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(Geneva, September 26 to 29, 1966)

PROGRESS REPORT ON "WORLD PATENT INDEX" PLAN

1. This report, prepared in consultation with the International Patent Institute, details the results of a survey of potential users of the World Patent Index to assess the volume and value of the services demanded. The survey was conducted on the basis of a descriptive brochure and a questionnaire (see Annex I) issued under the joint imprint of BIRPI and the International Patent Institute (IIB).

2. The survey was agreed upon at the meeting of the BIRPI Advisory Group of the International Committee of Novelty-Examining Patent Offices of December 9 and 10, 1965.

3. Brochures and questionnaires for the survey were mailed to industrial organizations, patent agents and attorneys primarily by their respective national patent offices while some were also mailed directly by BIRPI and the IIB.

Summary of Survey Results

4. Prospective World Patent Index users from 23 countries returned 1,083 completed questionnaires. They are listed in Annex IV.

5. Since service costs in the brochure were specified over a range and some questionnaires were answered by quantities in range terms (e.g., 10 to 20), it is possible to present the estimated income results over a range. The minimum annual income estimated from the services that would be used is \$901,480, and the maximum \$1,886,620. The mid-point estimate of annual income from the services is \$1,383,555. Any further discussion of income values in this report will apply to mid-point estimates.

6. The income value and percent of total income estimated for each of the service types is as follows (see also Annex V):

Individual Reports	\$ 626,775	45%
Current Awareness Services	\$ 648,780	47%
Weekly Reports	\$ 108,000	8%
	<u>1,383,555</u>	<u>100%</u>

7. The income from Current Awareness Services is important since, presumably, these services could begin shortly after the Service becomes operative.

8. Detailed tables of survey results are presented in Annex II to this report.

System Costs

9. In September 1965, BIRPI, working with computer firms, estimated costs for the prospective World Patent Index System. One must differentiate between two periods.

10. The first period involves the first four years required for establishing a staff and facilities for the system, constructing an initial file and data bank, and programming. However, during the last two years of this four-year period it would already be possible to furnish Current Awareness Services. The estimated cost for these four years are the following:

1st year	\$ 200,000
2nd year	\$ 300,000
3rd year	\$ 400,000
4th year	\$ 500,000

11. The second period, starting with the fifth year, involves the time during which the system has a file complete enough to offer all the services envisaged. The estimated cost for this period is \$800,000 per year.

Summary of Potential Users' Observations

12. Observations and suggestions concerning the World Patent Index Service were invited in Part D of the questionnaire. Out of the total of 1,083 replies, 346 contained observations. These consist mainly of general comments and suggestions concerning the nature of the Service as described in the brochure but include some suggestions for additional services.

13. Many additional services requested would in themselves be desirable but would greatly increase the cost of the Service and had been previously considered and rejected for this reason. Others, on the other hand, are capable of being introduced into the Service without affecting the cost significantly.

14. Twenty-six replies raised the question of the retro-activity of the Index pointing out that the usefulness of the Service in the first few years will depend on the extent to which it is made retroactive. This is a question which deserves further study.

15. The majority of the observations received show a lively interest in the scheme and an encouraging number of potential users (75) expressed enthusiasm; only four replies were actively opposed to the Service. A number (23) observed that other Organizations already provide satisfactory services for their needs.

16. The most important of the frequently recurring suggestions are described in Annex III to this report.

17. The Interunion Coordination Committee is invited to express its view on the possible continuation of this plan.

BIRPI

United International Bureaux
for the Protection of
Intellectual Property
GENEVA, SWITZERLAND

IIB

International Patent Institute
THE HAGUE, NETHERLANDS

PLAN

FOR A

“ WORLD PATENT INDEX ”

The Essence of the Proposed Service

BIRPI and the International Patent Institute are currently studying the question of establishing an international service which would make it possible in respect of the *millions* of patents granted and patent applications published *anywhere in the world*:

- to identify all those which are based on the same priority, claimed under the Paris Convention,
- to indicate, in each case, when there is a reported change in the legal status (grant, cancellation, expiration, etc.),
- to identify all those which show the same applicant, patentee, or inventor,
- to list all those which relate to a given branch of technology,
- to furnish other information described in this Brochure.

Purpose of this Brochure

The purpose of this Brochure is to give information on the proposed Service to prospective users, and to ask them to indicate the extent to which they would expect to use the Service under certain fee conditions.

The Service will be established only if there is sufficient interest in it to make it self-supporting in the long run.

Origin of the Idea for a World Patent Index

BIRPI (**B**ureaux **I**nternationaux **R**éunis pour la **P**rotection de la **P**ropriété **I**ntellectuelle) is an international intergovernmental organization, located in Geneva, Switzerland. It administers international treaties concluded between sovereign States for the protection of patents, trademarks, other forms of industrial property, copyright, and neighboring rights.

Among these treaties the one which is the oldest and has the most adherents is the Paris Convention (International Convention for the Protection of Industrial Property). At the beginning of 1966, 74 States were members, including the major industrial powers of the world: Algeria, Australia, Austria, Belgium, Brazil, Bulgaria, Cameroon, Canada, Central African Republic, Ceylon, Chad, Congo (Brazzaville), Cyprus, Cuba, Czechoslovakia, Denmark, Dominican Republic, Finland, France, Gabon, Federal Republic of Germany, Greece, Haiti, Holy See, Hungary, Iceland, Indonesia, Iran, Ireland, Israel, Italy, Ivory Coast, Japan, Kenya, Laos, Lebanon, Liechtenstein, Luxembourg, Madagascar, Malawi, Mauritania, Mexico, Monaco, Morocco, Netherlands, New Zealand, Niger, Nigeria, Norway, Philippines, Poland, Portugal, Rhodesia, Rumania, San Marino, Senegal, South Africa, Spain, Sweden, Switzerland, Syrian Arab Republic, Tanzania, Trinidad and Tobago, Tunisia, Turkey, Uganda, Union of Soviet Socialist Republics, United Arab Republic, United Kingdom of Great Britain and Northern Ireland, United States of America, Upper Volta, Viet-Nam, Yugoslavia, Zambia. International protection of inventions rests today almost exclusively on this treaty.

BIRPI has been administering this treaty since its entry into force in 1885, that is, for more than 80 years.

One of the consultative committees of BIRPI, the "International Committee of Novelty-Examining Patent Offices," suggested to BIRPI in October 1964 that it explore, in consultation with interested circles, the possibilities of establishing the Service in question.

After more than a year's intensive study—in which participated such leading electronic computer firms as Bull (General Electric), Electrologica (Philips), International Business Machines (IBM), International Computers and Tabulators (ICT), and Remington Rand (UNIVAC)—BIRPI reported to an international working group which met in December 1965 and in which participated the National Patent Offices of Austria, France, Federal Republic of Germany, Hungary, Netherlands, Poland, Sweden, Switzerland, United Kingdom of Great Britain and Northern Ireland, United States of America, as well as the International Patent Institute and ICIREPAT (Committee for International Cooperation among Examining Patent Offices).

This meeting proposed that further studies should be carried out by BIRPI in collaboration with IIB.

The IIB (Institut International des Brevets) is an international intergovernmental organization, located in The Hague, Netherlands. Based on the Treaty of The Hague of June 6, 1947, it carries out novelty searches on patents or patent applications filed in the adhering States (Belgium, France, Luxembourg, Monaco, Morocco, Netherlands, Switzerland, Turkey, United Kingdom) on behalf of the Governments of these States, as well as on behalf of inventors, applicants, patent lawyers, patent agents, corporations, etc. Moreover, IIB carries out several kinds of other documentary searches, e.g., novelty searches concerning inventions for which no patent application has (yet) been filed; infringement searches; searches concerning the state of the art at a given date and concerning a given subject; parallel patents in 16 States.

The drafts of this Brochure and the questionnaire annexed to it were submitted to the above-mentioned international meeting and are based in their present form on its advice.

Some Statistics

Taking the expected average for the next ten years, it is estimated that, during the period 1967-1976:

- approximately 650,000 patent applications will be filed each year in some 80 National Patent Offices of the world,
- approximately 320,000 patents will be issued each year in the world,
- these patents will relate to some 100,000 different inventions.

In other words, within a span of ten years, the information system would have to deal with approximately 3.2 million patents relating to one million different inventions.

Each of these inventions may be classified in one or more of the 40,000-odd sub-groups of the international classification system currently perfected.

Any one of the inventions may show one or more inventors. It is estimated that the one million inventions will show 1.5 million inventors.

Data of this volume can only be stored and retrieved economically by means of an electronic data processing system (computer).

What Information Would Be “ Fed Into ” the System ?

- *In respect to a patent*, the following data would be fed into the system:

- the name of the country granting it,
- its number (the “ patent number ”),
- its date,
- the date and the serial number of the application,
- the classification of the patent according to the international and/or national classification,
- the name(s) of the patentee(s),
- the name(s) of the inventor(s),
- the country, date, and, where available, the serial number, of the application on which the priority claim is based (“ first application ”).

● Not all countries publish data concerning a patent application, but most of them do. *In respect of applications* filed in such countries, the system would register every phase concerning which data are published. These may comprise:

- notice that the application has been filed,
- notice that the application has been laid open for public inspection,
- notice that interested parties may file opposition to the grant,
- notice that the application has been withdrawn,
- notice that the application has been refused.

In connection with each of these phases, the system would register the designation of the country, the relevant dates and serial numbers, the data concerning priority claims, the names of the inventors and applicants, and the classification symbols.

● *After the grant of the patent*, the system would register the following events to the extent that they are published by the competent Patent Offices:

- changes in the classification of the patent,
- payment of renewal fees,
- lapse for non-payment of renewal fees,
- renunciation,
- cancellation.

What Information Could be "Printed Out" by the System ?

The system would be so designed that it could:

- list all patents and published patent applications which correspond to each other, that is, relate at least in part to the same invention¹ (the questioner would have to indicate a patent number or the serial number of an application); any list would contain the dates, serial numbers, classification symbols, and inventors' names, as indicated above;
- indicate any change (growth or diminution) in the said lists;
- indicate any change in the status of a given published application (e.g., that it has been withdrawn, refused, or granted), or of a patent (e.g., that it has expired, lapsed, or has been cancelled);
- list all the patents and published applications showing a given name as patentee or as applicant;
- list all the patents and published applications containing the name of a given inventor;²
- list all the patents and published applications showing a given sub-group of the international classification.³

¹ Of course, if for some reason no priority was claimed in a later patent application, it could not be included in the list.

² Some countries do not publish the names of inventors. As long as they continue this practice, their patents could not be included in the "list of inventors."

³ This service would function to the extent that the international classification is used by the country involved, or if some other country assigns international classification numbers to foreign patents not yet using the international classification.

ESTIMATE OF EXPECTED USE OF "WORLD PATENT INDEX" SERVICE

Please complete and return to the Patent Office
(Industrial property Office) of your Country before
May 30, 1966.

A. INDIVIDUAL REPORTS

I/we expect to order, in an average year:

- A(1) (indicate number) reports listing all the applications and patents published which relate to the same invention (\$10 to \$20 per report).
- A(2) (indicate number) reports listing all the published patent applications filed by a given applicant and all the patents granted to a given patentee (\$10 to \$20 per report).
- A(3) (indicate number) reports listing all the published patent applications and patents indicating as inventor or co-inventor the name of a given person (\$10 to \$20 per report).
- A(4) (indicate number) reports listing all the published patent applications and patents which are classified in the same sub-group of the international classification system (\$20 to \$40 per report).

B. CURRENT AWARENESS SERVICE

I/we expect to ask the Service to notify me/us promptly of the publication:

- B(1) of filings and patent grants concerning (indicate number) different given inventions (\$20 to \$40 per year and per invention to be monitored);
- B(2) of changes in the status of (indicate number) different given published applications or patents (\$20 to \$40 per year and per application or patent to be monitored);
- B(3) of filings and patent grants showing as applicant or patentee the names of (indicate number) different given persons or companies (\$20 to \$40 per year and per name to be monitored);
- B(4) of filings and patent grants showing as inventor or co-inventor the names of (indicate number) different given persons (\$20 to \$40 per year and per name to be monitored);
- B(5) of filings and patent grants showing (indicate number) different given sub-groups of the international classification (\$40 to \$80 per year and per sub-group to be monitored).

C. WEEKLY REPORTS

I/we expect to subscribe to (indicate number) copies of the weekly reports described in the Brochure. (The price of a yearly subscription (52 issues) is expected to be between \$400 and \$800.)

D. OBSERVATIONS

(Please indicate here any observations or suggestions concerning the proposed "World Patent Index " Service.)

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It is understood that the above estimates have no binding force on me/us.

Any further communications should be addressed to

(for the attention of.....)

(Name and address)

What Kind of Services Would be Furnished by the World Patent Index ?

The services provided would be of three main kinds: "Individual Reports," "Current Awareness Service," and "Weekly Reports."

A. Individual Reports

A customer interested in the complete situation at the moment he asks for the information could obtain any of the following services:

- (1) A list of all the published applications and patents *relating to the same invention.*
- (2) A list of all the published patent applications filed by a given *applicant* and all the patents granted to a given *patentee.*
- (3) A list of all the published applications and patents *showing, as inventor or co-inventor, the name of a given person.*
- (4) A list of all the published applications and patents *classified in a given sub-group of the international classification.*

- The lists would normally be furnished by the Service one or two days after the day the request has been received. They could be cabled, telexed, or mailed, to the customers.
- The lists would contain all the data retrievable from the system: dates, serial numbers, national and international classification symbols, names of applicants, patentees, and inventors.
- The customer could limit the scope of the lists ordered by him by asking that they should cover only specified years and/or specified countries.

The "Individual Reports Service" would be particularly useful:

- to the patent departments of corporations, patent lawyers, and agents, since it would allow them to formulate a better judgement as to whether it is worth while filing an application for a given invention in a given country, and would allow them to make an assessment as to the patent situation in a given country, and
- to scientific researchers and documentalists, since it would enable them to establish, as far as reflected by patent documents, the "state of the art" up to the minute in any given branch of technology.

Depending on the estimated number of orders for individual reports, the fee would probably be between \$10 and \$20 for any of the first three kinds of individual reports described above, and between \$20 and \$40 for the fourth kind (classification).

B. Current Awareness Service

The customer would place a standing order with the Service, renewable from year to year.

(1) The customer would indicate the serial number of an application filed, or of a patent granted, in a given country, and ask the Service to *notify him of the filing of a patent application or the grant of a patent in any other country for the same invention, as soon as the filing or grant is published.*

(2) The customer would indicate the serial number of an application filed, or a patent granted, in a given country, and ask the Service to *notify him, as soon as published, of any new event published in respect thereof in any country, such as the fact that the application has been laid open for public inspection or opposition, or that it has been withdrawn, refused, or granted; that the patent has been renewed, has expired, lapsed, been renounced, or cancelled; that the classification has been modified.*

(3) The customer would indicate the name of a person or company and ask the Service to *notify him (the customer) of all patent applications and patents which show the name indicated as being the name of the applicant or patentee, as soon as they are published.*

(4) The customer would indicate the name of a person and ask the Service to *notify him (the customer) of all patent applications and patents which show the name of that person, as soon as they are published.*

(5) The customer would indicate a sub-group of the international classification and ask the Service to *notify him of all patent applications and patents bearing the same classification, as soon as they are published.*

- In all the above cases, the Service would normally notify the customer one or two days after it receives the gazette of the National Patent Office publishing the information sought. Since it is expected that the Service would receive the gazettes from one to five days after their publication, it should generally not take more than one week from the publication of the gazette to inform the customer. Of course, information could be sent not only by letter but by cable or telex.

- The notification to the customer would not only indicate the event but would also always include all the data fed into the system in connection therewith: relevant dates, serial numbers, classification symbols, names of the applicants, patentees, and inventors.

The "Current Awareness Service" would be particularly useful:

- to the patent departments of corporations, patent lawyers, and agents, who wish to receive prompt information on the status of the applications and patents of their own clients or their competitors,
- to scientific research and documentation departments, as well as to the examiners of National Patent Offices who wish to be promptly informed about any new filing or grant published in any given branch of technology.

Depending on the estimated number of subscriptions, the subscription fee would probably be between \$20 and \$40 per year for any of the first four kinds of services, and between \$40 and \$80 for the fifth kind of service (classification).

C. Weekly Reports

Customers could subscribe to the "weekly reports" of the Service.

Such reports would consist, each week, of a printed volume of approximately 200 pages. (They might be furnished in some form other than printing, for example, microfilm.)

Each issue would cover information received the previous week from the National Patent Offices.

In the left-hand column would be published the numbers of the applications or patents published by the National Patent Offices of each country. These numbers would be grouped by country and follow the same order in which they appear in the national patent gazettes. *In the right-hand column*, opposite each number, would be printed all the information, available at the date of publication, on applications and patents issued in all the other countries (designation of country, serial numbers, dates, classification, symbols, names of applicants, patentees, and inventors) and relating to the same invention as the one indicated in the left-hand column.

- Weekly reports would be particularly useful to National Patent Offices conducting a world-wide novelty search. If the examiner is given a list of all published applications and patents relating to the same invention, he would generally have to keep in his file and read *only one* of them, with resulting savings in his time, in space for storage, and in translation. Furthermore, the process of classification of foreign documents would have to be gone through *only once* and would be consistent. Finally, the earliest disclosure date, detrimental to novelty, could be established with far better chances of accuracy than without such lists.
- At the end of each year, an index would be published to the yearly reports.

Depending on the number of subscribers, the price of a subscription for one year (52 weekly issues) would probably be between \$400 and \$800.

Request for Reply

National Patent Offices, inventors, enterprises exploiting inventions, scientists, research institutes and laboratories, technical documentalists and librarians, as well as patent departments of corporations, patent lawyers, patent agents, and any other prospective users, would render a great service if they would fill in and return to the Patent Office of their country the enclosed questionnaire on the expected use of the Service.

One of the factors upon which the establishment itself of the Service depends is the volume of its expected use since the Service must be self-supporting in the long run, and whether it will be depends on the amount of fees to be charged and the frequency of its use.¹

Consequently, all prospective users are urged to send in their replies by May 30, 1966.

¹ It is understood, of course, that the replies do not commit the replier to actual use.

A N N E X II

This Annex contains the following four tables:

Table 1 presents the number of requests estimated for each type of service by the users of each country.

Table 2 presents the total income, number of questionnaires returned, and the average income per returned questionnaire for each country. It also gives the value of the maximum income specified by one questionnaire from each country.

Table 3 presents the income for each type of service and the percentage of total country income for each type of service for all countries whose replies total \$ 10,000 or more per year.

Table 4 presents the same as Table 3 only for request volume instead of income values.

All tables in this annex are based on mid-point estimates.

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La présente Annexe contient les quatre tableaux suivants :

Le Tableau 1 indique le nombre de demandes estimées pour chaque genre de service par les usagers de chaque pays.

Le Tableau 2 indique le revenu total, le nombre de questionnaires renvoyés, et le revenu moyen calculé d'après les questionnaires renvoyés pour chaque pays. Ce tableau indique également la valeur du revenu maximum qui a été spécifiée par un questionnaire provenant de chaque pays.

Le Tableau 3 indique le revenu pour chaque genre de service ainsi que le pourcentage du revenu total par pays pour chaque genre de service pour tous les pays dont les réponses totalisent au moins \$ 10.000 par an.

Le Tableau 4 donne les mêmes indications que le Tableau 3 quant au nombre des demandes, au lieu de la valeur des revenus.

Tous les tableaux figurant dans cette annexe ont été établis sur la base d'estimations moyennes.

Table 1. Number of Requests Estimated for Each Type of Service by Country.

Tableau I. Nombre de demandes estimées pour chaque genre de service, par pays.

COUNTRY	INDIVIDUAL REPORTS				CURRENT AWARENESS SERVICE					WEEKLY REPORTS
	A (1)	A (2)	A (3)	A (4)	B (1)	B (2)	B (3)	B (4)	B (5)	
AUSTRALIA	21	6	4	25	5	5	7	0	17	0
AUSTRIA	225	130	54	168	103	52	77	30	75	0
BELGIUM	30	37	22	18	17	10	13	8	9	2
BULGARIA	20	10	10	10	10	10	10	5	5	1
CANADA	38	32	20	18	2	2	8	2	4	1
FINLAND	35	17	1	28	9	8	7	3	14	0
FRANCE	1226	746	564	878	336	148	344	158	205	8
GERMANY, F.P.	4307	2163	767	3220	1616	1028	921	352	1418	41
IRELAND	4	2	2	60	5	2	3	5	6	0
ITALY	989	779	236	495	280	182	247	135	217	8
JAPAN (1)	23	11	15	3	7	4	9	1	6	2
LUXEMBOURG	20	40	0	20	30	0	30	0	0	0
MONACO	0	0	0	0	0	0	0	0	0	0
NETHERLANDS	187	60	25	109	94	66	32	17	12	9
NORWAY	19	9	9	23	14	9	8	8	14	1
POLAND (2)	-	-	-	-	-	-	-	-	-	-
SOUTH AFRICA	23	4	2	45	4	4	0	0	8	0
SPAIN	50	40	0	20	13	0	10	0	10	2
SWEDEN	332	142	84	283	119	66	72	31	153	6
SWITZERLAND	470	399	158	408	215	115	137	83	283	9
UNITED KINGDOM	1173	1006	437	957	358	412	233	142	287	17
UNITED STATES	3497	2084	1513	1820	1923	1358	1272	713	1057	70
USSR	20	10	10	100	10	20	10	10	100	3
TOTALS	12709	7727	3933	8708	5172	3501	3450	1703	3900	180

(1) Complete survey results have not been received from the Japanese Patent Office. A supplement to this report will be issued upon the receipt of complete returns from all countries.

Des résultats complets de l'enquête n'ont pas encore été reçus du Bureau des Brevets japonais. Un supplément à ce rapport sera publié au reçu des résultats complets de tous les pays.

(2) Survey results from Poland are now being verified.

Les résultats reçus de Pologne sont en cours de vérification.

TABLE 2: Total and Average Annual Income Estimates by Country and the Largest Income Specified by one Questionnaire by Country

TABLEAU 2 : Estimation du revenu annuel, total et moyen, par pays et revenu maximum indiqué par pays sur un seul questionnaire

COUNTRY	Total Annual Income \$	Number of Questionnaires returned	Average Annual Income per returned Questionnaire	Maximum Income specified by one Questionnaire
AUSTRALIA	2,745	3	915	1,260
AUSTRIA	23,535	38	619	3,045
BELGIUM	5,055	7	722	2,280
BULGARIA	2,850	1	-	-
CANADA	3,150	4	788	1,350
FINLAND	3,285	12	274	1,200
FRANCE	111,060	66	1683	25,800
GERMANY F.R.	432,345	310	1395	41,550
IRELAND	2,730	2	-	-
ITALY	88,050	43	2048	15,000
JAPAN	3,015	4	754	1,095
LUXEMBOURG	3,300	4	825	1,125
MONACO	0	1	-	-
NETHERLANDS	19,740	21	940	3,855
NORWAY	3,855	5	771	2,535
SOUTH AFRICA	2,505	14	179	1,050
SPAIN	4,500	2	2250	3,900
SWEDEN	38,280	44	870	4,950
SWITZERLAND	66,525	55	1210	11,175
UNITED KINGDOM	129,720	115	1138	13,410
UNITED STATES	424,410	332	1278	30,075
USSR	12,900	1	-	-
TOTAL	\$1,383,555	1083	-	-

TABLE 3 - Annual Income and Percent
 of Total Country Income for each
 Type of Service by Country

 TABLEAU 3 - Revenu annuel et pourcentage
 du revenu total des pays pour chaque
 genre de service, par pays

COUNTRY	INDIVIDUAL REPORTS				CURRENT AWARENESS SERVICE					WEEKLY REPORTS	TOTAL	
	A(1)	A(2)	A(3)	A(4)	B(1)	B(2)	B(3)	B(4)	B(5)			
AUSTRIA	\$	3375	1950	810	5040	3090	1560	2310	900	4500	0	23535
	%	14.4	8.3	3.5	21.4	13.1	6.6	9.8	3.8	19.1	0.0	100.0
FRANCE	\$	18390	11190	8460	26340	10080	4440	10320	4740	12300	4800	111060
	%	16.5	10.1	7.6	23.7	9.1	4.0	9.3	4.3	11.1	4.5	100.0
GERMANY, Fed. Rep.	\$	64605	32445	11505	96600	48480	30840	27630	10560	85080	24600	432345
	%	14.9	7.5	2.7	22.3	11.2	7.1	6.4	2.5	19.7	5.7	100.0
ITALY	\$	14835	11685	3540	14850	8400	5460	7410	4050	13020	4800	88050
	%	16.8	13.3	4.0	16.9	9.5	6.2	8.4	4.6	14.8	5.5	100.0
NETHER- LANDS	\$	2805	900	375	3270	2820	1980	960	510	720	5400	19740
	%	14.2	4.6	1.9	16.6	14.3	10.0	4.9	2.6	3.6	27.3	100.0
SWEDEN	\$	4980	2130	1260	8490	3570	1980	2160	930	9180	3600	38280
	%	13.0	5.6	3.3	22.2	9.3	5.2	5.6	2.4	24.0	9.4	100.0
SWITZER- LAND	\$	7050	5985	2370	12240	6450	3450	4110	2490	16980	5400	66525
	%	10.6	9.0	3.6	18.4	9.7	5.2	6.2	3.7	25.5	8.1	100.0
UNITED KINGDOM	\$	17595	15090	6555	28710	10740	12360	6990	4260	17220	10200	129720
	%	13.6	11.6	5.0	22.1	8.3	9.5	5.4	3.3	13.3	7.9	100.0
UNITED STATES	\$	52455	31260	22695	54600	57690	40740	38160	21390	63420	42000	424410
	%	12.4	7.4	5.3	12.9	13.6	9.6	9.0	5.0	14.9	9.9	100.0
USSR	\$	300	150	150	3000	300	600	300	300	6000	1800	12900
	%	2.3	1.2	1.2	23.3	2.3	4.7	2.3	2.3	46.5	13.9	100.0
OTHERS	\$	4245	3120	1275	8100	3540	1620	3150	960	5580	5400	36990
	%	11.5	8.4	3.4	21.9	9.6	4.4	8.5	2.6	15.1	14.6	100.0
TOTAL	\$	190635	115905	58995	261240	155160	105030	103500	51090	23400	108000	1383555
	%	13.8	8.4	4.2	18.9	11.2	7.6	7.5	3.7	16.9	7.8	100.0

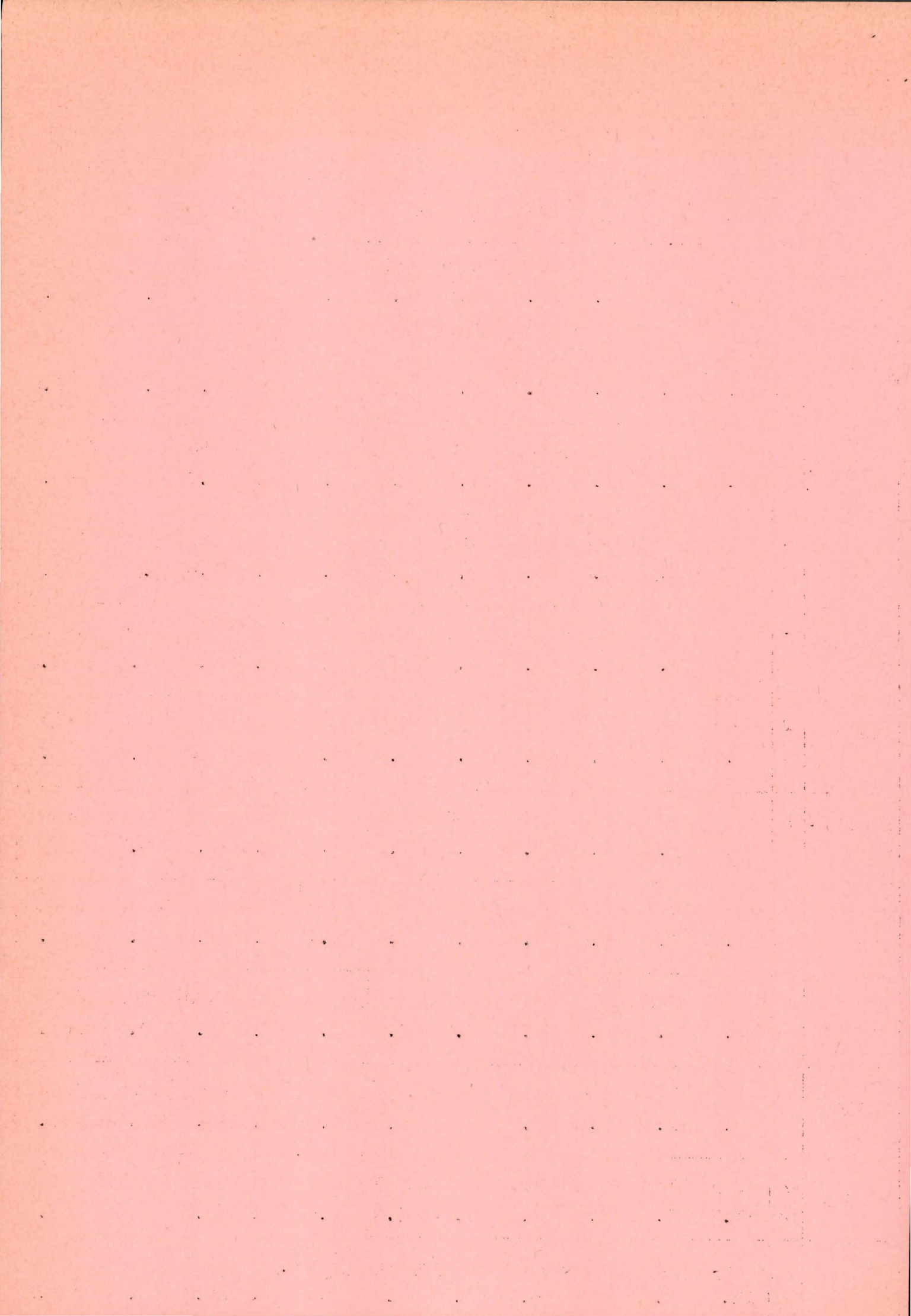


TABLE 4: Request Volume and Percent of Total Country Volume For Each Type of Service by Country

TABLEAU 4: Nombre des demandes et pourcentages par rapport au nombre total de demandes des pays pour chaque genre de service, par pays

COUNTRY		INDIVIDUAL REPORTS				CURRENT AWARENESS SERVICE					WEEKLY REPORT
		A(1)	A(2)	A(3)	A(4)	B(1)	B(2)	B(3)	B(4)	B(5)	
AUSTRIA	No	225	130	54	168	103	52	77	30	75	0
	%	24.6	14.2	5.9	18.4	11.3	5.7	8.4	3.3	8.2	0.0
FRANCE	No	1226	746	564	878	336	148	344	158	205	8
	%	26.6	16.2	12.2	19.0	7.3	3.2	7.5	3.4	4.4	0.2
GERMANY Fed. Rep.	No	4307	2163	767	3220	1616	1028	921	352	1418	41
	%	27.2	13.7	4.8	20.3	10.2	6.5	5.9	2.2	8.9	0.3
ITALY	No	989	779	236	495	280	182	247	135	217	8
	%	27.7	21.8	6.6	13.9	7.8	5.1	6.9	3.8	6.1	0.2
NETHERLANDS	No	187	60	25	109	94	66	32	17	12	9
	%	30.6	9.8	4.1	17.8	15.4	10.8	5.2	2.8	2.0	1.5
SWEDEN	No	332	142	84	283	119	66	72	31	153	6
	%	25.8	11.0	6.5	22.0	9.2	5.1	5.6	2.4	11.9	0.5
SWITZERLAND	No	470	399	158	408	215	115	137	83	283	9
	%	20.6	17.5	7.0	17.9	9.4	5.1	6.0	3.7	12.4	0.4
UNITED KINGDOM	No	1173	1006	437	957	358	412	233	142	287	17
	%	23.4	20.0	8.7	19.1	7.1	8.2	4.7	2.8	5.7	0.3
UNITED STATES	No	3497	2084	1513	1820	1923	1358	1272	713	1057	70
	%	22.8	13.6	9.9	11.9	12.6	8.9	8.3	4.7	6.9	0.4
USSR	No	20	10	10	100	10	20	10	10	100	3
	%	6.8	3.4	3.4	34.2	3.4	6.8	3.4	3.4	34.2	1.0
OTHERS	No	283	208	85	270	118	54	105	32	93	9
	%	22.5	16.5	6.8	21.5	9.4	4.3	8.4	2.5	7.4	0.7
TOTAL	No	12709	7727	3933	8708	5172	3501	3450	1703	3900	180
	%	24.9	15.2	7.7	17.1	10.1	6.9	6.8	3.3	7.6	0.4

A N N E X III

The majority of the observations received fell into one or other of the categories described below.

(1) The following additional services which it would be too costly to include were suggested:

- (a) Inclusion of abstracts of claims in the input data;
- (b) Indexing of the subject-matter of patents by the use of a key-word system;
- (c) Supply of copies of patents and applications on request and in translation, if required;
- (d) Supply of separate weekly reports concerning one or a few classes of the International Patent Classification.

(2) The following additional services, capable of being introduced into the Service without significantly affecting the cost, were suggested:

- (a) Combinations of various A and B services.
- (b) Information, where available, that a patent is different from the published application should be included in the input data.
- (c) Weekly Reports should be made available on microfilm, microfiche, tape, or punched cards.

(3) Two additional services that had been previously considered for inclusion in the Plan but rejected because it is doubtful that the benefits would be of sufficient value to justify their cost were:

- (a) Inclusion of the titles of patents in the input data and
- (b) Inclusion of utility models.

If the demand for these services is sufficient to warrant their inclusion in the Service, further study could be made to determine the cost-benefit relationship.

(4) Twenty-six replies suggested that the World Patent Index should be made retroactive by including data concerning patents granted in the past.

(5) Twenty were unable to estimate the extent to which they would use the Service but said they would make use of it as the need arose. Another 23 observed that their use of the Service would increase gradually, after it is established and provided it proves efficient.

(6) Twenty-two queried the adequacy of the International Patent Classification, the most frequent comment being that the definitions of the sub-groups are too broad and need development.

(7) Twenty-three commented that their patent research needs are satisfied by their agents or other organizations. The following Organizations were described as providing satisfactory services:

International Patent Institute, IIB
Treuhandstelle Reichspatentamt, Berlin
NIDER, The Hague
Derwent Publications Limited (FARMDOC system)
UNIVENTIO, The Hague
International Patent Research Organization, IPRO.

(8) Ten expressed the view that the minimum fees quoted in the questionnaire were too high.

(9) Two American pharmaceutical firms opposed the Plan for a World Patent Index on the ground that, if established, it would provide opponents of the patent system and industrial pirates with an efficient tool to help them with their activities.

List of Potential Users of the World Patent Index

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AUSTRIA/AUTRICHE

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12. WAAGNER-BIRO A.G.
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2.	BEER	Dipl. Ing. V
3.	BINDER	Dipl. Ing. O
4.	COLLIN	Dipl. Ing. Dr. H.
5.	FRIEBEL	Dipl. Ing. L.
6.	HAMBURGER	Dipl. Ing. W
7.	HEFEL	Dipl. Ing. H.
8.	HÜBSEHER	Dipl. Ing. G.
9.	HULA	Dr. Tech. O.
10.	KLEIN	Dipl. Ing. A.
11.	KLUNZINGER	Dr. W.
12.	KNOLL	Dipl. Ing. H.
13.	KORESKA	W.
14.	KOTYZA	Dr. Ing. Dr. Jur. F.
15.	KRAUSE	Dipl. Ing. E.
16.	KRETSCHMER	Dipl. Ing. A.
17.	MACHU	Dipl. Ing. Dr. Tech. W.
18.	PULITZER	Dipl. Ing. O.
19.	REINBERGER	Dipl. Ing. P.
20.	RIPPEL	Dipl. Ing. A.
21.	SCHÜTZ	Dr. A.
22.	SONN	Dr. A.
23.	WALTER	Dipl. Ing. R. H.
24.	WOLFRAM	Dipl. Ing. G.

BELGIUM/BELGIOUE

Industry/Industrie

1. Société ANGLO-BELGE VULCAIN S.A.
2. Société BELGE POUR L'INDUSTRIE NUCLEAIRE
3. Société CARBOCHIMIQUE S.A.
4. SOUDURE ELECTRIQUE AUTOGENE S.A.
5. TREFILERIES LEON BEKAERT
6. U.C.B.

International Organization/Organisation internationale

EURATOM

BULGARIA/BULGARIE

1. L'INSTITUT DES INVENTIONS ET DES RATIONALISATIONS

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Industry/Industrie

1. ALUMINIUM LABORATORIES LTD.
2. CHEMCELL LTD.
3. McCONNELL & FOX

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1. SMART & BIGGAR

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1. FENNIA FANERIOSAKEYHTIÖ
2. OY AIRAM A.B.
3. OY MEDICA A.B.

(Finland/Finlande)

4. OY SAKO A.B.
5. OY TAM-KOS A.B.
6. JOUTSENO-PULP OSAKEYHTIÖ
7. TEKNOS-MAALIT OY
8. TYPPI OY
9. VALMET OY

Agents/Agents de brevets

1. LEITZINGER & CO.

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1. ASSOCIATION OF REGISTERED PATENT AGENTS
2. INSTITUTE FOR INDUSTRIAL RESEARCH AND STANDARDS

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Industry/Industrie

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4. COMPAGNIE FRANÇAISE DE RAFFINAGE
5. COMPAGNIE FRANÇAISE DE TELEVISION
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8. C. T. A.
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195. A. E. STALEY MANUFACTURING COMPANY
196. STANDARD OIL COMPANY
197. STANDARD PRESSED STEEL COMPANY
198. STAUFFER CHEMICAL COMPANY
199. STERLING-WINTHROP RESEARCH INSTITUTE
200. STRUTHERS SCIENTIFIC AND INTERNATIONAL CORPORATION
201. TEKTRONIX INC.
202. G. H. TENNANT COMPANY
203. TENNECO CHEMICALS INC.
204. TEXACO INC.
205. TEXAS INSTRUMENTS INC.
206. TIDEWATER OIL COMPANY
207. TOLEDO SCALE CORPORATION
208. TORRINGTON MANUFACTURING COMPANY
209. TRANE COMPANY
210. UNION CARBIDE CORPORATION
211. UNION OIL COMPANY OF CALIFORNIA
212. UNION TANK CAR COMPANY
213. UNITED AIRCRAFT CORPORATION
214. UNITED SHOE MACHINERY CORPORATION
215. UNITED STATES BORAX RESEARCH CORPORATION
216. UNIVIS INC.
217. V-M CORPORATION
218. VERNAY LABORATORIES INC.
219. VICTOR BUSINESS MACHINES COMPANY
220. WALL COLMONOY CORPORATION
221. WARNER-LAMBERT PHARMACEUTICAL COMPANY
222. WEATHERHEAD COMPANY
223. WESTERN COMPANY
224. WESTERN ELECTRIC COMPANY

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225. WESTERN EQUITIES INC.
226. WESTERN UNION TELEGRAPH COMPANY
227. WESTINGHOUSE ELECTRIC CORPORATION
228. WEYERHAEUSER COMPANY
229. WISCONSIN ALUMNI RESEARCH FOUNDATION
230. XEROX CORPORATION
231. ZENITH RADIO CORPORATION

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Government/Gouvernement

1. STATE COMMITTEE FOR INVENTIONS AND DISCOVERIES OF THE U.S.S.R.

A N N E X V

The International Patent Institute worked out the following estimates for services grouped as indicated below (percentages refer to the total estimated income):

	A		B		C	Totals
	Individual Reports		Current Awereness		Weekly Reports	
Patent families	A(1)	13.2%	B(1)	11.8%	-	25 %
Classification	A(4)	18.9%	B(5)	16.9%	-	35.8%
Legal Status	-	-	B(2)	7.6%	-	7.6%
Applicant, patentee or inventor	A(2)	12.6%	B(3)	11.2%	-	23.8%
	A(3)		B(4)			
Weekly reports	-	-	-	-	7.8%	7.8%
Totals		44.7%		47.5%	7.8%	100.0%