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SUPERINDUSTRIA Y COMERCIO

Radicación : 04033092 00000004 Folios: 13
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Trámite : 011 PCT-PATENT 379 FASE NACI 412 REPOSIC.
Dependencia: 2020 DIVISION DE NUEVAS CREACIONES

Señor
SUPERINTENDENTE DE INDUSTRIA Y COMERCIO
Superintendencia de Industria y Comercio
E. S. D.

Trámite : 011
Evento : 379
Actuación: 412

Referencia : Expediente No. 04.033.092
Solicitante : **INTERGRAPH HARDWARE TECHNOLOGIES COMPANY**
Asunto : Solicitud de patente para **"RECONOCIMIENTO DE
OBJETO OCULTO"**
Fecha de solicitud : 7 de abril de 2004.

1. Yo, Emilio Ferrero, abogado con Tarjeta Profesional No. 31.929, obrando como apoderado de **INTERGRAPH HARDWARE TECHNOLOGIES COMPANY**, sociedad organizada y constituida bajo las leyes del Estado de Nevada, Estados Unidos de América, domiciliada en 2325-B Renaissance Drive, Suite # 16, Las Vegas, Nevada 89119, Estados Unidos de América, en el asunto antes identificado, atentamente manifiesto a Usted que, en tiempo oportuno, interpongo recurso de reposición, contra la resolución No. 11782 de fecha 31 de mayo de 2004 mediante la cual ese Despacho rechazó la presente solicitud de patente de invención, para que se revoque la Resolución No. 11782. Dicha resolución me fue notificada personalmente el 01 de julio de 2004.

2. Los motivos de inconformidad sobre los cuales sustento este recurso aparecen a continuación en este escrito.

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3. **LA RESOLUCIÓN No. 11782**

La Superintendencia de Industria y Comercio expidió la resolución No. 11782 por la cual rechazó la solicitud de patente que fue solicitada el 7 de abril de 2004, para el invento denominado: **RECONOCIMIENTO DE OBJETO OCULTO**, para los efectos de dar comienzo a la fase nacional de acuerdo con el Tratado de Cooperación en Materia de Patentes (PCT), y la cual fue radicada bajo el expediente No. 04.033.092.

4. **FUNDAMENTO DE LA RESOLUCIÓN No. 11782**

La resolución en su parte considerativa afirma que al ser revisada la presente solicitud, se constató que Colombia no fue designada en la solicitud internacional PCT/US02/28351, tal como lo requiere la regla 4.9a)i) del Reglamento del PCT con el fin de obtener las patentes nacionales.

Que al no ser designada Colombia, la solicitud internacional no tiene, desde la fecha de su presentación internacional, los efectos de una presentación nacional regular en Colombia y en consecuencia, la solicitud colombiana no puede proceder con la fase nacional.

5. **FUNDAMENTOS DEL RECURSO**

Presento a su Despacho las siguientes consideraciones que justifican la revocatoria de la Resolución No. 11782 del 31 de mayo de 2004:

Contrario a lo que afirma ese Despacho, en la solicitud internacional PCT/US02/28351 sí se designó a Colombia en

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el petitorio correspondiente en el anexo a la página de los Estados Designados. El petitorio era una versión de enero de 2001, en la cual Colombia no aparecía como parte del Tratado de Cooperación en Materia de Patentes y por lo tanto, el solicitante mencionó a Colombia en el anexo, pues a la fecha de la solicitud internacional (6 de septiembre de 2002), Colombia ya era parte de dicho tratado. Adicionalmente, la Oficina Internacional cometió un error al no mencionar a Colombia como Estado Designado en la publicación WO 03/030103 A1.

Con el fin de demostrar los errores en que incurrió la Oficina Internacional, presento junto con este escrito una versión corregida por parte de dicha Oficina Internacional de la forma PCT/IB/301 donde se establece claramente que Colombia efectivamente fue designada en el petitorio de la solicitud internacional PCT/US02/028351, y como tal, es elegible para dar comienzo a una fase nacional con el objeto de obtenerse una patente en Colombia dirigida a esta invención.

En conclusión, es claro que el rechazo de la presente solicitud por parte de ese Despacho no tiene fundamento pues se han presentado todos los documentos necesarios para dar trámite a la presente solicitud de fase nacional, de acuerdo con el reglamento del PCT y la circular única expedida por la Superintendencia de Industria y Comercio.

Así las cosas, presento nuevamente junto con este escrito una copia del petitorio de solicitud internacional con el anexo a las designaciones donde se encuentra señalada Colombia, así como la forma PCT/IB/301 anteriormente anunciada.

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Finalmente, y para establecer claridad en este asunto, me permito informarle que tan pronto sea publicada nuevamente la solicitud internacional PCT/US02/28351 en la Gaceta del PCT con la corrección de la designación de Colombia, presentaré una copia de la misma en forma oportuna.

6. **PETICIONES**

Ruego a Usted entonces, lo siguiente:

- a) Que al considerar las razones precedentes se revoque la resolución No. 11782 en cuanto dicha resolución rechaza la solicitud de la referencia.
- b) Que se continúe el trámite respectivo de la fase nacional para la solicitud de privilegio de patente para el invento denominado: "RECONOCIMIENTO DE OBJETO OCULTO".

7. **NOMBRE Y DIRECCIÓN DEL RECURRENTE**

El nombre y la dirección del recurrente son:

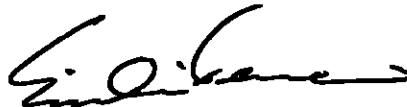
INTERGRAPH HARDWARE TECHNOLOGIES COMPANY
2325-B Renaissance Drive, Suite # 16
Las Vegas, Nevada 89119
ESTADOS UNIDOS DE AMÉRICA

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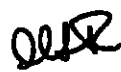
8. **NOTIFICACIONES**

Manifiesto a Usted que recibiré notificaciones en la Secretaría de su Despacho y en mis oficinas de abogado situadas en el Edificio Siski, Carrera 4a. No. 72-35, piso 4o. de esta ciudad.

Bogotá,
Señor Superintendente,



EMILIO FERRERO
T.P.A. No. 31.929

 COLO 14208-841-001-4
MRE/MRE/
ID-000014/WPC14208

BOGOTÁ SEXTA DE BOGOTÁ
RECIBO Y PRESENTACION PERSONAL
BOGOTÁ D.C. **09 JUL. 2004**
A: **JUAN MANUEL SOTERO MEDINA**
NÚMERO **SEXTO DEL CÍRCULO DE BOGOTÁ**
COT. **Ferrero**
Emilio
P-4 31929
y declara(ren) que la...
en el presente documento...
que el contenido del...
se firma esta diligencia...

Emilio Ferrero



PATENT COOPERATION TREATY

PCT

INFORMATION CONCERNING ELECTED
OFFICES NOTIFIED OF THEIR ELECTION

(PCT Rule 61.3)

From the INTERNATIONAL BUREAU

To:

STICKEVERS, John, J.
Bromberg & Sunstein LLP
125 Summer Street
Boston, MA 02110-1018
United States of AmericaDate of mailing (day/month/year)
08 July 2004 (08.07.2004)Applicant's or agent's file reference
1247/A88 WO

IMPORTANT INFORMATION

International application No.
PCT/US2002/028351International filing date (day/month/year)
08 September 2002 (08.09.2002)Priority date (day/month/year)
07 September 2001 (07.09.2001)Applicant
INTERGRAPH HARDWARE TECHNOLOGIES COMPANY

1. The applicant is hereby informed that the International Bureau has, according to Article 31(7), notified each of the following Offices of its election:

EP : AT,BE,BG,CH,CY,CZ,DE,DK,EE,ES,FI,FR,GB,GR,IE,IT,LU,MC,NL,PT,SE,SK,TR
National : BG,CA,CN,DE,IL,JP,KP,KR,MN,NO,PL,RO,RU,SK

2. The following Offices have waived the requirement for the notification of their election; the notification will be sent to them by the International Bureau only upon their request:

AP : GH,GM,KE,LS,MW,MZ,SD,SL,SZ,TZ,UG,ZM,ZW

EA : AM,AZ,BY,KG,KZ,MD,RU,TJ,TM

OA : BF,BJ,CF,CG,CI,CM,GA,GN,GQ,GW,ML,MR,NE,SN,TD,TG

National : AE,AG,AL,AM,AT,AU,AZ,BA,BB,BR,BY,BZ,CH,CO,CR,CU,CZ,DK,DM,DZ,EC,

EE,ES,FI,GB,GD,GE,GH,GM,HR,HU,ID,IN,IS,KE,KG,KZ,LC,LK,LR,LS,LT,LU,LV,MA,

MD,MG,MK,MW,MX,MZ,NZ,OM,PH,PT,SD,SE,SG,SI,SL,TJ,TM,TN,TR,TT,TZ,UA,UG,UZ,

VN,YU,ZA,ZW

3. The applicant is reminded that he must enter the "national phase" before the expiration of 30 months from the priority date before each of the Offices listed above. This must be done by paying the national fee(s) and furnishing, if prescribed, a translation of the international application (Article 36(1)(a)), as well as, where applicable, by furnishing a translation of any annexes of the international preliminary examination report (Article 36(1)(c) and Rule 74.1).

Some offices have fixed time limits expiring later than the above-mentioned time limit. For detailed information about the applicable time limits and the acts to be performed upon entry into the national phase before a particular Office, see Volume II of the PCT Applicant's Guide.

The entry into the European regional phase is postponed until 31 months from the priority date for all States designated for the purposes of obtaining a European patent.

CORRECTED
VERSIONThe International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 23, Switzerland

Authorized officer:

Sun LEE

Facsimile No. (41-22) 338.70.80

Telephone No. (41-22) 338.8710

Form PCT/IB/321 (September 1997)

0344334

PATENT COOPERATION TREATY

PCT

From the INTERNATIONAL BUREAU

NOTIFICATION OF RECEIPT OF
RECORD COPY

(PCT Rule 24.2(a))

To:

STICKEVERS, John, J.
Bromberg & Sunstein LLP
125 Summer Street
Boston, MA 02110-1618
United States of America

Date of mailing (day/month/year) 08 July 2004 (08.07.2004)	IMPORTANT NOTIFICATION
Applicant's or agent's file reference 1247/A68 WO	International application No. PCT/US2002/028351

The applicant is hereby notified that the International Bureau has received the record copy of the international application as detailed below.

Name(s) of the applicant(s) and State(s) for which they are applicants:

INTERGRAPH HARDWARE TECHNOLOGIES COMPANY(all designated States)

International filing date : 08 September 2002 (08.09.2002)

Priority date(s) claimed : 07 September 2001 (07.09.2001)

Date of receipt of the record copy
by the International Bureau : 30 September 2002 (30.09.2002)

List of designated Offices :

AP : GH, GM, KE, LS, MW, NZ, SD, SL, SZ, TZ, UG, ZM, ZW

EA : AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

EP : AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR

OA : BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG

National : AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ,

EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU,

LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR,

TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW

CORRECTED
VERSION

ATTENTION

The applicant should carefully check the data appearing in this Notification. In case of any discrepancy between these data and the indications in the international application, the applicant should immediately inform the International Bureau.

In addition, the applicant's attention is drawn to the information contained in the Annex, relating to:

- ☒ time limits for entry into the national phase - see updated important information (as of April 2002)
- ☒ confirmation of provisional designations (if applicable)
- ☐ requirements regarding priority documents (if applicable)

A copy of this Notification is being sent to the receiving Office and to the International Searching Authority.

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 23, Switzerland	Authorized officer: Sun LEE
Facsimile No. (41-22) 338.70.88	Telephone No. (41-22) 338.8710

Form PCT/US/01 (April 2002)

00044238

ANNEX TO FORM PCT/IB/301

International application No.

PCT/US2002/028381

INFORMATION ON TIME LIMITS FOR ENTERING THE NATIONAL PHASE

The applicant is reminded that the "national phase" must be entered before each of the designated Offices indicated on the cover sheet of this Notification by paying national fees and furnishing translations, as prescribed by Articles 22 and 28 and the applicable national laws. In addition, the applicant may also have to comply with other special requirements applicable in certain Offices. It is the applicant's responsibility to ensure the necessary steps to enter the national phase are taken in a timely fashion. Most Offices do not issue reminders to applicants in connection with the entry into the national phase.

The applicable time limit for entering the national phase will, subject to what is said in the following paragraph, be 30 MONTHS from the priority date, not only in respect of any elected Office where a demand for international preliminary examination is filed before the expiration of 18 months from the priority date (see Article 28(1)), but also in respect of any designated Office, in the absence of filing of such demand, where Article 22(1) as modified with effect from 1 April 2002 applies in respect of that designated Office. For further details, see PCT Gazette No. 44/2001 of 1 November 2001, pages 18838, 18832 and 18834, as well as the PCT Newsletter, October and November 2001 and February 2002 issues.

In practice, time limits other than the 30-month time limit will continue to apply, for various periods of time, in respect of certain designated or elected Offices. For regular updates on the applicable time limits (24, 21, 30 or 31 months, or other time limit), Office by Office, refer to the PCT Gazette ("Section IV" part published on a weekly basis), to the PCT Newsletter (on a monthly basis) and to the relevant National Chapters in Volume II of the PCT Applicant's Guide (the paper version of which is updated usually twice a year and the Internet version of which is updated usually on a weekly basis). Finally, a cumulative table of all applicable time limits for entering the national phase is available from WIPO's Internet site, via links from various pages the site including those of the Gazette, Newsletter and Guide, at <http://www.wipo.int/pct/en/index.html>.

Information about the requirements for filing a demand for international preliminary examination is set out in the PCT Applicant's Guide, Volume VA, Chapter DC. Note that only an applicant who is a national or resident of a PCT Contracting State which is bound by Chapter II has the right to file a demand for international preliminary examination (at present, all PCT Contracting States are bound by Chapter II).

CONFIRMATION OF PRECAUTIONARY DESIGNATIONS

This notification has only specific designations made under Rule 4.8(a) in the request. It is important to check that these designations are correct. Errors in designations can be corrected where precautionary designations have been made under Rule 4.8(b). The applicant is hereby reminded that any precautionary designations may be confirmed according to Rule 4.8(a) before the expiration of 18 months from the priority date (this time limit may not be extended). If it is not confirmed, it will automatically be regarded as withdrawn by the applicant. There will be no reminder and no invitation. Confirmation of a designation consists of the filing of a notice specifying the designated State concerned (with indication of the kind of protection or treatment desired) and the payment of the designation and confirmation fees. The Notice of confirmation and payment must reach the receiving Office within the 18-month time limit.

REQUIREMENTS REGARDING PRIORITY DOCUMENTS

For applicants who have not yet complied with the requirements regarding priority documents, the following is recalled.

Where the priority of an earlier national, regional or international application is claimed, the applicant must submit a copy of the said earlier application, certified by the authority with which it was filed ("the priority document") to the receiving Office (which will transmit it to the International Bureau) or directly to the International Bureau, before the expiration of 18 months from the priority date, provided that any such priority document may still be submitted to the International Bureau before that date of international publication of the international application, in which case that document will be considered to have been received by the International Bureau on the last day of the 18-month time limit (Rule 17.1(a)).

Where the priority document is issued by the receiving Office, the applicant may, instead of submitting the priority document, request the receiving Office to prepare and transmit the priority document to the International Bureau. Such request must be made before the expiration of the 18-month time limit and may be subjected by the receiving Office to the payment of a fee (Rule 17.1(b)).

If the priority document concerned is not submitted to the International Bureau or if the request to the receiving Office to prepare and transmit the priority document has not been made (and the corresponding fee, if any, paid) within the applicable time limit indicated under the preceding paragraphs, any designated State may disregard the priority claim, provided that no designated Office may disregard the priority claim concerned before giving the applicant an opportunity, upon entry into the national phase, to furnish the priority document within the time limit which is reasonable under the circumstances.

Where several priorities are claimed, the priority date to be considered for the purposes of computing the 18-month time limit is the filing date of the earliest application whose priority is claimed.

PCT

REQUEST

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty

For receiving Office use only

International Application No.

International Filing Date

Name of receiving Office and "PCT International Application"

Applicant's or agent's file reference
(if desired) (13 characters maximum) 1247/A66 WO

Box No. I TITLE OF INVENTION

CONCEALED OBJECT RECOGNITION

Box No. II APPLICANT

Name and address: (Family name followed by given name for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

INTERGRAPH HARDWARE TECHNOLOGIES COMPANY
2325B Renaissance Drive
Suite #16
Las Vegas NV 89119
USA

☐ This person is also inventor

Telephone No.

702-968-5208

Facsimile No.

Teletypewriter No.

State (that is, country) of nationality

US

State (that is, country) of residence:

US

This person is applicant for the purposes of:

☒ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

Name and address: (Family name followed by given name, for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

GRINDSTAFF Gens Arthur
2202 Essex Drive SW
Decatur AL 35603
US

This person is

☐ applicant only

☐ applicant and inventor

☒ inventor only (if this check-box is marked, do not fill in below.)

State (that is, country) of nationality

State (that is, country) of residence:

This person is applicant for the purposes of:

☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

☒ Further applicants and/or (further) inventors are indicated on a continuation sheet.

Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE

The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as

☒ agent ☐ common representative

Name and address: (Family name followed by given name for a legal entity, full official designation. The address must include postal code and name of country.)

STICKERS, John J. SUNSTEIN Bruce D.; ASHER, Robert M. MURPHY Timothy M.; BAUNDERS, Steven G. STRIMPEL, Harriet M.; BUCHANAN, Karen A. PETUCHOWSKI, Samuel J. KLAYMAN Jeffrey T. MORANO, Elizabeth P. SANDVOS Jay WOOD, Keith J. SMOLENSKI, JR., Alexander J. CONWAY John L. CHIRNOMAS Morton
Bronberg & Sustein LLP
125 Sumner Street
Boston, MA 02110-1618
US

Telephone No.

617-443-9292

Facsimile No.

617-443-0004

Teletypewriter No.

☐ Address for correspondence: Mark this check box where no agent or common representative is/has been appointed and the space above is used instead to indicate a special address to which correspondence should be sent.

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Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)

If none of the following sub-boxes is used, this sheet should not be included in the request.

Name and address: (Family name followed by given name, for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

FLETCHER, Susan Heath Calvin
333 Ruby Drive
Huntsville, AL 35811
US

This person is

- ☐ applicant only
☐ applicant and inventor
☒ inventor only (If this check-box is marked, do not fill in below.)

State (that is, country) of nationality

State (that is, country) of residence:

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name, for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

MCKAY III, Therman Ward
6603 Willow Springs Blvd.
Huntsville, AL 35806
US

This person is

- ☐ applicant only
☐ applicant and inventor
☒ inventor only (If this check-box is marked, do not fill in below.)

State (that is, country) of nationality

State (that is, country) of residence:

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name, for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is

- ☐ applicant only
☐ applicant and inventor
☐ inventor only (If this check-box is marked, do not fill in below.)

State (that is, country) of nationality

State (that is, country) of residence:

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

Name and address: (Family name followed by given name, for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this box is the applicant's State (that is, country) of residence if no State of residence is indicated below.)

This person is

- ☐ applicant only
☐ applicant and inventor
☐ inventor only (If this check-box is marked, do not fill in below.)

State (that is, country) of nationality

State (that is, country) of residence:

This person is applicant for the purposes of:

- ☐ all designated States ☐ all designated States except the United States of America ☐ the United States of America only ☐ the States indicated in the Supplemental Box

☐ Further applicants and/or (further) inventors are indicated on another continuation sheet

Box No. V DESIGNATION OF STATES

The following designations are hereby made under Rule 4.9(a) (mark the applicable check-boxes at least one must be marked).

Regional Patent

- ☒ **AP** ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZW Zimbabwe and any other State which is a Contracting State of the Harare Protocol and of the PCT
- ☒ **EA** Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT
- ☒ **EP** European Patent: AT Austria, BE Belgium, CH and LI Switzerland and Liechtenstein, CY Cyprus, DE Germany, DK Denmark, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, SE Sweden, TR Turkey and any other State which is a Contracting State of the European Patent Convention and of the PCT
- ☒ **OA** OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line)

National Patent (if other kind of protection or treatment desired, specify on dotted line).

- | | |
|---|---|
| ☒ AE United Arab Emirates | ☒ LC Saint Lucia |
| ☒ AG Antigua and Barbuda | ☒ LK Sri Lanka |
| ☒ AL Albania | ☒ LR Liberia |
| ☒ AM Armenia | ☒ LS Lesotho |
| ☒ AT Austria | ☒ LT Lithuania |
| ☒ AU Australia | ☒ LU Luxembourg |
| ☒ AZ Azerbaijan | ☒ LV Latvia |
| ☒ BA Bosnia and Herzegovina | ☒ MA Morocco |
| ☒ BB Barbados | ☒ MD Republic of Moldova |
| ☒ BG Bulgaria | ☒ MG Madagascar |
| ☒ BR Brazil | ☒ MK The former Yugoslav Republic of Macedonia |
| ☒ BY Belarus | ☒ MN Mongolia |
| ☒ BZ Belize | ☒ MW Malawi |
| ☒ CA Canada | ☒ MX Mexico |
| ☒ CH and LI Switzerland and Liechtenstein | ☒ MZ Mozambique |
| ☒ CN China | ☒ NO Norway |
| ☒ CR Costa Rica | ☒ NZ New Zealand |
| ☒ CU Cuba | ☒ PL Poland |
| ☒ CZ Czech Republic | ☒ PT Portugal |
| ☒ DE Germany | ☒ RO Romania |
| ☒ DK Denmark | ☒ RU Russian Federation |
| ☒ DM Dominica | ☒ SD Sudan |
| ☒ DZ Algeria | ☒ SE Sweden |
| ☒ EE Estonia | ☒ SG Singapore |
| ☒ ES Spain | ☒ SI Slovenia |
| ☒ FI Finland | ☒ SK Slovakia |
| ☒ GB United Kingdom | ☒ SL Sierra Leone |
| ☒ GD Grenada | ☒ TJ Tajikistan |
| ☒ GE Georgia | ☒ TM Turkmenistan |
| ☒ GH Ghana | ☒ TR Turkey |
| ☒ GM Gambia | ☒ TT Trinidad and Tobago |
| ☒ HR Croatia | ☒ TZ United Republic of Tanzania |
| ☒ HU Hungary | ☒ UA Ukraine |
| ☒ ID Indonesia | ☒ UG Uganda |
| ☒ IL Israel | ☐ US United States of America |
| ☒ IN India | ☒ UZ Uzbekistan |
| ☒ IS Iceland | ☒ VN Viet Nam |
| ☒ JP Japan | ☒ YU Yugoslavia |
| ☒ KE Kenya | ☒ ZA South Africa |
| ☒ KG Kyrgyzstan | ☒ ZW Zimbabwe |
| ☒ KP Democratic People's Republic of Korea | |
| ☒ KR Republic of Korea | |
| ☒ KZ Kazakhstan | |

Check-box reserved for designating States which have become party to the PCT after issuance of this sheet:

☒ See 1.4 Addendum.

Precautionary Designation statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except any designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)

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Addendum

- 1 CO Colombia, EC Ecuador GQ Equatorial Guinea, OM Oman PH Philippines TN
Tunisia ZM Zambia

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Box No. VI PRIORITY CLAIM				
☐ Further priority claims are indicated in the Supplemental Box.				
Filing date of earlier application (day/month/year)	Number of earlier application	Where earlier application is		
		national application country	regional application regional Office	international application receiving Office
Item (1) 7 September 2001 (7.09.01)	60/318.164	US		
Item (2)				
Item (3)				

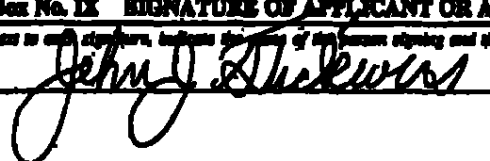
☒ The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of the present international application is the receiving Office) identified above as item(s) 1

Where the earlier application is an ARIPO application, it is mandatory to indicate in the Supplemental Box at least one country party to the Paris Convention for the Protection of Industrial Property for which that earlier application was filed (Rule 4.70(b)(ii)). See Supplemental Box.

Box No. VII INTERNATIONAL SEARCHING AUTHORITY			
Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen, the two-letter code may be used)		Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority).	
ISA / RP		Date (day/month/year)	Number Country (or regional Office)

Box No. VIII CHECK LIST: LANGUAGE OF FILING	
This international application contains the following number of sheets:	This international application is accompanied by the item(s) marked below:
request 4 sheets	1 ☒ fee calculation sheet
description (excluding sequence listing part) 12 sheets	2 ☐ separate signed power of attorney
claims 10 sheets	3 ☒ copy of general power of attorney reference number if any
abstract 1 sheet	4 ☐ statement explaining lack of signature
drawings 6 sheets	5 ☐ priority document(s) identified in Box No. VI as item(s)
sequence listing part of description	6 ☐ translation of international application into (language):
Total number of sheets 33 sheets	7 ☐ separate indications concerning deposited microorganism or other biological material
	8 ☐ nucleotide and/or amino acid sequence listing in computer readable form
	9 ☒ other (specify): Transmittal Letter to US/RO return postcard

Figure of the drawings which should accompany the abstract: 1	Language of filing of the international application: English
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Box No. IX SIGNATURE OF APPLICANT OR AGENT	
Name in each column, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request).	
	John J. Stickevert Attorney for Applicant

For receiving Office use only	
1 Date of actual receipt of the purported international application	2 Drawings
3 Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	☐ received.
4 Date of timely receipt of the required corrections under PCT Article 11(2)	☐ not received.
5 International Searching Authority (if two or more are competent): ISA /	6 ☐ Transmittal of search copy delayed until search fee is paid.

For International Bureau use only	
Date of receipt of the record copy by the International Bureau.	

Att
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