and optical storage.

The Official Bulletin in Georgian language is stored on paper. The three-lingual

Official Bulletin (Georgian, English, Russian) is stored on CD-ROM discs. The full-texts of inventions and utility models are stored on paper.

– Word processing and office automation;
Word processing is fully automated in LAN using local DB and MS Office products.

– (New) techniques used for the generation of patent information (printing, recording, photocomposing, etc.).

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

– Abstracting, reviewing, translating;

During the reported period 413 abstracts and full-texts were prepared for publication, thereof 299 inventions and 114 utility models. The following work was performed:

- abstracting;
- classifying by the International Patent Classification;
- processing of bibliographic data and full-texts;
- indexing abstracts and required bibliographic data for generation and publication purposes.

– 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 inventions and utility models were classified according to the 7th edition of IPC.

– Coordinate indexing (ICIREPAT-types and/or domestic deep indexing systems, keyword indexing);

– Hybrid system indexing;

– Bibliographic data and full-text processing for search purposes.

The bibliographic data and full-texts are processed by means of computers in MS Word format and published on CD-ROM discs.

IV. Search file establishment and upkeep:

– File building;

During the reported period 268 full-texts of inventions, 120 – utility models on paper of the national documents were added to the domestic patent collection. The foreign collection is regularly replenished with the CD-ROM discs from WIPO, EPO and other patent offices. The search file is arranged according to IPC and is used both by examiners and by any person interested in search.

– Updating;

The search file is continuously up-dated.

- Storage, including mass storage media;

The collection of the full-texts of the national documents on paper is arranged according to IPC and numerically. They are stored in files in the Sakpatenti library.

- Documentation from other offices maintained and/or considered part of the available search file.

The library continued completing of the foreign collection for the purposes of examination on the machine-readable carriers: Espace World, Espace EP-A, Espace-Europe, USAPAT, Cassis, PAJ (Patent Abstracts of Japan), GlobalPat, Espace-Access, Espace-Bulletin, Espace-Process, Patents of Russia, Espace AT, BREF, Cosmos INPI Patents, Europe and PCT Gazette, Jopal, Iplex.
Examiners for search purposes use Juke-boxes.

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

- In-house systems (online/offline);

Search in the in-house databases is performed online. Each examiner is able to search in the local database from his workstation. The foreign databases are searched off-line on CD-ROMs by means of MIMOSA and DIAPAT (Russian search system) softwares. Certain collection of CD-ROMs are arranged in Juke-boxes.

- External databases;

External databases, in particular, Questel-Orbit, STN, and Delphion are accessible by the Internet. The leased Internet line is in operation, all the sections of the Inventions' Department are connected to the Internet and are able to perform search in the patent databases of different countries from their workplaces.

- Administrative management systems (e.g., register, legal status, statistics, administrative support, etc.);

In 2001 the automated system development program was implemented, that included;

- development of the users software by means of the database management system "Oracle", the modern versions of Oracle Jdeveloper, and on the basis of existing program complexes;
- expanding of the network infrastructure so that an interested outer user shall be provided with information service by Internet, as well as online.
- modernization of technical means in stages – use of modern computer complexes, information exchange and processing of graphic information.

The final target of the development program is the creation of flexible system that shall provide the fully automated cycle from filing the application to grant of the patent and full control of the application procedure in this technological cycle.

In 2001 the PCT-EASY system was introduced.

The full-texts of inventions and utility models are stored in the Office server and are represented in the MS Word-format.

Each database is accessible from workstations by means of LAN. All databases are managed using ODBS Paradox 4.5

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

In the automated system up to 14 kinds of workstations are used which are as follows:

- filing and initial processing workstation;
- examiner's workstation;
- Bulletin formatting and printing workstations;
- Registry keeping workstation;
- workstation for monitoring the payments;
- officials' workstations;
- the automated system of Sakpatenti is based on a powerful LAN comprising 102 (total number) workstations and 5 servers. It is a fast (100Mbps) network based on 12 port switches. 3 items of 3Com Supertack and 1 item of ATM Switch 3Com Corebuilder and 7000 connect the local Hubs and 4 powerful servers of the system.

Each workstation is equipped with a printer, UPS and have CD-ROM, as well as DVD drives.

On 3 servers of the LAN the network operating system WIN NT4.0 and on 1 server MS Windows 2000 is installed. Paradox V.4.5 for DOS is used for the database management.

- Existing online thesauri; their structure, presentation and usefulness for computerized searches.

Online thesauri has not been created so far.

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):

The library of the office comprises the patent documentation on machine-readable carriers, such as CD-ROMs and floppy discs and on paper. The total number of CD-ROMs reaches about 6000 and they are stored in corresponding storage files. In the library two workstations are available for the examiners (if necessary) and the public for search and retrieval. For the public assistance of the expert is available for the search purposes. The Internet is also accesible for the search purposes and for obtaining the variety of information relating to the industrial property activities.

The library also comprises non-patent literature, such as reference books, dictionaries, encyclopedias, etc. The staff members of the library at the request of the examiners also provides with the qualified technical translation of the patent documents from English, German and French languages.

- Planning, administration, automation, security, buildings;

To develop the management automation system (new project) reflecting the work process of Sakpatenti the Patent and Trademark laws and Regulations were studied carefully, on the basis of the mentioned for all forms of protection the first and second editions of the project were created under the title: "Elaboration and Development of Information Management Automated System by Means of Modern Imfromation Technologies and Software". This part of the project represent the logical structures, block diagrams describing the process. The so called time diagram was created that describes in details the full technological cycle: receiving of an application, processing, examination, correspondence,

formation of the protective documents and grant. The forms and annexes required for application and correspondence were developed.

After studying the hardware of Sakpatenti it was ascertained that part of the hardware is obsolete and cannot comply with the requirements of the new system, on the basis of the mentioned list of the preferable hardware was developed.

On the basis of the performed work the structures of the databases were created. The creation of the new software product – interface has begun and is going on regular basis. The system is being prepared for development.

- Collecting, acquisitions, preparation;
- Collection management, preservation;
- Interlibrary lending, resource sharing, networks of patent libraries in the country;
- 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).

As reported in 2000 Sakpatent has acquired the new building which is used for training and for the public. Here the public can receive the consultations regarding the preparation of the applications, perform preliminary search, etc. For the purpose 3 workstations with the access to the Internet were installed.

In 2001 the updating of the Sakpatenti web-site was planned (the web-site is expected to be available from April 2002). The web-site shall contain the Official Bulletins of Industrial Property, so that official publication shall be widely available for the public. It shall also contain all the Laws of Georgia in the field of intellectual property protection (Georgian and English languages), all the forms for filing the applications, information on fees, terms of payment, news, etc.

From May 2001 Sakpatenti is supplying to INPADOC the information relating to entry into the national phase of the PCT applications.

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 mutual cooperation in the exchange of information with the Austrian Patent Office is still continuing – Sakpatenti is receiving the Official Bulletins on paper and full-texts on CD-ROMs. From Japanese Patent Office Sakpatenti receives the abstracts of published unexamined patent applications (PAJ). The abstracts are on CD-ROMs and are searchable using MIMOSA software, CD-ROM discs cover the period of 1976-2001. Sakpatenti is sending them the Official Bulletin on CD-ROMs. Sakpatent is receiving the Official Bulletin of France on paper.

The Official Bulletins on CD-ROMs are sent to various foreign countries and to the local ministries, universities, information centres, to the Technical Library of Georgia and scientific research institutes, the Parliament Library.

- Medium used for exchange of priority documents;

On paper.

- Medium allowed for filing applications;

Paper and electronic filing.

- Implementation of the Statement of Principles Concerning the Changeover to Electronic Data Carriers for the Exchange of Patent Documents² (please make a status report on the extent to which your Office has changed over to electronic data carriers for the exchange of patent documents).

During the reported period Sakpatenti has formed a database of abstracts and full-text patent documents in Georgian language, has published three-lingual Official Bulletins on CD-ROMs for the subsequent exchange with other patent offices, has started to receive applications in electronic format, has been using e-mail for the exchange of information and Internet for searching the information.

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; For 3 patent examiners of "Sakpatenti" WIPO funded (participation of the automation specialist was funded by Skapatenti) training program that was implemented at the German Patent and Trademark Office.

- Assistance to developing countries (sending consultants and experts, receiving trainees from developing countries, etc.);
- Promotional activities (seminars, exhibitions, visits, advertising, etc.);

At Sakpatenti on September 18-19, 2001 was held INPADOC Database Regional Workshop organized by EPO. In the Workshop participated Sakpatenti examiners, as well as examiners from the Armenian Patent Office. For Sakpatenti examiners the seminar led by the representative of the German Patent and Trademark Office was held (under WIPO aegis). Sakpatenti officials also participated in the number of seminars organized by WIPO and EPO.

- Studies to identify trends in new technology, e.g., by the use of patent statistics, preparation of monographs, etc.;
- Assistance furnished by offices to facilitate the changing over of receiving offices to electronic data carriers for the exchange of patent documents (see also item 4 of Chapter VI, above).

IX. Other relevant matters.

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² See WIPO *Handbook on Industrial Property Information and Documentation* CD-ROM, Part 8.4.