PHI PATENT

October 1997

IDRIS TO SUCCEED BOGSCH AS DIRECTOR GENERAL OF WIPO

Dr. Arpad Bogsch (78), citizen of the United States of America, Director General of the World Intellectual Property Organization (WIPO) for the last 24 years, will retire on 30 November 1997.

On Monday, 22 September 1997, the General Assembly of the World Intellectual Property Organization by acclamation appointed Dr. Kamil Idris to the post of Director General.

Dr. Idris, the third Director General of WIPO, a national of Sudan, fluent in English, French and Arabic, has been appointed to serve a term of office for six years from 1 December 1997 through 30 November 2003.

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REDUCTION IN PCT FEES AS FROM 1 JANUARY 1998

The Assembly of the International Patent Cooperation Union (PCT Union) held its twentyfourth (11th ordinary) session in Geneva from 16 September to 1 October 1997, in the context of meetings of the Governing Bodies of WIPO.

The Assembly decided, with effect from 1 January 1998, to reduce the basic fee by about 15% and the designation fee by about 19%. For international applications filed on or after 1 January 1998, the basic fee will be CHF 650 (USD 455) instead of CHF 762 (USD 530) and the designation fee will be CHF 150 (USD 105) instead of CHF 185 (USD 128). The new amounts of those fees and the new equivalent amounts in

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other currencies are shown in Table I(a).

It is interesting to note that between 1 January 1997 and 1 January 1998, the equivalent amount in USD of the basic fee will have decreased from USD 677 to USD 455, and the equivalent amount in USD of the designation fee will have decreased from USD 164 to USD 105, that is, a reduction of 33% and 36%, respectively.

(Amendment of Schedule of Fees annexed to the Regulations under the PCT and updating of PCT Applicant's Guide, Vol. I/B, Annex C (all Offices))

AMENDMENTS OF THE PCT REGULATIONS

The PCT Union Assembly also adopted a number of amendments

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COOPERATION

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of the PCT Regulations, in order to make procedures for the filing and processing of international applications simpler, safer, more flexible and more accessible to applicants, and to take into account rapidly changing technology.

A summary of the most important amendments adopted is given below, together with an indication of when those amendments will enter into force.

(1) Amendments which will enter into force on 1 January 1998

PCT Gazette: The *Gazette* will be made available in two forms:

(a) in paper form, containing the bibliographic data included on the front page of the pamphlet as specified by the Administrative Instructions under the PCT; there will be a single bilingual paper version of the *Gazette* which will replace the present two separate editions (namely, the English edition *PCT Gazette* and the French edition *Gazette du PCT*);

(b) in electronic form, containing the bibliographic data, any drawing appearing on the front page of the pamphlet, and the abstract; the electronic version will be made accessible, in English and French at the same time, by any electronic ways and means specified in the Administrative Instructions (which may, for example, be on the Internet or on CD-ROM).

PCT MATERIALS ON INTERNET (http://www.wipo.int)

PCT information Line

About the Treaty

Basic Facts about the PCT

The PCT in 1996

Text of the PCT

Text of the Regulations under the PCT

PCT Applicant's Guide

PCT request and demand forms

PCT Newsletter (Nos. 01 – 09/1997)

Documents for PCT Union Assembly (16 September–1 October 1997) (select "PCT Assembly documents")

Recent PCT press releases

The above changes to the *Gazette* will take place as soon as possible after 1 January 1998.

(2) Amendments which will enter into force on 1 July 1998

Language of the international application: The existing provisions as to the languages in which international applications may be filed will be broadened. Receiving Offices will be permitted to accept any language for the filing of international applications, and applicants may file such applications in any language so accepted. The different stages of processing of the international application will then, if necessary, be undertaken on the basis of a translation to be furnished by the applicant. Every receiving Office will, however, be obliged to accept filings in at least one language which is both a language accepted by the competent International Searching Authority and a language of publication, so that applicants would always have the option of filing the international application in a language from which no translation would be required for either search or publication purposes.

Priority claims and priority documents: The present requirements relating to the making of, and the correction of mistakes in, priority claims will be liberalized. Applicants will be able to correct or add a priority claim by a notice submitted to the receiving Office or the International Bureau within a time limit of 16 months from the priority date or. where the correction or addition would cause a change in the priority date, 16 months from the priority date as so changed, whichever 16-month period expires first. In any event, however, such a notice may always be submitted until the expiration of four months from the international filing date. The correction of a priority claim will be able to include the addition of any indication referred to in PCT Rule 4.10. Consistent with this more liberal approach, certain provisions relating to the furnishing of priority documents will also be amended.

Demand for international preliminary examination: The existing provisions will be amended so as to provide a safeguard in respect of the filing of a demand with an International Preliminary Examining Authority which is not competent to carry out international preliminary examination, or with a receiving Office, an International Searching Authority or the International Bureau. The new procedure will be similar to that which has already been introduced in the Regulations in respect of the filing of the international application with a receiving Office which is not competent to receive it (namely, the transmittal to the International Bureau as receiving Office under PCT Rule 19.4).

Access to files: Copies of documents in the files of the International Bureau and the International Preliminary Examining Authority will become more readily available to third parties after international publication. Express authorization will be given to elected Offices to provide access to documents in the international preliminary examination file (as held by the International Preliminary Examining Authority), *if permitted under the applicable national law*. Note that this amendment will only apply to international applications *filed on or after 1 July 1998*.

Fees: In addition to the above-mentioned fee reductions which will take effect on 1 January 1998, the procedures for the fixing of equivalent amounts of certain fees in currencies other than Swiss francs will be streamlined from 1 July 1998. Also, the time limits for payment of the different fees during the international phase will be made more uniform, and amendments will be made to clarify what amount is payable where the amount of a fee changes before payment, to provide for refunds in certain cases, and to align the approach in relation to (late) payment of Chapter II fees with that followed in relation to (late) payment of Chapter I fees.

Nucleotide and amino acid sequence listings: A new legal framework will come into force for the implementation of a standard for the presentation of nucleotide and amino acid sequence listings in international applications under the PCT. This will allow applicants to draw up a single sequence listing which is acceptable to all receiving Offices and International Searching and Preliminary Examining Authorities for the purposes of the international phase, and to all designated and elected Offices for the purposes of the national phase. No translations or special versions of sequence listings will need to be prepared if the above-mentioned standard is complied with.

Deposits of biological material: The scope of PCT Rule 13*bis,* which provides for the furnishing of indications concerning depos-

ited microorganisms, will be broadened to take into account recent developments in the field of biotechnology by covering deposits of other biological materials.

(3) Amendments which will enter into force at a time other than (1) and (2), above

Electronic filing of international applications: The Regulations will be amended so as to contain broad enabling provisions which will, in the future, give applicants the option of electronically filing international applications and other documents and correspondence with those receiving Offices which are prepared to accept such filings. This will also allow for electronic communications between, and processing within. Offices and Authorities. The amended Regulations relating to this matter will enter into force when the corresponding Administrative Instructions, containing the standards and other details concerning the requirements for the filing and processing of international applications in electronic form and by electronic means, are modified.

Where to find the text of the adopted amendments

The report of the PCT Union Assembly, together with the text of the amendments of the PCT Regulations, will soon be available on WIPO's Internet site. The text of the latter will soon be published in a special issue of the *PCT Gazette*. A revised consolidated text of the PCT and Regulations (WIPO Publication No. 274) will also be published in due course. The *PCT Newsletter* will make an announcement when the above-mentioned texts are available.

INTERNATIONAL SEARCHING AND PRELIMINARY EXAMINING AUTHORITIES: EXTENSION OF APPOINTMENTS AND NEW APPOINTMENT

Extension of appointments

The PCT Union Assembly extended, until 31 December 2007, the appointments of the Australian Patent Office, the Austrian Patent Office, the Chinese Patent Office, the European Patent Office, the Japanese Patent Office, the Russian Agency for Patents and Trademarks, the Swedish Patent and Registration Office and the United States Patent and Trademark Office as International Searching Authorities and International Preliminary Examining Authorities, and of the Spanish Patent and Trademark Office as International Searching Authority.

Appointment of the Korean Industrial Property Office as International Searching Authority and International Preliminary Examining Authority

The Korean Industrial Property Office was appointed as International Searching Authority (ISA) and International Preliminary Examining Authority (IPEA) at the abovementioned meeting of the PCT Union Assembly. That Office will become an ISA and IPEA as from the date of entry into force of the Agreement between the Korean Industrial Property Office and the International Bureau in relation to the functioning of the Office as an ISA and IPEA. That date of entry into force depends on the fulfillment by the Office of certain conditions.

Note that applicants cannot yet choose the Korean Industrial Property Office as ISA or IPEA. The date of entry into force of the Agreement and other details will be announced as soon as such information is known.

IDRIS TO SUCCEED BOGSCH AS DIRECTOR GENERAL OF WIPO [continued from cover page]

The WIPO Coordination Committee, on 19 March 1997, recommended the name of Dr. Kamil Idris, out of ten candidates, for appointment as the third Director General of WIPO.

Dr. Idris has had a remarkable career, from being an Ambassador of his country, a member of the United Nations International Law Commission (ILC) to a Deputy Director General of WIPO since 1994.

Emerging from within the Organization, Dr. Idris has intimate knowledge of the organization's activities as well as the views of the staff at all levels of the organization.

In his acceptance speech to the General Assembly, the Director General elect said WIPO "has a dual character" as an intergovernmental organization and as a marketoriented organization, requires "special operational and managerial principles in order to meet the expectations of its constituents." "WIPO generates substantial revenue. While this revenue is produced through the provision of services to the market sector, it is not the private revenue of a private enterprise, but revenue held in trust by an intergovernmental organization. Accountability is thus a fundamental operational principle of the organization," he said.

Paying tribute to the vision and energy of Director General Arpad Bogsch, "an exceptional thinker and leader," Dr. Idris said: "It is he who, through his talent and drive, coupled with his profound knowledge, has given the organization the shape, vitality and strength it has today."

(The above text, issued as a WIPO Press Release on 22 September 1997, and the complete text of the acceptance speech of Dr. Idris to the General Assembly of WIPO, are available on WIPO's Internet site (see Internet address on cover page).)

NEW PCT CONTRACTING STATES

The Gambia (country code: GM)

The Gambia deposited its instrument of accession to the PCT on 9 September 1997, and will become bound by the PCT on 9 December 1997. Therefore, in any international application filed on or after 9 December 1997, the Gambia may be designated and, because it will be bound by Chapter II of the PCT, may also be elected. Furthermore, as from 9 December 1997, nationals and residents of the Gambia will be entitled to file international applications under the PCT.

Since the Gambia is party to the Harare Protocol within the framework of the African Regional Industrial Property Organization (ARIPO), it will also be possible to designate the Gambia for the purposes of obtaining an ARIPO patent. Any designation for an ARIPO patent in an international application filed on or after 9 December 1997 will automatically include the designation of the Gambia for that purpose.

Guinea-Bissau (country code: GW)

Guinea-Bissau deposited its instrument of accession to the PCT on 12 September 1997, and will become bound by the PCT on 12 December 1997. Therefore, in any international application filed on or after 12 December 1997, Guinea-Bissau may be designated and, because it will be bound by Chapter II of the PCT, may also be elected. Furthermore, as from 12 December 1997, nationals and residents of Guinea-Bissau will be entitled to file international applications under the PCT.

PCT INFORMATION UPDATE

All PCT Contracting States (fees)

See cover page for details of the reduction in the basic and designation fees with effect from 1 January 1998. See "Supplement per sheet over 30," below, for information on changes in the equivalent amounts in certain currencies of that fee. See also Table I(a).

ES Spain (competent International Preliminary Examining Authority; time limits applicable for entry into the national phase)

The Spanish Patent and Trademark Office, in its capacity as receiving Office, has specified the European Patent Office (EPO) as competent International Preliminary Examining Authority.

Now that Spain has become bound by Chapter II, where Spain is elected for a national patent on or after 6 September 1997 and before the expiration of 19 months from the priority date, the time limit for entry into the national phase is 30 months from the priority date.

(Updating of *PCT Applicant's Guide*, Vol. I/B, Annex C (ES); Vol. II/A, National Chapter, Summary (ES))

MK The former Yugoslav Republic of Macedonia (language of translation)

The Industrial Property Protection Office of the former Yugoslav Republic of Macedonia has changed its requirements as to the languages of translation of the international application, as follows:

Translation of international application required into: Macedonian

(Updating of *PCT Applicant's Guide*, Vol. II/B, National Chapter, Summary (MK))

SG Singapore (fees)

The amount of the following fee, payable to the Registry of Patents of Singapore as receiving Office, has changed:

transmittal fee: see Table I(a)

(Updating of *PCT Applicant's Guide*, Vol. I/B, Annex C (SG))

Supplement per sheet over 30 (ROs: AT, AU, BE, CA, DK, ES, FR, IT, JP, LU, MC, NO, NZ, PT and SG)

As from 1 January 1998, there will be changes in the equivalent amounts of the supplement per sheet over 30, payable to the above-mentioned receiving Offices in the following currencies: ATS, AUD, BEF, CAD, DKK, ESP, FRF, ITL, JPY, LUF, NOK, NZD, PTE and SGD. The new amounts are indicated in Table I(a).

(Updating of *PCT Applicant's Guide*, Vol. I/B, Annex C (AT, AU, BE, CA, DK, ES, FR, IT, JP, LU, MC, NO, NZ, PT and SG))

Search fee (ISAs: AT, AU, CN, EP, ES, JP, RU and US)

As from 15 October 1997, there will be a change in the equivalent amount payable in CAD for an international search carried out by the European Patent Office, as indicated in Table I(b).

As from 1 January 1998, the amount payable for an international search carried out by the Russian Patent Office will be fixed only in USD. The amount payable in USD, and the equivalent amount payable in CHF, will also change from that date, as indicated in Table I(b).

As from 1 January 1998, there will be changes in the equivalent amounts payable in the following currencies for international searches carried out by the following International Searching Authorities (ISAs):

ISA/AT:	CHF, USD
ISA/AU:	CHF, NZD, SGD, USD
ISA/CN:	CHF
ISA/EP:	CAD, ISK, JPY, MWK, NOK,
	NZD, USD
ISA/ES:	CHF, USD
ISA/JP:	CHF, USD
ISA/US:	CHF, NZD

The new amounts are indicated in Table I(b).

(Updating of *PCT Applicant's Guide*, Vol. I/B, Annex D (AT, AU, CN, EP, ES, JP, RU and US))

Handling fee (IPEAs: AT, AU, EP, JP and SE)

As from 1 January 1998, there will be changes in the equivalent amounts of the handling fee, payable in the following currencies to the following International Preliminary Examining Authorities (IPEAs): IPEA/AT: ATS IPEA/AU: AUD IPEA/EP: ATS, BEF, DEM, DKK, ESP, FIM, FRF, GRD, IEP, ITL, LUF, NLG, PTE, SEK IPEA/JP: JPY IPEA/SE: SEK

The new amounts are indicated in Table II.

(Updating of *PCT Applicant's Guide*, Vol. I/B, Annex E (AT, AU, EP, JP and SE))

List of Contracting States

The pink tear-out provisional sheet for the *PCT Applicant's Guide*, Vol. I/A, Annex A (PCT Contracting States) includes the Gambia and Guinea-Bissau, and the dates of entry into force of the PCT in respect of those States (see page 4 for details).

PRACTICAL ADVICE

Adding applicants and/or inventors to the international application after the international filing date

Q: I am one of a team of three inventors in respect of an international application which was filed and subsequently accorded an international filing date a few weeks ago. Each of us should have been named as applicant/inventor for all designated States, but unfortunately the sheet containing the "Continuation of Box No. III" (continuation sheet of the request form), containing the details about the third applicant/inventor, was erroneously omitted from the request when filed. Is it possible to add further applicants and/or inventors after the international filing date?

A: It is possible to add further applicants, as well as further inventors or agents, by requesting the recording of a change under PCT Rule 92*bis*. In general, PCT Rule 92*bis* provides for changes (whether additions, deletions or any combination thereof) in respect of the person, name, residence, nationality or address of the applicant, and in respect of the person, name or address of the agent, the common representative or the inventor.

It is important to note, however, that any applicants and/or inventors added after the international application has been filed will be considered as applicants and/or inventors *only from the date on which their names are* *added.* Certain designated/elected Offices require that the name(s) of the inventor(s) be given in the request upon filing. However, some of those Offices may permit the addition of applicants and/or inventors under certain circumstances, depending on the national law.

In order to request the addition of a further applicant and/or inventor, a request under PCT Rule 92bis must be made by the applicant(s) of record (or on their behalf by their agent or common representative) in writing and may be sent either to the receiving Office or to the International Bureau. The International Bureau records the change if it receives the request before the expiration of 20 months or, if a demand for international preliminary examination has been filed within 19 months from the priority date, 30 months from the priority date. It should be noted that the applicable time limit is 20 or 30 months, even though a longer time limit for entering the national phase may be applicable in certain designated/elected Offices.

If it is intended that the international publication reflect the additional applicant and/or inventor, the request for recording the change should reach the International Bureau before the completion of technical preparations for publication (which generally takes place 15 days before the actual publication date).

Applicants who file a request for the recording of a change with the receiving Office are reminded that the decisive date is that of the International Bureau's receipt of the request transmitted by the receiving Office. Therefore, if the request is made shortly before the expiration of the time limits indicated above, it is recommended that it be sent direct to the International Bureau, preferably by fax.

For further details about which designated/ elected Offices require that the name(s) of the inventor(s) be given in the request upon filing, see *PCT Applicant's Guide*, Vol. I/A, Annex B1 and *PCT Newsletter* No. 06/1996; for further details about technical preparations for publication, see *PCT Newsletter* No. 03/1995; for further details about requests for recording changes, see *PCT Applicant's Guide*, Vol. I/A, paras. 352-355, and *PCT Newsletter* No. 10/1995).

	PCT SEMINAR CALENDAR									
Dates and Location	Language of seminar	Nature of seminar WIPO speakers (and others where known)	Organizer and contact numbers							
20–21 October 1997 Jakarta (ID)	English	WIPO National Seminar on the PCT WIPO speakers: Mr. Wang, Mr. Matthes and Mrs. Coeckelbergs	Directorate General of Copyrights, Patents and Trademarks Tel: (62–21) 552 48 39 Fax: (62–21) 552 53 86							
29–30 October 1997 Chicago (US)	English	Advanced PCT seminar for patent administrators and legal assistants WIPO speakers: Mrs. Coeckelbergs and Mr. Maassel	John Marshall Law School (Mr. Gary T. Watson) Tel: (1–312) 987 14 20 Fax: (1–312) 427 52 80							
10–11 November 1997 Boston (US)	English	Advanced PCT seminar for patent attorneys and patent administrators WIPO speakers: Ms. Boutillon and Mrs. Coeckelbergs	Boston Patent Law Association (Ms. Donna Boudreau) Tel: (1–617) 861 62 40 Fax: (1–617) 861 95 40 E-mail: donna.boudreau@HBSR.com							
13–14 November 1997 San Francisco (US)	English	Advanced PCT seminar for patent administrators and legal assistants WIPO speakers: Ms. Boutillon and Mrs. Coeckelbergs	Intellectual Property International (Ms. Virginia H. Meyer) Tel: (1–415) 289 74 71 Fax: (1–415) 331 60 68 E-mail: VHMeyerEsq@aol.com							
27–28 November 1997 Milan (IT)	English	PCT seminar for patent attorneys and patent administrators WIPO speakers: Mr. Wolff and Mrs. Coeckelbergs	Forum Institut für Management GmbH (Ms. Stefanie Hoben) Tel: (39–51) 22 24 82 Fax: (39–51) 22 20 61							
1–2 December 1997 London (GB) [originally indicated as 3–4 December 1997]	English	Advanced PCT seminar for patent administrators and legal assistants WIPO speakers: Ms. Boutillon and Mrs. Coeckelbergs	Management Forum Ltd Tel: (44–1483) 57 00 99 Fax: (44–1483) 53 64 24							
3 December 1997 London (GB) [originally indicated as 5 December 1997]	English	PCT workshop for patent administrators and legal assistants WIPO speakers: Ms. Boutillon and Mrs. Coeckelbergs	Management Forum Ltd Tel: (44–1483) 57 00 99 Fax: (44–1483) 53 64 24							
11 December 1997 Paris (FR)	French	Basic PCT seminar for patent administrators WIPO speaker: Mrs. Coeckelbergs	Institut national de la propriété industrielle (INPI) (Mrs. Christiane Sadrin) Tel: (33) 1 53 04 55 76 Fax: (33) 1 42 93 63 52							
5–7 January 1998 Zurich (CH) [Note that only a limited number of places are available for this seminar]	English	PCT seminar WIPO speakers: Mr. Matthes and Mr. Wolff Other speaker: Mr. Jenny	Swiss Federal Institute of Technology Zurich (ETH) NDS Geistiges Eigentum Tel: (41–1) 632 68 08 Fax: (41–1) 632 13 67 E-mail: laederach@recht.reok.ethz.ch brandstaetter@recht.reok.ethz.ch							
3–4 March 1998 Milan (IT)	English	PCT seminar for patent attorneys and patent administrators	Italian Association of Patent Attorneys in Industry (AICIPI) and the Ordine dei Consulenti in Proprietà Industriale (Mr. Francesco Macchetta) Tel: (39–2) 2778 51 97 Fax: (39–2) 2778 51 99							

PCT FEE TABLES

The following Tables show the amounts (including currencies—see the key to currency abbreviations following Table II) of the main PCT fees which are payable to the receiving Offices (ROs) and the International Preliminary Examining Authorities (IPEAs) during the international phase under Chapter I (Tables I(a) and I(b)) and under Chapter II (Table II). Fees which are payable only in particular circumstances are not shown; nor are details of certain reductions and refunds which may be available; such information can be found in the *PCT Applicant's Guide*, Vol. I/B, Annexes C, D and E. Note that all amounts are subject to change due to variations in the fees themselves or fluctuations in exchange rates. A 75% reduction in the basic fee, the supplement per sheet over 30, the designation and confirmation fees and the handling fee, as well as the transmittal fee payable to the International Bureau as receiving Office, is available to applicants from certain States; see footnote 2 for details. Footnotes to all Tables follow Table II.

Table I(a) — TRANSMITTAL, BASIC AND DESIGNATION FEES (as at 1 October 1997, unless otherwise indicated)

RO	Transmittal fee ¹		Bas	sic fee ^{1,2} HF 762)	Supplement per sheet over 30 ^{1,2} (CHF 15)	Designation fee ^{1,2,3} (CHF 185)	Competent ISA(s)⁴
AL	ALL	9,000	CHF	762	15	185	EP
		00.000	(from 1.1.98: USD	650)	(15)	(150)	
AM	AMD	32,000	(from 1.1.98:	530 <i>4</i> 55)	10 (10)	128 <i>(105)</i>	EP RU
AP	USD	70	USD	530	10	128	AT EP SE
	(or equiv in local	currency)	(from 1.1.98:	455)	(10)	(105)	-
AT	ATS	700	ATS	6,730	133	1,630	EP
			(from 1.1.98:	5,600)	(130)	(1,300)	
AU	AUD	100	AUD	685	13	166	AU
			(from 1.1.98:	640)	(14)	(150)	
AZ	AZM⁵	-	USD (from 1.1.98:	530 <i>4</i> 55)	10 (10)	128 (105)	EP RU
ВА	DEM	50	DEM	955	19	232	EP
54	DEM	50	(from 1.1.98:	800)	(19)	(184)	
BE	BEF	1,500	BEF	19,700	388	4,780	EP
			(from 1.1.98:	16,500)	(380)	(3,800)	
BG	BGL	3,000	BGL	equiv of CHF 762	equiv of CHF 15	equiv of CHF 185	EP RU
			(from 1.1.98:	650)	(15)	(150)	
BR	BRR	236	BRR	equiv of CHF 762	equiv of CHF 15	equiv of CHF 185	AT EP SE US
			(from 1.1.98:	650)	(15)	(150)	
BY	BYR equiv of U	ISD 70	USD	530	10	128	EP RU
			(from 1.1.98:	455)	(10)	(105)	
CA	CAD	200	CAD	708	14	172	EP
	0.115	100	(from 1.1.98:	632)	(15)	(146)	55
СН	CHF	100	CHF (from 1.1.98:	762 650)	15 (15)	185 <i>(150)</i>	EP
CN	CNY	500	CNY	equiv of CHF 762	equiv of CHF 15	equiv of CHF 185	CN
ÖN	ONT	500	(from 1.1.98:	650)	(15)	(150)	
сu	USD (or CUP	equiv) 200	USD (or CUP	,	USD (or CUP equiv) 10	USD (or CUP equiv) 128	AT EP ES RU
		,	(from 1.1.98:	455)	(10)	(105)	
cz	СZК	1,500	СZК	equiv of CHF 762	equiv of CHF 15	equiv of CHF 185	EP
			(from 1.1.98:	650)	(15)	(150)	
DE	DEM	150	DEM	955	19	232	EP
			(from 1.1.98:	800)	(19)	(184)	
DK	DKK	1,500	DKK	3,740	74	910	EP SE
			(from 1.1.98:	3,050)	(70)	(710)	
EA	RUR equiv of U	ISD 100	USD	530	10	128	EP RU
EE	EEK	1,500	(from 1.1.98: EEK	455) equiv of CHF 762	<i>(10)</i> equiv of CHF 15	<i>(105)</i> equiv of CHF 185	EP
	EEK	1,500	(from 1.1.98:	650)	(15)	(150)	EF
EP ⁶	DEM	200	DEM	955	19	232	EP
		200	(from 1.1.98:	800)	(19)	(184)	
ES	ESP	9,470	ESP	74,300	1,500	18,000	EP ES
			(from 1.1.98:	68,000)	(1,600)	(16,000)	
FI	FIM	800	FIM	2,900	55	700	EP SE
			(from 1.1.98:	2,400)	(55)	(550)	
FR	FRF	400	FRF	3,300	65	800	EP
			(from 1.1.98:	2,690)	(60)	(620)	
GB	GBP	55	GBP	328	6	80	EP
			(from 1.1.98:	285)	(6)	(65)	

[continued on next page]

RO	Transmittal fee ¹			sic fee ^{1,2} HF 762)	Supplement per sheet over 30 ^{1,2} (CHF 15)	Designation fee ^{1,2,3} (CHF 185)	Competent ISA(s)⁴
05	GEL ⁵		USD	530	10	128	
GE	GEL	_	(from 1.1.98:	455)	(10)	(105)	EP RU
GH	GHC ⁷	2,500	USD	530	10	128	AU EP
		or 5,000	(from 1.1.98:	455)	(10)	(105)	
GR	GRD	39,500	GRD	145,000	3,000	35,000	EP
			(from 1.1.98:	127,000)	(3,000)	(30,000)	
HU	HUF	10,000	HUF	equiv of CHF 762	equiv of CHF 15	equiv of CHF 185	EP RU
IB	CHF ²	300	(from 1.1.98: CHF	650) 760	(15)	<i>(150)</i> 185	See footnote 9
ю	or USD ²	200	or USD	762 530	15 10	128	See 10011101e 9
			(from 1.1.98: C		(15)	(150)	
			(or USD	455)	(10)	(105)	
IE	IEP	60	IEP	335	7	82	EP
			(from 1.1.98:	300)	(7)	(70)	
IL	ILS	383	USD (from 1.1.98:	530 455)	10 (10)	128 (105)	EP US
IS	ISK	5,500	ISK	455) 37,400	(<i>10)</i> 700	(<i>105)</i> 9,100	EP SE
15		0,000	(from 1.1.98:	32,000)	(700)	(7,400)	
г	ITL	60,000	ITL	953,000	19,000	232,000	EP
1			(from 1.1.98:	783,000)	(18,000)	(181,000)	
JP	JPY	18,000	JPY	59,800	1,200	14,500	EP JP
			(from 1.1.98:	55,000)	(1,300)	(12,700)	
KE	USD (or KES equiv	v) 30	USD	530	10	128	AT AU CN EP SE
КG	KGS equiv of USD	60	(from 1.1.98: USD	<i>455)</i> 530	<i>(10)</i> 10	(105) 128	EP RU
NO	NGS equiv of USE	00	(from 1.1.98:	455)	(10)	(105)	
KP	KPW equiv of CHF	50	KPW	equiv of CHF 762	equiv of CHF 15	equiv of CHF 185	AT RU
			(from 1.1.98:	650)	(15)	(150)	
KR	KRW	45,000	KRW	507,000	10,000	123,000	AT AU JP
кz	KZT⁵	—	USD (from 1.1.98:	530 455)	10 (10)	128 (105)	EP RU
LR	USD	45	USD	530	10	128	AT AU CN EP SE
			(from 1.1.98:	455)	(10)	(105)	
LS	LSM⁵	—	LSM	equiv of CHF 762	equiv of CHF 15	equiv of CHF 185	AT EP
			(from 1.1.98:	650)	(15)	(150)	
LT	LTL equiv of USD	80	USD	530	10	128	EP RU
LU	LUF/BEF	1,000	(from 1.1.98: LUF/BEF	<i>455)</i> 19,700	(10) 388	(105) 4,780	EP
20	LOI/BEI	1,000	(from 1.1.98:	16,500)	(380)	(3,800)	
LV	LVL	40	USD	530	10	128	EP RU
			(from 1.1.98:	455)	(10)	(105)	
МС	FRF	300	FRF	3,300	65	800	EP
MD	MDL⁵	E 4	(from 1.1.98:	2,690)	(60)	(620)	
MD	MDL	54	USD (from 1.1.98:	530 <i>455)</i>	10 (10)	128 <i>(105)</i>	EP RU
мк	мкр	2,750	MKD	equiv of CHF 762	equiv of CHF 15	equiv of CHF 185	EP
			(from 1.1.98:	650)	. (15)	. (150)	
MN		None	CHF	762	15	185	EP RU
			(from 1.1.98:	650)	(15)	(150)	
MW	мwк	8	MWK (from 1.1.98:	8,600 <i>8,100)</i>	200 (200)	2,100 <i>(1,900)</i>	EP
мх	MXP ² equiv of USI) 200	MXP	equiv of CHF 762	equiv of CHF 15	equiv of CHF 185	EP ES SE US
			(from 1.1.98:	650)	(15)	(150)	
NL	NLG	110	NLG	1,070	21	260	EP
			(from 1.1.98:	900)	(21)	(208)	
NO	NOK	500	NOK (from 1.1.98:	3,660	70 (75)	890 (770)	EP SE
NZ	NZD	155	NZD	3,300) 784	(75) 15	(<i>170</i>) 190	AU EP US
		100	(from 1.1.98:	720)	(16)	(165)	
PL	PLZ	200	PLZ	equiv of CHF 762	equiv of CHF 15	equiv of CHF 185	EP
			(from 1.1.98:	650)	(15)	(150)	

Table I(a) — TRANSMITTAL, BASIC AND DESIGNATION FEES [continued] [continued] (as at 1 October 1997, unless otherwise indicated) [continued]

[continued on next page]

RO	Trar	nsmittal fee ¹	Basic fee ^{1,2} (CHF 762)				Competent ISA(s)⁴
PT	PTE	3,600	PTE (from 1.1.98:	89,000 <i>82,000)</i>	1,800 (1,900)	22,000 (19,000)	EP
RO	ROL	10,000	CHF (from 1.1.98:	762 650)	15 (15)	185 (150)	AT EP RU
RU	RUR	294,000	USD (from 1.1.98:	530 <i>455</i>)	10 (10)	128 (105)	EP RU
SD	SDP	50	SDP (from 1.1.98:	equiv of CHF 762 650)	equiv of CHF 15 (<i>15</i>)	equiv of CHF 185 (150)	EP
SE	SEK	1,000	SEK (from 1.1.98:	4,200 <i>3,500)</i>	80 (80)	1,000 (800)	EP SE
SG	SGD	135	SGD (from 1.1.98:	743 690)	15 (16)	180 <i>(160)</i>	AT AU EP
SI	SIT	See footnote 10	SIT (from 1.1.98:	equiv of CHF 762 <i>650)</i>	equiv of CHF 15 (<i>15</i>)	equiv of CHF 185 <i>(150)</i>	EP
SK	SKK	1,600	SKK (from 1.1.98:	equiv of CHF 762 <i>650)</i>	equiv of CHF 15 (<i>15</i>)	equiv of CHF 185 <i>(150)</i>	EP
тJ	TJR⁵	—	USD (from 1.1.98:	530 <i>455</i>)	10 (10)	128 (105)	EP RU
тм	USD⁵	_	USD (from 1.1.98:	530 455)	10 (10)	128 (105)	EP RU
TR	CHF	100	CHF (from 1.1.98:	762 650)	15 (15)	185 <i>(150)</i>	AT AU CN EP RU
тт	TTD	750	USD (from 1.1.98:	530 455)	10 (10)	128 (105)	AT EP SE US
UA	UAH	255	USD (from 1.1.98:	530 455)	10 (10)	128 (105)	EP RU
US	USD	240	USD (from 1.1.98:	530 <i>455</i>)	10 (10)	128 (105)	EP US
UZ	USD⁵	—	USD (from 1.1.98:	530 <i>455)</i>	10 <i>(10)</i>	128 <i>(105)</i>	EP RU
VN	VND	equiv of USD 150	VND (from 1.1.98:	equiv of CHF 762 <i>650)</i>	equiv of CHF 15 (<i>15</i>)	equiv of CHF 185 <i>(150)</i>	AT AU EP RU SE
YU	YUD	200	CHF (from 1.1.98:	762 650)	equiv of CHF 15 (<i>15</i>)	equiv of CHF 185 <i>(150)</i>	EP

Table I(a) — TRANSMITTAL, BASIC AND DESIGNATION FEES [continued] (as at 1 October 1997, unless otherwise indicated)

Table I(b) — SEARCH FEES (as at 1 October 1997, unless otherwise indicated)

ISA		Search fee ¹										
AT	ATS *(from 1.	2,200 1.98:	CHF* <i>CHF</i>	268 250	KRW USD	177,000 <i>180)</i>	SGD	275	USD*	177		
AU	AUD *(from 1.	800 1.98:	CHF* <i>CHF</i>	856 <i>820</i>	KRW NZD	609,000 <i>910</i>	NZD* SGD	905 875	SGD* USD	900 <i>570)</i>	USD*	592
CN	CNY	800	CHF*	136	USD	100	*(from a	1.1.98:	CHF	140)		
EP ¹¹	DEM ATS BEF CAD* *(from 1	2,200 15,710 46,100 1,800 15.10.97: 1.1.98:	CHF DKK ESP FIM CAD CAD NZD	1,900 8,640 189,700 6,880 1,646)** 1,740 1,980	FRF GBP GRD IEP /SK USD	7,590 815 358,300 846 <i>87,300</i> 1,250)	ISK** ITL JPY** LUF JPY	93,000 2,222,000 145,000 46,100 <i>152,000</i>	MWK** NLG NOK** NZD** <i>MWK</i>	19,600 2,510 8,800 1,890 22,400	PTE SEK SGD USD** NOK	227,800 10,190 1,890 1,180 <i>9,200</i>
ES	ESP	72,190	CHF*	737	USD*	500	*(from a	1.1.98:	CHF	695	USD	480)
JP	JPY *(from 1.	77,000 1.98:	CHF* <i>CHF</i>	990 <i>910</i>	KRW USD	607,000 <i>640)</i>	USD*	690				
RU ¹¹	RUR	840,000	CHF*	292	USD*	200	*(from a	1.1.98:	CHF	430	USD	300)
SE	SEK CHF DKK	6,200 ¹² 1,180 ¹² 5,300 ¹²	6,800 1,290 5,800	¹³	FIM ISK NOK	4,200 ¹² 58,500 ¹² 5,750 ¹²	64,0	00 ¹³ 00 ¹³ 00 ¹³	USD	815 ¹²	895	13
US	USD *(from 1.	700 1.98:	450 ¹⁴		CHF* <i>CHF</i>	1,020 <i>1,000</i>		56 ¹⁴ 640 ¹⁴	NZD* <i>NZD</i>	1,048 <i>1,110</i>	673 710	

Table II — PRELIMINARY EXAMINATION FEES

(as at 1 October 1997, unless otherwise indicated)

IPEA	Preliminary examination fee ¹⁵							Han	dling fee	^{2,15} (CHF 2	233)	
AT	ATS	2,200					ATS	2,060	(from 1.	1.98:	ATS	2,020)
AU	AUD	450					AUD	210	(from 1.	1.98:	AUD	230)
CN	CNY	800					CNY equ	uiv of CHF 23	3			
EP ¹¹	DEM ATS BEF CHF DKK ESP	3,000 21,430 62,900 2,600 11,790 258,600	FIM FRF GBP GRD IEP ITL	9,380 10,340 1,111 488,600 1,154 3,030,000	LUF NLG PTE SEK	62,900 3,430 310,600 13,890	DEM* ATS* BEF* CHF DKK* ESP* *(from 1. DEM ATS BEF DKK ESP	292 2,060 6,020 233 1,140 23,500 1.98: 2,020 5,900 1,000 25,000	FIM* FRF* GBP GRD* IEP* FIM FRF GRD IEP ITL	887 1,000 100 44,000 102 860 960 46,000 110 281,000	ITL* LUF* NLG* PTE* SEK* <i>LUF</i> <i>NLG</i> <i>PTE</i> <i>SEK</i>	295,000 6,020 328 27,000 1,300 5,900 320 29,000 1,250)
JP	JPY	28,000					JPY	18,300	(from 1.	1.98:	JPY	19,700)
RU ¹¹	RUR	1,260,000	USD	300			USD	162				
SE	SEK	4,200					SEK	1,300	(from 1.	1.98:	SEK	1,250)
US	USD	490	750 ¹⁶				USD	162				

Key to currency abbreviations for all fee tables:

BEF BGL BRR BYR CAD CHF	Swiss franc	GRD	Czech koruna Deutsche mark Danish krone Estonian kroon Spanish peseta Finnish markka French franc Pound sterling Georgian lari Ghanaian cedi Greek drachma	KPW KRW KZT LSM LTL	New Israel shekel Icelandic krona Italian Iira Japanese yen Kenyan shilling Kyrgyz som KP won KR won Kazakh tenge Lesotho loti Lithuanian Iitas	MWK MXP NLG NOK NZD PLZ PTE ROL RUR	Moldovan leu Macedonian denar Malawian kwacha Mexican peso Netherlands guilder Norwegian krone New Zealand dollar Polish zloty Portuguese escudo Romanian leu Russian rouble	Singapore dollar Slovenian tolar Slovak koruna Tajik rouble Trinidad and Tobago dollar Ukrainian hryvnia US dollar Vietnamese dong Yugoslav dinar
CHF CNY	Swiss franc Yuan renminbi	GRD HUF	Greek drachma Hungarian forint	LTL LUF	Lithuanian litas Luxembourg franc	-	Russian rouble Sudanese pound	
CUP	Cuban convertible peso	IEP	Irish pound	LVL	Latvian lat	SEK		

Footnotes for all fee tables:

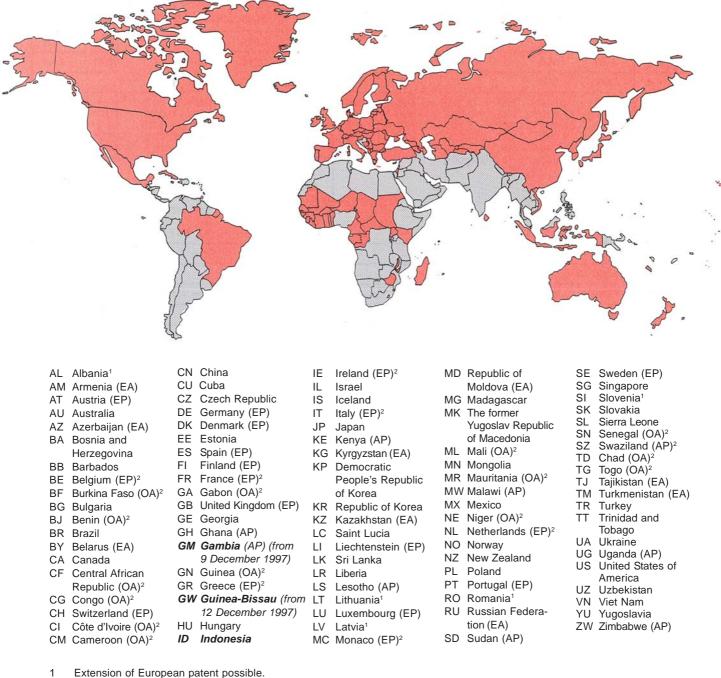
- Payable to the receiving Office in the currency or one of the currencies prescribed by it. This fee is reduced by 75% where the applicant or, if there are two or more applicants, each applicant is a natural person and is a national of and resides in Albania, Armenia, Azerbaijan, Belarus, Benin, Bosnia and Herzegovina, Brazil, Bulgaria, Burkina Faso, Cameroon, Central African and resides in Albania, Armenia, Azerbaijan, Belarus, Benin, Bosnia and Herzegovina, Brazil, Bulgaria, Burkina Faso, Cameroon, Central Arrican Republic, Chad, China, Congo, Côte d'Ivoire, Cuba, Czech Republic, Democratic People's Republic of Korea, Estonia, Gabon, Gambia (from 9 December 1997), Georgia, Ghana, Guinea, Guinea-Bissau (from 12 December 1997), Hungary, Indonesia, Kazakhstan, Kenya, Kyrgyzstan, Latvia, Lesotho, Liberia, Lithuania, Madagascar, Malawi, Mali, Mauritania, Mexico, Mongolia, Niger, Poland, Republic of Moldova, Romania, Russian Federation, Saint Lucia, Senegal, Sierra Leone, Slovakia, Sri Lanka, Sudan, Swaziland, Tajikistan, The former Yugoslav Republic of Macedonia, Togo, Turkey, Turkmenistan, Uganda, Ukraine, Uzbekistan, Viet Nam, Yugoslavia or Zimbabwe. For further details, see *PCT Newsletter* No. 10/1995, cover page, No. 11/1995, page 6, and No. 05/1996, cover page. The confirmation fee payable under PCT Rules 4.9(c) and 15.5 is 50% of the designation fee.
- For the search fee payable to the receiving Office, consult the entry in Table I(b) for the competent International Searching Authority.
- The amounts are not yet known or, where known, are subject to periodical revision. The Office or the agent should be consulted for the latest applicable schedule of fees.

⁶ Payments can also be made in ATS, BEF, CHF, DKK, ESP, FIM, FRF, GBP, GRD, IEP, ITL, LUF, NLG, PTE and SEK. For the amounts in the said currencies, reference should be made to the latest issue of the Official Journal of the EPO.

- The first amount of the transmittal fee is applicable to individuals or entities employing less than 25 persons. The second amount is applicable
- 9
- A supplement of HUF 500 is also payable for each claim in excess of 10. The competent International Searching Authority(ies) for an international application filed with the International Bureau as receiving Office is (are) the Authority(ies) which would have been competent if the international application had been filed with the receiving Office of, or acting for, the Contracting State of which the applicant (or any of the applicants) is a resident or national.
- ¹⁰ 5% of the total value of the basic fee, supplement per shear over 30, designation fee and search fee.
 ¹¹ In the case of the EPO, nationals (natural or legal persons) of States which fulfill the requirements for the corresponding reduction of certain PCT fees as specified in the Schedule of Fees annexed to the PCT Regulations, or of countries in transition ("reform States"), may be eligible for fee reductions. In the case of the Russian Patent Office, nationals of certain developing countries may be eligible for fee reductions. details, including the amount of the fee reduction, the countries concerned and applicable conditions, see *PCT Applicant's Guide*, Vol. I/B, Annex D (EP) and (RU) and Annex E (EP) and (RU). ¹² If, on an earlier application, the priority of which is claimed, a search report has been issued by the Swedish Patent Office, the Danish Patent Office, the National Board of Patents and Registration (Finland), the Norwegian Patent Office or the Icelandic Patent Office.

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- In all cases where footnote 12 does not apply. Payable when a corresponding prior US national application has been filed and the basic national fee for that US application has been paid. Payable to the International Preliminary Examining Authority in the currency or one of the currencies prescribed by it. Payable when the international search report was not established by the United States Patent and Trademark Office (USPTO) (provided that the 16
- USPTO is a competent International Preliminary Examining Authority in the particular case—see PCT Applicant's Guide, Vol. I/B, Annex C.)

PCT CONTRACTING STATES AND TWO-LETTER CODES (94 on 1 October 1997)



2 May only be designated for a regional patent (the "national route" via the PCT has been closed).

Where a State can be designated for a regional patent, the two-letter code for the regional patent concerned is indicated in parentheses (AP = ARIPO patent, EA = Eurasian patent, EP = European patent, OA = OAPI patent).

Important:

This list includes all States that have adhered to the PCT by the date shown in the heading. Any States indicated in **bold italics** have adhered to the PCT but were not yet bound by the PCT on the date of issue of the latest version of the request form. If the applicant wishes to designate any States which are bound by the PCT on the date on which the international application is filed but which are not listed in the request form, he must add them in Box No. V of the request form and mark the corresponding check-box. Where a State has adhered to but is not yet bound by the PCT, the date on which it will become bound is shown in parentheses; it cannot be designated in international applications filed before that date.

Applicants should always use the latest versions of the request form (PCT/RO/101) and demand form (PCT/IPEA/401), new versions of which are normally issued twice yearly. The latest versions are dated July 1997. The forms are reproduced in Annexes X and Y, respectively, in Vol. I/B of the PCT Applicant's Guide, and can be printed from the WIPO Internet site, in PDF format, at: http://www.wipo.int/eng/pct/index.htm. The request form can also be obtained from receiving Offices or the International Bureau. The demand form can also be obtained from receiving Offices, International Preliminary Examining Authorities or the International Bureau.

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PCT Contracting States

Α

Name of State followed by country code	Date on which State became bound by the PCT	Name of State followed by country code	Date on which State became bound by the PCT
Albania AL.	4 October 1995	Indonesia ¹ ID	
Armenia ¹ AM			1 August 1992
	(17 May 1994 ²)	Israel IL.	
Australia AU			
Austria AT			1 October 1978
Azerbaijan AZ	25 December 1995		
Barbados BB			(16 February 1993 ²)
Belarus ¹ BY		Kenya KE	
	(14 April 1993 ²)		
Belgium BE			(14 February 1994 ²)
Benin BJ.		Latvia LV.	
Bosnia and Herzegovina BA	•		
Brazil BR			
Bulgaria BG			
Burkina Faso BF			5 July 1994
Cameroon CM.			
Canada CA	5		
Central African Republic CF			
Chad TD			
China CN.			13 April 1983
Congo CG			1 January 1995
Côte d'Ivoire CI			
Cuba ¹ CU.	-		27 May 1991
Czech Republic CZ			10 July 1979
	(1 January 1993 ²)		
Democratic People's			
Republic of Korea KP	8 July 1980		
Denmark DK.			
Estonia EE			
Finland ³ FI			10 August 1984
$France^{1, 4}$ FR			D 25 December 1991
Gabon GA			(14 February 1994 ²)
Gambia GM	•	Romania ¹ RO	23 July 1979
	on 9 December 1997)		29 March 1978
Georgia ¹ GE			
erengen en en en erene	(18 January 1994 ²)		
Germany DE	· · ·		17 June 1997
Ghana GH	-	Singapore SG	
Greece GR			
Guinea GN			(1 January 1993 ²)
Guinea-Bissau GW		Slovenia SI.	1 March 1994
· · · · · · · · · · · · · · · · · · ·	on 12 December 1997)		16 November 1989
Hungary ¹ HU			

[Continued on next page]

PCT Contracting States

[Continued]

Name of State followed by country code	Date on which State became bound by the PCT	Name of State followed by country code	Date on which State became bound by the PCT
Swaziland SZ Sweden ³ SE Switzerland CH Tajikistan ¹ TJ	17 May 1978 24 January 1978	Ukraine ¹ UA United Kingdom ⁶ GB.	9 February 1995 25 December 1991 (21 September 1992 ²) 24 January 1978 ca ^{7, 8} US 24 January 1978
The former Yugoslav Republic of Macedonia MKTogo TGTrinidad and Tobago TTTurkey TRTurkey TRTurkmenistan1 TM	10 August 1995 24 January 1978 10 March 1994 1 January 1996	Uzbekistan ¹ UZ Viet Nam VN Yugoslavia YU	

- ¹ With the declaration provided for in Article 64(5).
- ² The date in parentheses is the date on which the State deposited a declaration of continued application of the PCT (Rule 32).
- ³ With the declaration provided for in Article 64(2)(a)(ii).
- ⁴ Including all Overseas Departments and Territories.
- ⁵ Ratification for the Kingdom in Europe, the Netherlands Antilles and Aruba.
- ⁶ Extends to the Isle of Man.

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- ⁷ With the declarations provided for in Articles 64(3)(a) and 64(4)(a).
- ⁸ Extends to all areas for which the United States of America has international responsibility.