



---

## SEMINAR

---

**WIPO/PCT/BKK/18/2**  
**ORIGINAL: ENGLISH**  
**DATE: JUNE 4, 2018**

## **National Seminar on the Patent Cooperation Treaty (PCT)**

organized by

the World Intellectual Property Organization (WIPO)

in cooperation with

the Department of Intellectual Property (DIP), Thailand

**Bangkok, June 13, 2018**

*prepared by the International Bureau*



## TABLE OF CONTENTS

	Page
Preface.....	4
Introduction to the PCT System.....	5
PCT Timeline.....	12
Basics of the PCT .....	14
Filing of PCT Applications .....	19
Declarations .....	27
Agents and Common Representatives under the PCT .....	31
Priority Claims.....	36
Correction of Defects Relating to the Filing of the Application .....	52
Recording of Changes under Rule 92 <i>bis</i> .....	62
Functions of the Receiving Office.....	65
The International Bureau as Receiving Office .....	68
International Search and Written Opinion of the ISA.....	75
Supplementary International Search .....	82
Filing of Demand for International Preliminary Examination .....	91
International Preliminary Examination .....	100
Unity of Invention and Protest Procedure.....	108
Functions of the International Bureau .....	113
International Publication .....	116
Access to File After Publication .....	124
Fees Payable under the PCT .....	131
Amendments under the PCT .....	138
Entry into the National Phase .....	143
Withdrawals .....	154
Requirements concerning the Deposit of Biological Material and Sequence Listings ..	157
Procedural Safeguards for International Applications.....	169
Amendments to the PCT Regulations as from 1 July 2018 .....	172
Recent Developments.....	173
ePCT for Applicants .....	181
Where to Get Help.....	208

## PREFACE

This document has been prepared by the International Bureau of the World Intellectual Property Organization (WIPO), Geneva, Switzerland, as a support material for seminars on the Patent Cooperation Treaty (PCT).

The following words and expressions used throughout the document should be understood as follows:

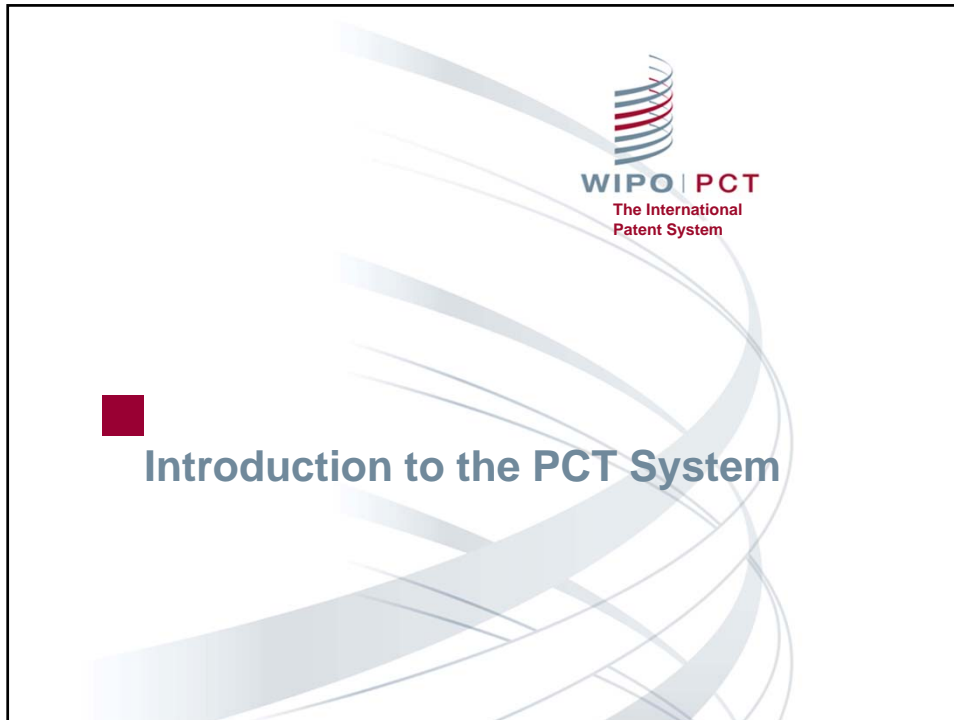
Administrative Instructions	–	the Administrative Instructions under the PCT
Article	–	an Article of the PCT
Chapter I	–	Chapter I of the PCT
Chapter II	–	Chapter II of the PCT
Contracting State	–	a State party to the PCT
Regulations	–	the Regulations under the PCT
Rule	–	a Rule of the Regulations under the PCT
Section	–	a Section of the Administrative Instructions under the PCT

References to “national” Office or national fees, national phase, national processing, etc., should be understood to include “regional” Office (e.g., the EPO), etc.

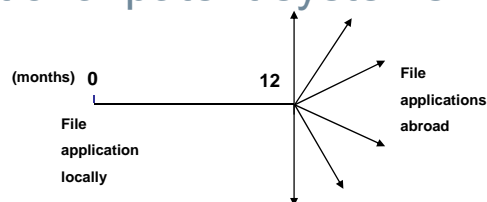
The following abbreviations should be understood as meaning:

ARIPO	–	African Regional Intellectual Property Organization
DAS	–	Digital Access Service for Priority Documents
DO	–	Designated Office
EAPC	–	Eurasian Patent Convention
EAPO	–	Eurasian Patent Office
EO	–	Elected Office
EPC	–	European Patent Convention
EPO	–	European Patent Office/European Patent Organisation
Euro-PCT	–	a Euro-PCT application is an international application containing the designation “EP” irrespective of the receiving Office with which it was filed
IB	–	International Bureau (of the World Intellectual Property Organization)
IPE	–	International Preliminary Examination
IPEA	–	International Preliminary Examining Authority
IPRP (Chapter I)	–	International Preliminary Report on Patentability (Chapter I of the PCT)
IPRP (Chapter II)	–	International Preliminary Report on Patentability (Chapter II of the PCT)
ISA	–	International Searching Authority
ISR	–	International Search Report
OAPI	–	African Intellectual Property Organization
RO	–	Receiving Office
SIS	–	Supplementary International Search
SISA	–	Supplementary International Searching Authority
SISR	–	Supplementary International Search Report
WIPO	–	World Intellectual Property Organization
WO of ISA	–	Written Opinion of the International Searching Authority
WTO	–	World Trade Organization

This document is based on the requirements of the Patent Cooperation Treaty (PCT), the Regulations and the Administrative Instructions under the PCT. In case of any discrepancy between this document and those requirements, the latter are applicable.

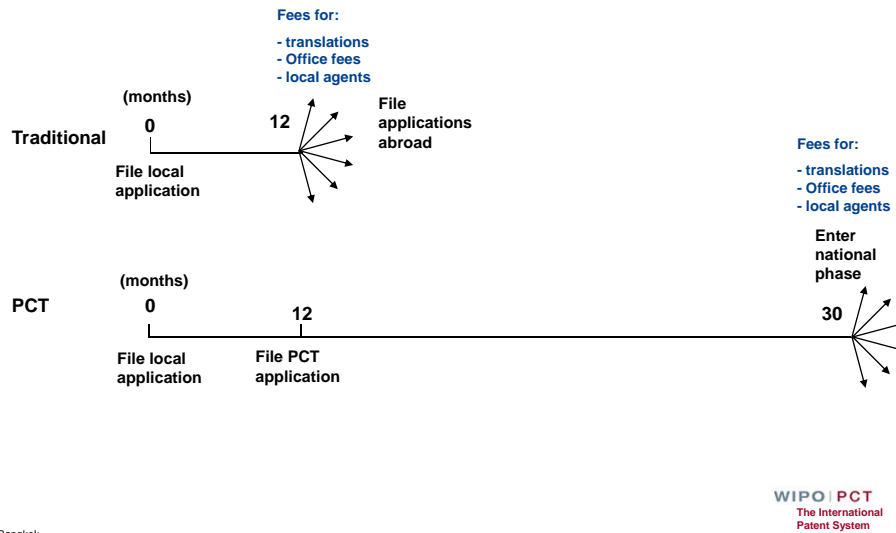


## Traditional patent systems



- Local patent application followed within 12 months by multiple foreign applications claiming priority under Paris Convention:
  - multiple formality requirements
  - multiple searches
  - multiple publications
  - multiple examinations and prosecutions of applications
  - translations and national fees required at 12 months
- Some rationalization because of regional arrangements: ARIPO, EAPO, EPO, OAPI

## Traditional patent system vs. PCT system



## PCT system

Local patent application followed within 12 months by international application under the PCT, claiming Paris Convention priority, with “national phase” commencing at 30 months\*:

- one set of formality requirements
- international search
- international publication
- international preliminary examination
- international application can be put in order before national phase
- translations and national fees required at 30 months,\* and only if applicant wishes to proceed

\* For exceptions, see [http://www.wipo.int/pct/en/texts/reservations/res\\_incomp.html](http://www.wipo.int/pct/en/texts/reservations/res_incomp.html)

WIPO | PCT  
The International Patent System

## General remarks on the PCT system (1)

- The PCT system is a patent “filing” system, not a patent “granting” system. There is no “PCT patent”
- The PCT system provides for
  - an international phase comprising:
    - filing of the international application
    - international search and written opinion of the ISA
    - international publication and
    - international preliminary examination
  - a national/regional phase before designated Offices
- The decision on granting patents is taken exclusively by national or regional Offices in the national phase

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-6  
04.06.2018

## General remarks on the PCT system (2)

- Only inventions may be protected via the PCT by applying for patents, utility models and similar titles.
- Design and trademark protection cannot be obtained via the PCT. There are separate international conventions dealing with these types of industrial property protection (the Hague Agreement and the Madrid Agreement and Protocol, respectively).
- The PCT is administered by WIPO as are other international treaties in the field of industrial property, such as the Paris Convention.

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-7  
04.06.2018

## PCT Contracting States (152)

*States designated for regional protection and also, unless otherwise indicated, national protection*

### **EA Eurasian Patent**

AM Armenia  
AZ Azerbaijan  
BY Belarus  
KG Kyrgyzstan  
KZ Kazakhstan  
RU Russian Federation  
TJ Tajikistan  
TM Turkmenistan

### **EP European Patent**

AL Albania<sup>1</sup>  
AT Austria  
\* BE Belgium  
BG Bulgaria  
CH Switzerland  
\* CY Cyprus  
CZ Czech Republic  
DE Germany  
DK Denmark  
EE Estonia  
ES Spain  
FI Finland  
\* FR France  
\* GB United Kingdom  
\* GR Greece  
HR Croatia<sup>1</sup>  
HU Hungary  
\* IE Ireland  
IS Iceland  
\* IT Italy

LI Liechtenstein  
\* LT Lithuania  
LU Luxembourg  
\* LV Latvia  
\* MC Monaco  
MK The former Yugoslav  
Republic of Macedonia<sup>1</sup>  
\* MT Malta  
\* NL Netherlands  
NO Norway  
PL Poland  
PT Portugal  
RO Romania  
RS Serbia<sup>1</sup>  
SE Sweden  
\* SI Slovenia  
SK Slovakia  
SM San Marino  
TR Turkey

\* Regional patent only

1 Extension agreement continues to apply to applications filed before 1 January 2008 (for HR), 1 January 2009 (for MK), 1 May 2010 (for AL) or 1 October 2010 (for RS)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-8  
04.06.2018

## PCT Contracting States (152) (continued)

*States designated for regional protection and also, unless otherwise indicated, national protection*

### **AP ARIPO Patent**

BW Botswana  
GH Ghana  
GM Gambia  
KE Kenya  
LR Liberia  
LS Lesotho  
MW Malawi  
MZ Mozambique  
NA Namibia  
RW Rwanda  
SD Sudan  
SL Sierra Leone  
ST Sao Tome and Principe  
\* SZ Swaziland  
TZ United Republic of Tanzania  
UG Uganda  
ZM Zambia  
ZW Zimbabwe

### **OA OAPI Patent**

\* BF Burkina Faso  
\* BJ Benin  
\* CF Central African Republic  
\* CG Congo  
\* CI Côte d'Ivoire  
\* CM Cameroon  
\* GA Gabon  
\* GN Guinea  
\* GQ Equatorial Guinea  
\* GW Guinea-Bissau  
\* KM Comoros  
\* ML Mali  
\* MR Mauritania  
\* NE Niger  
\* SN Senegal  
\* TD Chad  
\* TG Togo

\* Regional patent only

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-9  
04.06.2018



## PCT Contracting States (152) (continued)

*States designated for national protection only except where otherwise indicated*

AE United Arab Emirates	ID Indonesia	NI Nicaragua
AG Antigua and Barbuda	IL Israel	NZ New Zealand
AO Angola	IN India	OM Oman
AU Australia	IR Islamic Republic of Iran	PA Panama
* BA Bosnia and Herzegovina	JO Jordan	PE Peru
BB Barbados	JP Japan	PG Papua New Guinea
BH Bahrain	** KH Cambodia	PH Philippines
BN Brunei Darussalam	KM Union of the Comoros	QA Qatar
BR Brazil	KN Saint Kitts and Nevis	SA Saudi Arabia
BZ Belize	KP Democratic People's Republic of Korea	SC Seychelles
CA Canada	KR Republic of Korea	SG Singapore
CL Chile	KW Kuwait	ST Sao Tome and Principe
CN China	LA Lao People's Democratic Republic	SV El Salvador
CO Colombia	LC Saint Lucia	SY Syrian Arab Republic
CR Costa Rica	LK Sri Lanka	TH Thailand
CU Cuba	LY Libya	** TN Tunisia
DJ Djibouti	** MA Morocco	TT Trinidad and Tobago
DM Dominica	** MD Republic of Moldova	UA Ukraine
DO Dominican Republic	* ME Montenegro	US United States of America
DZ Algeria	MG Madagascar	UZ Uzbekistan
EC Ecuador	MN Mongolia	VC Saint Vincent and the Grenadines
EG Egypt	MX Mexico	VN Viet Nam
GD Grenada	MY Malaysia	ZA South Africa
GE Georgia	NG Nigeria	
GT Guatemala		
HN Honduras		

Bangkok  
presentation-10  
04.06.2018

\* Extension of European patent possible  
\*\* Validation of European patent possible

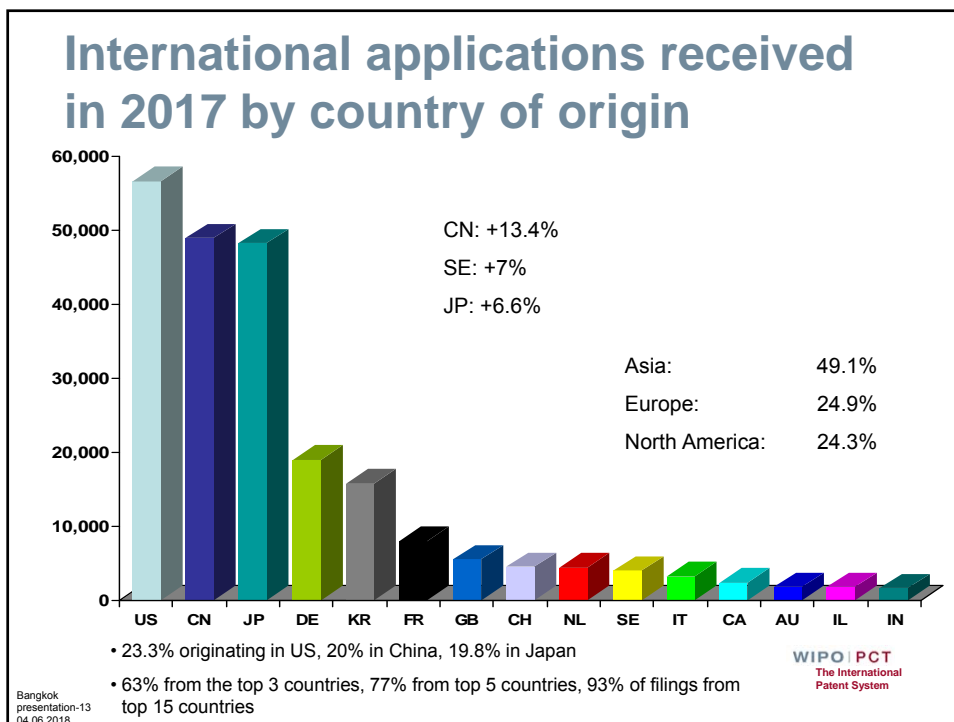
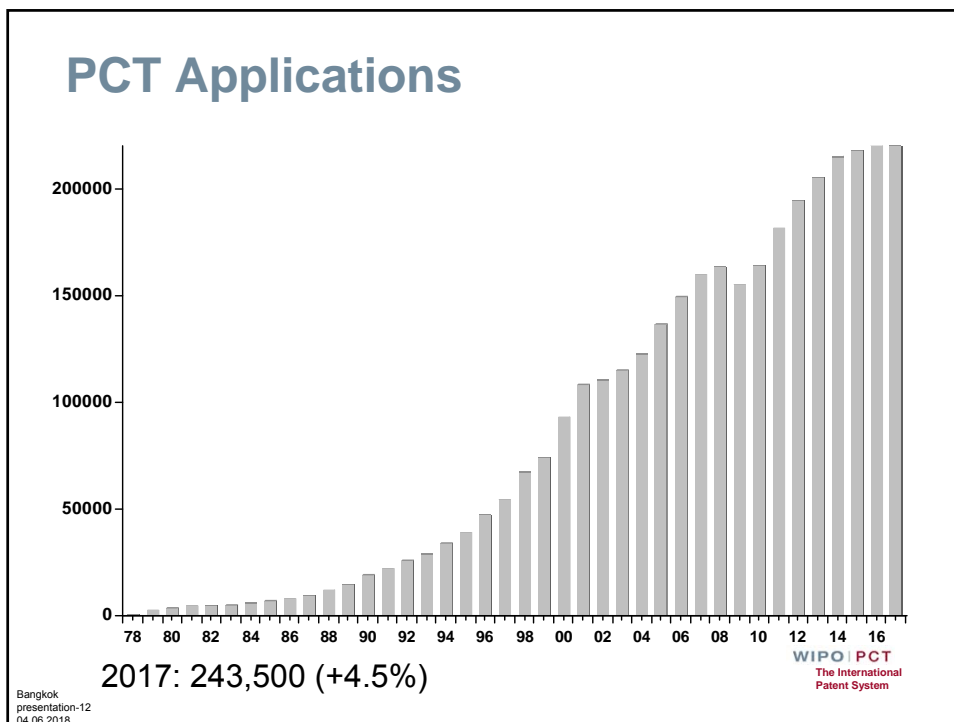
WIPO | PCT  
The International  
Patent System

## Countries not yet PCT Contracting States (41)

Afghanistan	Haiti	Paraguay
Andorra	Iraq	Samoa
Argentina	Jamaica	Solomon Islands
Bahamas	Kiribati	Somalia
Bangladesh	Lebanon	South Sudan
Bhutan	Maldives	Suriname
Bolivia	Marshall Islands	Timor-Leste
Burundi	Mauritius	Tonga
Cabo Verde	Micronesia	Tuvalu
Democratic Republic of Congo	Myanmar	Uruguay
Eritrea	Nauru	Vanuatu
Ethiopia	Nepal	Venezuela
Fiji	Pakistan	Yemen
Guyana	Palau	

Bangkok  
presentation-11  
04.06.2018

WIPO | PCT  
The International  
Patent System



## Top PCT Applicants 2017

( ) of published  
PCT applications

1. Huawei Technologies—CN (4,024)
2. ZTE—CN (2,965)
3. Intel—US (2,637)
4. Mitsubishi Electric—JP (2,521)
5. Qualcomm—US (2,163)
6. LG Electronics—KR (1,945)
7. BOE Technology Group—CN (1,818)
8. Samsung—KR (1,757)
9. Sony—JP (1,735)
10. Ericsson—SE (1,564)
11. Microsoft—US (1,563)
12. Hewlett-Packard—US (1,519)
13. LE Holdings —CN (1,397)
14. Bosch—DE (1,354)
15. Panasonic—JP (1,280)
16. Philips—NL (1,077)
17. Siemens—DE (1,063)
18. Shenzhen China Star Optoelectronics—CN (972)
19. Fujifilm—JP (970)
20. Denso—JP (968)

WIPO | PCT  
The International  
Patent System

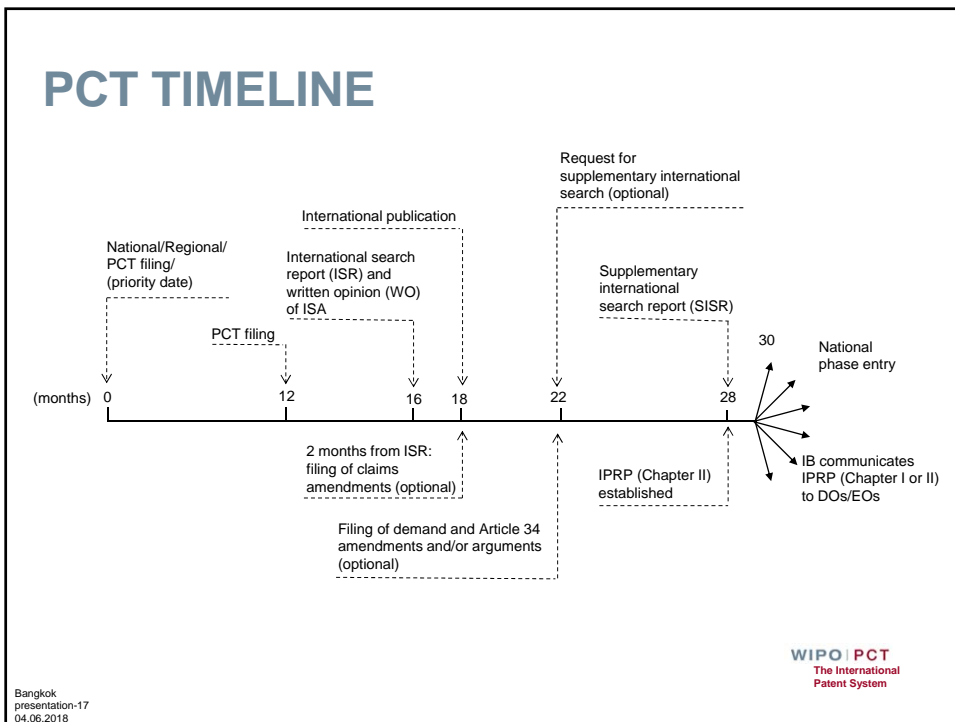
Bangkok  
presentation-14  
04.06.2018

## Top University PCT Applicants 2017

1. University of California (US)
2. Massachusetts Institute of Technology (US)
3. Harvard University (US)
4. University of Texas (US)
5. Johns Hopkins University (US)
6. University of Florida (US)
7. Seoul National University (KR)
8. Hanyang University (KR)
9. Stanford University (US)
10. Korea Advanced Institute of Science and Technology (KR)
11. Shenzhen University (CN)
12. Columbia University (US)
13. University of Tokyo (JP)
14. University of Michigan (US)
15. China University of Mining and Technology (CN)
16. King Abdullah University of Science and Technology (SA)
17. University of Pennsylvania (US)
18. Korea University (KR)
19. Tsinghua University (CN)
20. Tohoku University (JP)


WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-15  
04.06.2018



## Non-applicability of time limit of 30 months under Article 22(1)

- The Offices of the following States have notified the International Bureau that they will not apply the 30 month time limit under Chapter I, as of 1 April 2002, for as long as modified Article 22(1) is not compatible with their national law:
  - LU Luxembourg
  - TZ United Republic of Tanzania
  - UG Uganda
- Where one of these States has been designated for the purposes of a regional patent, the applicable time limit is 31 months
- If no demand for international preliminary examination is filed before the expiration of 19 months in respect of above States, the national phase will have to be entered before the expiration of 20 or 21 months from the priority date



**Basics of the PCT**

- The international application
- The international filing date
- The applicant
- Competent RO and ISA

## The international application

- Only one application filed, containing, by default, the designation of all States (for every kind of protection available) and usual priority claim(s)
- Has the effect of a regular national filing (including establishment of a priority date) in each designated State: the international filing date is the filing date in each designated State
- Filed in one language
- Filed with one office
- One set of formality requirements
- Delays national processing until 30 months from the priority date (for exceptions, see [www.wipo.int/pct/en/texts/reservations/res\\_incomp.html](http://www.wipo.int/pct/en/texts/reservations/res_incomp.html))

## Minimum requirements for an international filing date (Article 11(1)) (1)

- The application must contain at least:
  - an indication that it is intended as an international application
  - a request which has the effect of making all possible designations (Article 4 and Rules 3 and 4.9)
  - the name of the applicant (Rule 4.5)
  - a description (Rule 5)
  - a claim (Rule 6)

## Minimum requirements for an international filing date (Article 11(1)) (2)

- Note that if:
  - none of the applicants have the right to file with the receiving Office for reasons of residence or nationality (Rules 18 and 19); or
  - the application is filed in a language not accepted by the receiving Office for that purpose (Rule 12.1),

the receiving Office will transmit the application to the receiving Office of the International Bureau for further processing (Rule 19.4)

## Not required for obtaining an international filing date

- Payment of fees
- Applicant's signature
- Title of the invention
- Abstract
- Drawings (for missing drawings, see Article 14(2) and Rule 20.5)
- Translation into language of search or publication

## The PCT applicant (Article 9 and Rule 18)

- The applicant may be a natural person (e.g. the inventor) or a legal entity (e.g. company, university, NGO) (also for the US since 16 September 2012)
- It is possible to indicate different applicants for different designated States (Rule 4.5(d))
- At least one of the applicants must be a national or resident of a PCT Contracting State (Rule 18.3)



## Where to file the international application (Rule 19)

- With a national Office
- With the International Bureau of WIPO, or
- With a regional Office

For details, see PCT Applicant's Guide, International Phase, General Information, Annexes B1 and B2

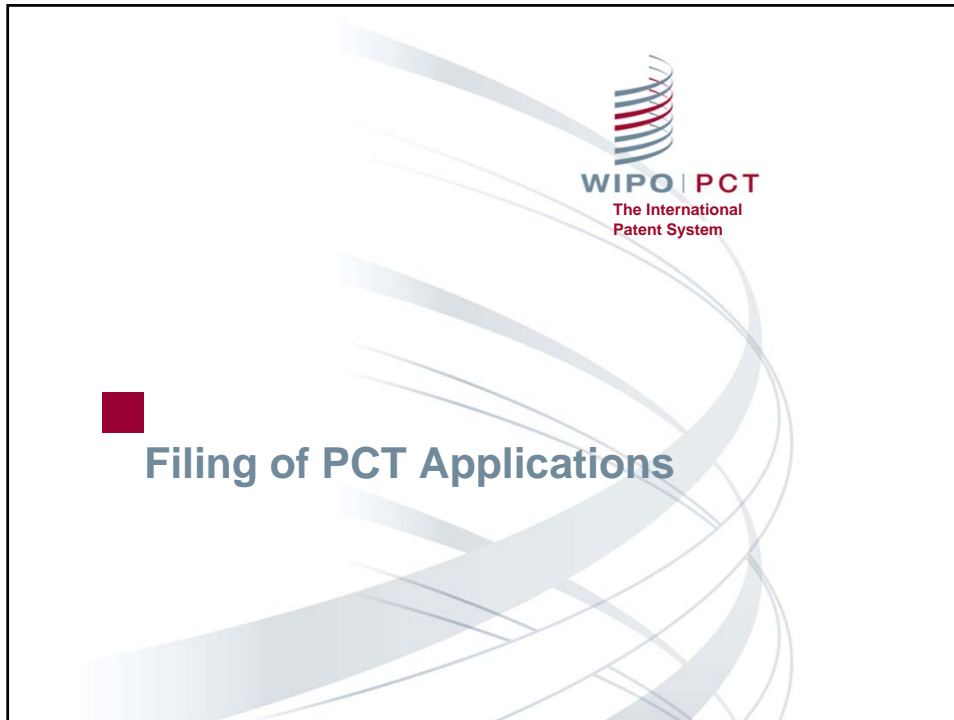
## Choice of receiving Office

Considerations:

- Accepted filing languages
- Choice of International Searching Authorities
- Criteria for restoration of the priority right and fee to be paid
- Possibility to incorporate by reference
- Acceptance of pre-conversion files

## Which ISA(s) is (are) competent (Rule 35)

- The competent ISA(s) is (are) specified by the RO
- If more than one is specified by the RO, the applicant has the choice:
  - in making that choice, the applicant must take into account the language(s) accepted by the ISA (a translation of the international application for the purposes of international search may be required in certain cases (Rule 12.3))
- If the international application is filed with RO/IB, the competent ISAs will be those which would have been competent if the international application had been filed with (any of) the national or regional Office(s) which, on the basis of applicant's nationality or residence, could be a competent RO
- Choice of ISA to be indicated in the request (Box No. VII)



## Elements making up the international application

- Request (Article 3(2))
- Description (Article 3(2))
- One or more claims (Article 3(2))
- Abstract (may be filed later without affecting the international filing date) (Articles 3(2) and 3(3))
- Drawings (where applicable) — later submission may, subject to certain conditions, result in a later international filing date (Articles 3(2) and 14(2))
- Sequence listing part of description (where applicable) (Rule 5.2(a))
- Indications containing references to deposited microorganisms or other biological material (some designated Offices (e.g. Japan) require that they be in the description or in the international application on the international filing date) (Rule 13*bis*)

## Elements which may accompany the international application

- Translation of the international application for the purposes of international search or international publication — may be furnished later without affecting the international filing date (Rules 12.3 and 12.4)
- Separate power of attorney or copy of general power of attorney — may be filed later without affecting the international filing date (Rules 90.4 and 90.5)
- Priority document(s) — may be furnished until the date of international publication (Rule 17.1)
- Sequence listing in electronic form complying with the Standard set out in Annex C of the Administrative Instructions—may be furnished later directly to the ISA without affecting the international filing date but subject to a late furnishing fee (Rule 13*ter*)
- Separate indications concerning deposited biological material that are not part of the international application, for ex., Form PCT/RO/134 (Rule 13*bis*)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-30  
04.06.2018

## The request (1)

- Electronic filing of the international application
  - ePCT-Filing
  - PCT-SAFE fully electronic
  - Other filing means provided by the receiving Office

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-31  
04.06.2018

## The request (2)

- Printed request form (Form PCT/RO/101)
  - Available on Internet  
(<http://www.wipo.int/pct/en/forms>)
- Computer print-out (Rules 3.1 and 3.4, Section 102(h))
  - For integration with in-house computer systems
  - Layout and content shall correspond to the paper form (minor adjustments permitted)

## Concept and operation of designation system (Rule 4.9)

- Automatic and all-inclusive designation of all PCT Contracting States
  - exceptions to the all-inclusive designation possible for DE, JP and KR (countries with particular rules on “self-designation”)
    - but only if the international application contains a priority claim to an earlier application filed in the State that is to be excluded
  - otherwise withdrawals of designations possible
- Choice of types of protection postponed until national phase entry (e.g. patent or utility model, national or regional patent)
- “Parent” information (continuation applications, patents of addition) may be included in PCT request form for search purposes

## Use of Earlier Search Results (Rule 4.12)

- The applicant may request the ISA to take into account the results of an earlier search in carrying out the international search
  - How? by filling-in the appropriate box on the request form
- To the extent that the ISA takes such earlier search results into account, it may reduce the search fee
  - For further details see the agreements between the International Bureau and the ISAs/IPEAs at:  
[www.wipo.int/pct/en/access/isa\\_ipea\\_agreements.html](http://www.wipo.int/pct/en/access/isa_ipea_agreements.html)

## Transmittal of Earlier Search and/or Classification Results by ROs to ISAs (Rules 12*bis*, 23*bis* and 41) (1)

- Where the applicant does not request the ISA to take into account the results of an earlier search under Rule 4.12, ROs nevertheless forward the search/classification results from priority applications without the applicant's express permission
- Exceptions:
  - Applicants filing with RO/DE, RO/FI or RO/SE may request at the time of filing of the PCT application NOT to have earlier search results forwarded to the ISA, by checking the appropriate box on the request form

## Transmittal of Earlier Search and/or Classification Results by ROs to ISAs (Rules 12*bis*, 23*bis* and 41) (2)

### ■ Exceptions: (cont.)

- ROs which have notified the IB of incompatibility of such forwarding with their applicable national law will only forward earlier search and classification results to the ISA if the applicant expressly authorized the RO by checking the appropriate box on the request form (concerns the receiving Offices: AU, CH, CZ, FI, HU, IL, JP, NO, SE, SG and US)
- If priority of an earlier PCT application is claimed and the earlier international search was carried out by a different ISA, ROs will only forward earlier search and classification results to the ISA if the applicant expressly authorized the RO by checking the appropriate box on the request form

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-36  
04.06.2018

## Signature of the request (1) (Rules 4.15, 26.2*bis*(a))

- In principle, the request must be signed by all persons (legal entity or natural persons) indicated as “applicant” or “applicant and inventor”

BUT: if only one of the applicants signs, the lack of signature of the other applicants will not be considered a defect

WARNING: Any notice of withdrawal would have to be signed by or on behalf of all applicants (including applicant/inventors)

NOTE: DOs are entitled to require confirmation of the international application by the signature of any applicant for the DO who has not signed the request

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-37  
04.06.2018

## Signature of the request (2) (Rules 4.15, 26.2bis(a))

- Signature by a person not named as applicant (FOR---ON BEHALF OF---AS AUTHORIZED SIGNATORY OF) depends on national law applied by receiving Office:
  - either an officer or employee of a legal entity (an officer or employee who does not have to be a patent attorney or patent agent)
  - or a legal representative, if the applicant is a natural person who is incapacitated
  - or a legal representative, if the applicant is a bankrupt company
- A person indicated as “inventor only” need not sign the request

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-38  
04.06.2018

## Signature of the request (3) (Rules 4.15, 26.2bis(a))

- If the request is not signed by the applicant(s) but by an agent, a separate power of attorney signed by all the applicant(s) must be filed (either original individual power or copy of general power)

BUT: if only a power of attorney signed by one applicant is filed, the lack of powers of attorney signed by the other applicants will not be considered a defect

NOTE: ROs may waive requirement that a separate power or a copy of a general power of attorney must be submitted

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-39  
04.06.2018



## Physical requirements of the international application (Rule 11) (1)

- A4 size paper for all the sheets (Rule 11.5)
- Line spacing: 1 1/2 for pages of text in description, claims and abstract (Rule 11.9(c))
- Minimum and maximum margins for the sheets of text and drawings (Rule 11.6)
- Indication of the applicant's or agent's file reference (Rule 11.6(f) and Section 109)
  - 12 characters maximum
  - in the upper left-hand corner of the sheet
  - within 1.5 cm of the top of the sheet

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-40  
04.06.2018

## Physical requirements of the international application (Rule 11) (2)

- Numbering of the sheets (Rule 11.7, Sections 207 and 311)
  - centered at the top or bottom of the sheets, not in the margin
  - 4 series: request  
description, claims, abstract  
drawings (if any)  
sequence listing part of the description (if any)
- Special requirements for drawings (Rule 11.13)

Recommendation: no text matter in the drawings (avoids problems with translations for national phase)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-41  
04.06.2018

## Headings of the parts of the description (Rule 5 and Section 204 of the Administrative Instructions)

- Technical Field
- Background Art
- Disclosure of Invention *or* Summary of Invention
- Brief Description of Drawings
- Best Mode for Carrying Out the Invention *or, where appropriate, Mode(s) for Carrying Out the Invention*
- Industrial Applicability
- Sequence Listing
- Sequence Listing Free Text



## Declarations under Rule 4.17

- Purpose: possibility to anticipate certain national phase requirements during the international phase (Rule 51*bis*.2)
- Inclusion in request or subsequent filing is optional
- Declarations relate to the following matters (Rule 4.17):
  - identity of the inventor
  - applicant's entitlement to apply for and be granted a patent
  - applicant's entitlement to claim priority of an earlier application
  - declaration as to inventorship (for the US designation only)
  - non-prejudicial disclosures or exceptions to lack of novelty

## Formal requirements

- Declarations have to use standardized wording as prescribed in Sections 211 to 215 of the Administrative Instructions
- Where a declaration has been furnished, no documents or evidence as to that matter may be required by the designated/elected Office
  - unless that Office may reasonably doubt the veracity of the declaration; and/or
  - evidence concerning non-prejudicial disclosures or exceptions to lack of novelty may be required

## Declaration of inventorship (Rule 4.17(iv)) (only for US designation)

- New standardized wording since 16 September 2012 (see Section 214 of the AIs)
- All inventors need to be named in the same declaration
- Declaration must be signed and dated by all inventors
- Signatures may appear on different copies of the same complete declaration
- Signature does not have to be an original (fax copy)
- DO/US accepts a seal as signature when the international application is filed with receiving Offices which accept seals as signatures

## Addition/correction of declarations (Rule 26ter)

- Applicants may correct or add any of the declarations filed under Rule 4.17
- Time limit: until the expiration of 16 months from the priority date (or even later, provided that the declaration is received by the International Bureau before the technical preparations for international publication have been completed)
- The receiving Office or International Bureau may invite the applicant to correct any declaration that is not worded as required or, in the case of the declaration of inventorship (Rule 4.17(iv)), is not signed as required

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-47  
04.06.2018

## Publication of declarations

- Declarations received within the applicable time limit will be mentioned on the front page of the published international application
- The full text of the declarations will be published as part of the international application

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-48  
04.06.2018

## Declarations referred to under Rule 4.17: Additional issues

- National forms should not be used for declarations in the international phase (for instance, a combined declaration of inventorship/ power of attorney) since they do not use the standardized wording
- When a declaration is furnished after the international filing date, no further page fee would be required
- If a defective declaration is not corrected during the international phase:
  - does not affect the processing of the declaration by the International Bureau
  - DOs/EOs may accept defective declaration
- No provision for the withdrawal of declarations



## Agents (Rule 90)

### ■ Who can act as agent?

- any person (attorney, patent agent, etc.) who has the right to practice before the RO can act as agent and automatically has the right to practice before the IB, the ISA and the IPEA (Article 49);
- an agent who has the right to practice before the ISA and/or IPEA can be appointed specifically for the purposes of the procedure before that ISA or IPEA (Rule 90.1(b) and (c));
- sub-agents may be appointed by agents (Rule 90.1(d))

### ■ What is a common agent?

- an agent appointed by all the applicants

## Common representatives (Rule 90)

- Who can act as common representative?
  - one of the applicants, who is entitled to file an international application (i.e., who is a resident or national of a PCT Contracting State), may be appointed by all the other applicants, or
  - where neither a common agent nor a common representative has been appointed, the first named applicant in the request who is entitled to file an international application with the RO with which the international application was filed is automatically “deemed” to be common representative

## Agents and common representatives (Rule 90)

- Any act by or in relation to a common agent or a common representative has the effect of an act by or in relation to all the applicants, except for:
  - a withdrawal made by a “deemed” common representative (Rules 90.3(c) and 90*bis*.5; and,
  - where an RO does not require that powers of attorney have to be submitted (Rules 90.4 and 90.5), a withdrawal made by an agent or common representative who has not submitted powers signed by all applicants (Rule 90*bis*.5)



## Appointment of agents and common representatives (Rules 90.4 to 90.6)

- Agents and common representatives may be appointed in any of the following ways:
  - in the request or, under Chapter II, in the demand;
  - in a separate power of attorney relating to a given international application;
  - in a general power of attorney relating to all international applications filed in the name of the applicant.
- General powers of attorney are to be filed with the RO or, where applicable, with the ISA or IPEA.
- For provisions on revocation of appointment of agents and renunciation by an agent of his appointment, see Rule 90.6

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-54  
04.06.2018

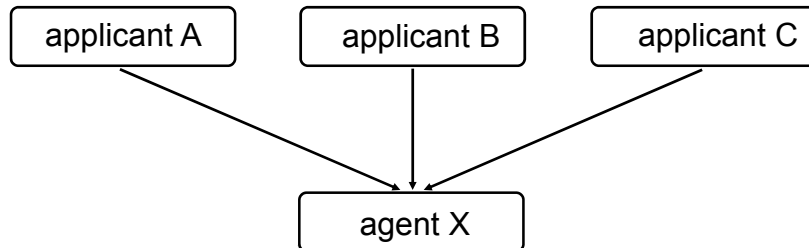
## Waiver of requirement that a power of attorney be furnished (Rules 90.4(d) and 90.5(c))

- RO, ISA, IPEA and IB may waive the requirement that:
  - a separate power of attorney; and/or
- RO, ISA and IPEA may waive the requirement that
  - a copy of a general power of attorney has to be furnished
- Any Office or Authority that has waived the requirement in general may nevertheless require that a power of attorney be furnished in particular instances
- For the table of Offices that made such a waiver, see [www.wipo.int/pct/en/texts/waivers.html](http://www.wipo.int/pct/en/texts/waivers.html)

WIPO | PCT  
The International  
Patent System

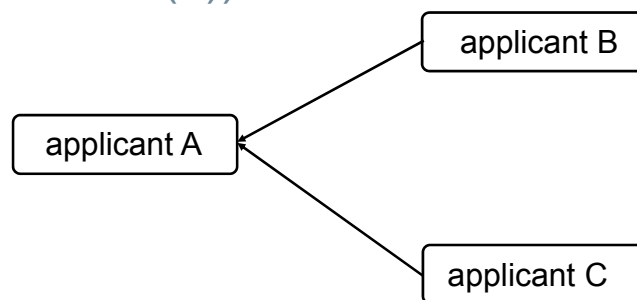
Bangkok  
presentation-55  
04.06.2018

## Common agent



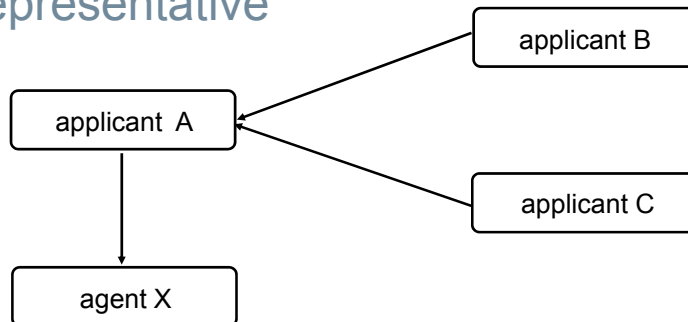
- Agent X is a common agent if he has been appointed by all applicants

## Appointed common representative (Rule 90.2(a))



- Applicants B and C appoint applicant A as their common representative
- A may be so appointed only if national or resident of a PCT Contracting State

## Agent of the appointed common representative

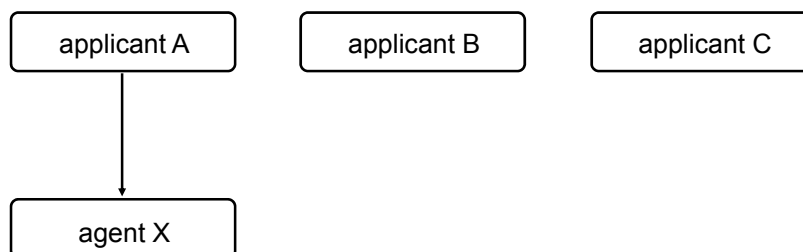


- Applicant A (e.g. corporate applicant), who has been appointed by the other applicants (e.g. applicants/inventors) as their common representative, appoints agent X
- Agent X can, on behalf of the appointed common representative, sign all documents for all applicants including any withdrawal (Rule 90.3(c)), provided that where a PCT Authority has waived the requirement that powers of attorney have to be submitted, such powers are on file

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-58  
04.06.2018

## “Deemed” common representative (Rule 90.2(b))



- There is no common agent and the applicants have not appointed a common representative. Consequently applicant A is the "deemed" common representative (i.e., the first applicant named in the Request, who has the right to file an international application with the receiving Office with which the international application was filed)
- Agent X, appointed only by applicant A, can sign all documents for all applicants except any withdrawal (Rules 90.3(c) and 90bis.5(a))

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-59  
04.06.2018



**WIPO PCT**  
The International  
Patent System

## Priority Claims

- PCT requirements
- Priority documents
- Correction/Addition of priority claims
- Restoration of the right of priority

## The right of priority (1) (Article 4 of the Paris Convention)

- Any filing of an application for a patent by an applicant in one member country, entitles that applicant (or his successor in title) to have certain rights when applying for patent protection in all other member countries within 12 months
- For prior art purposes, the later applications will be regarded as having been filed on the same date as the first application
- The right of priority can be based only on the first filed application on the subject matter (see Paris Convention Art.4C(4) for exception)

## The right of priority (2) (Article 4 of the Paris Convention)

- Multiple and partial priorities may be claimed
- The later application must concern the same subject as the first application the priority of which is claimed
- Withdrawal, abandonment or rejection of the first application does not destroy its capacity to serve as a basis for priority

## Claiming priority (PCT Article 8, Rule 4.10)

- The international application may contain a declaration claiming the priority of one or more earlier applications
  - filed in or, by way of a regional or international application, for any country party to the Paris Convention and/or
  - filed in any Member of the World Trade Organization (WTO) that is not party to the Paris Convention

## Priority date (PCT Article 2(xi))

- The priority date for the purposes of computing time limits means:
  - where the international application contains a priority claim, the filing date of the application whose priority is claimed
  - where the international application contains several priority claims, the filing date of the earliest application whose priority is claimed
  - where the international application does not contain any priority claim, the international filing date

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-64  
04.06.2018

## Contents of priority claims (Rule 4.10) (1)

- Earlier national application:
  - filing date
  - application number
  - country party to the Paris Convention or Member of WTO in which earlier application was filed
- Earlier regional application:
  - filing date
  - application number
  - authority entrusted with the granting of regional patents (in practice, the regional Office concerned)
  - where at least one country party to the regional patent treaty is neither party to the Paris Convention nor Member of WTO, at least one country party to that Convention or one Member of that Organization for which that earlier application was filed

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-65  
04.06.2018

## Contents of priority claims (Rule 4.10) (2)

- Earlier international application:
  - international filing date
  - international application number
  - receiving Office with which the earlier international application was filed

## Furnishing of priority documents (Rule 17.1)

- Where the priority of an earlier national, regional or international application is claimed, the applicant must provide a priority document for each corresponding earlier application (that is, a certified copy of the earlier application)
  - by furnishing such document directly to the receiving Office or the International Bureau (Rule 17.1(a)), or
  - by requesting the receiving Office to prepare such document and transmit it to the IB (Rule 17.1(b)), if the earlier application was filed with that Office, or
  - by requesting the IB to obtain the priority document from a digital library (Rule 17.1(b-bis)) (only for Offices participating in the Digital Access Service (DAS))

## Time limit for the furnishing of priority documents (Rule 17.1)

- Direct submission by the applicant to the RO:
  - within 16 months from the priority date
- Direct submission by the applicant to the IB:
  - before international publication
- Request to the RO to prepare and transmit the priority document to the IB:
  - within 16 months from the priority date
- Submission via DAS to IB:
  - The priority document must be made available to the IB via DAS and the request to the IB to retrieve the priority document must be made before international publication

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-68  
04.06.2018

## Digital Access Service for Priority Documents (DAS)

- Legal Basis:
  - PCT Rule 17.1(b-*bis*)
  - Administrative Instructions 715 and 716
- Applicants may request the IB to retrieve priority documents from digital libraries (may also be possible at some DOs)
- Participating Offices: AU, BR, CN, DK, EA, EE, ES, FI, GB, IB, IN, JP, KR, MA, NZ, SE, US
- For detailed information on DAS, see: [www.wipo.int/das/en](http://www.wipo.int/das/en)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-69  
04.06.2018



## Retrieval of priority documents via DAS

- Possibility to request the IB to retrieve a copy of the priority document of an earlier application, in electronic form, via DAS
- The service is available for earlier national or regional applications filed with AU, BR, CN, DK, EA, EE, ES, FI, GB, IN, JP, KR, MA, NZ, SE and US and for earlier international applications filed with AU, BR, CN, DK, EA, ES, FI, IN, MA, SE and RO/IB
- The Office with which the earlier national application was filed is known as the Office of First Filing (OFF) or the Depositing Office
- The Office that retrieves the document is known as the Office of Second Filing (OSF) or Accessing Office

Bangkok  
presentation-70  
04.06.2018

WIPO | PCT  
The International  
Patent System

## Main steps for the use of DAS

- Request the OFF to make the earlier application available via DAS
- The OFF (or, in some cases, the IB on behalf of the OFF) provides the applicant with an access code
- File the PCT international application and request the IB to retrieve the priority document via DAS by checking the appropriate box on the request form and include the access code (after filing, the request to the IB to retrieve the priority document via DAS can also be made using ePCT)
- The IB retrieves the priority document via DAS and sends a confirmation of retrieval to the applicant by means of the form PCT/IB/304

Bangkok  
presentation-71  
04.06.2018

WIPO | PCT  
The International  
Patent System

## Requesting DAS p-doc retrieval

Details of Priority Claim of Earlier Application

National  Regional  International (PCT)

Country: US United States of America

Filing date: 29 July 2011

Number: 61/274,654

The international Bureau is requested to obtain from a digital library a certified copy of the above-identified earlier application.

Access code: 1234

The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the above-identified earlier application.

The receiving Office is requested to restore the right of priority

OK Cancel

- Select the checkbox on the Priority details page for the corresponding priority claim and indicate the access code.

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-72  
04.06.2018

## Correction/addition of priority claims

- What can be the problem?
  - missing priority claim
  - missing priority date
  - missing indications of the date, number or country of filing
  - filing date of earlier application more than 12 months before the international filing date
  - earlier filing not in a country party to the Paris Convention or a Member of WTO
- Applicable provisions:
  - Article 8
  - Rules 4.10, 26bis, 48.2(a)(vii) and 91

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-73  
04.06.2018

## Correction/addition of priority claims affecting the priority date (Rule 26bis) (1)

### ■ Cases concerned:

- adding a priority claim with an earlier filing date than any priority claim present in the application
- correction of the filing date of the earliest priority claim

## Correction/addition of priority claims affecting the priority date (Rule 26bis) (2)

### ■ Applicable time limit:

- within 4 months from the international filing date; or
- possibly later, if the earlier of the following two time limits expires later than the 4-month time limit:
  - 16 months from the priority date before the correction or addition
  - 16 months from the priority date after the correction or addition
- any correction received before the RO or IB has declared the priority claim to be void and not later than one month after the expiration of the above time limit, will be considered as timely received (Rule 26bis.2(b))

NOTE: This does not apply to late additions of priority claims

## Correction/addition of priority claims not affecting the priority date (Rule 26bis) (1)

### ■ Cases concerned:

- corrections which do not affect the filing date of the priority claim
- adding a priority claim with a later filing date than the earliest priority claim present in the application (e.g. second priority claim)
- corrections of the filing date of a priority claim which is not the earliest one

## Correction/addition of priority claims not affecting the priority date (Rule 26bis) (2)

### ■ Applicable time limit:

- Rule 26bis.1(a):
  - within 4 months from the international filing date; or
  - within 16 months from the priority date, whichever time limit expires later
  - any correction received before the RO or IB has declared the priority claim to be void and not later than one month after the expiration of the above time limit, will be considered as timely received (Rule 26bis.2(b))

NOTE: This does not apply to late additions of priority claims

- Rule 91: within 26 months from the priority date

## Invitation to correct by RO or IB (1)

### ■ Forms:

- receiving Office: Form PCT/RO/110
- International Bureau: Form PCT/IB/316

### ■ Invitation (Rule 26*bis*.2(a)), is issued if:

- priority claim does not comply with requirements of Rule 4.10
- any indication in the priority claim is inconsistent with the corresponding indication appearing in the priority document
- International application has an international filing date outside the priority period

## Invitation to correct by RO or IB (2)

- The RO will also draw the attention of the applicant to the possibility to request restoration of the priority right (Rule 26*bis*.3) if the international filing date is outside of the priority period but within a period of two months from the date of expiration of the priority period
- If the applicant does not correct the priority claim in response to the invitation, the priority claim concerned will be considered void, for the purposes of the procedure under the PCT (Rule 26*bis*.2(b))

## Invitation to correct by RO or IB (3)

- However, a priority claim will not be considered void only because (Rule 26*bis*.2(c)):
  - the indication of the number of the earlier application is missing; or
  - an indication in the priority claim is not the same as the corresponding indication appearing on the priority document; or
  - the international filing date is outside of the priority period but within a period of two months from the date of expiration of the priority period

## Invitation to correct by RO or IB (4)

- The finding that the priority claim is considered void for the purposes of the procedure under the PCT, would not prevent any designated Office from recognizing such a priority claim for the purposes of the national phase if so permitted or required by national law
- Warning to third parties: different priority dates may apply in different designated States (Rules 26*bis*.2(d) and 48.2(a)(ix))

## Publication related to priority claims (1)

■ Information concerning a priority claim considered void or only not considered void because:

- the number was missing
- inconsistency with the indications on priority document
- the international filing date is outside of the priority period but with a period of two months from the date of expiration of the priority period

will be published by the International Bureau free of charge together with, where applicable, information furnished by the applicant concerning such priority claims  
(Rule 26bis.2(d))

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-82  
04.06.2018

## Publication related to priority claims (2)

■ Correction and addition of priority claims under Rule 26bis.1(a):

After the expiration of the applicable time limit to correct or add a priority claim, applicant may request the International Bureau (Rule 26bis.2(e)) to publish information concerning the priority claim concerned:

- within 30 months from priority date; and
- subject to the payment of a fee

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-83  
04.06.2018

## Restoration of the right of priority - Competent Authorities

- RO during the international phase  
(Rule 26*bis*.3)
- DO during the national phase  
(Rule 49*ter*.2)

## Restoration of the right of priority Applicable criteria

- Applicable Rules: 26*bis*.3(a) and 49*ter*.2(a)
- Two possible criteria for restoration:
  - failure to file the application within the priority period occurred in spite of due care required by the circumstances having been taken
  - failure to file the application within the priority period was unintentional
- All Offices must apply at least one of these criteria and may apply both; designated Offices may also apply a more favorable criterion in accordance with their national law



## Restoration by RO (Rule 26bis.3)

### ■ Conditions:

- request to restore must be filed with the RO
- time limit: within a period of 2 months from the date of the expiration of the priority period
- filing of statement of reasons for failure to comply with the time limit
- statement should preferably be accompanied by a declaration or other evidence to support such statement
- where applicable, payment of the required fee

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-86  
04.06.2018

## Restoration by RO Communication of documents to the IB

- **General Rule:** Obligation of the RO to forward to the IB all documents received from the applicant in relation to a request to restore the priority right
- **Exception:**
  - Upon reasoned request by the applicant or on its own decision, the RO may not forward information, if
    - it does not obviously serve the purpose of informing the public about the international application,
    - publication of or public access to such information would clearly prejudice the personal or economic interests of any person, and
    - there is no prevailing public interest to have access to that information
  - The applicant may be required to submit replacement sheets

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-87  
04.06.2018

## Effects of refusal to restore by RO (Rule 26*bis*.3)

- Any priority claim to an earlier application filed less than 14 months before the international filing date
  - will not be declared void even if priority is not restored by the RO (Rule 26*bis*.2(c)(iii))
  - will serve as a basis to calculate time limits during the international phase
- The validity of such a priority claim in the national phase is not assured

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-88  
04.06.2018

## Effects of restoration in the national phase (Rule 49*ter*.1)

- Effect of restoration by RO in the national phase:
  - RO restoration based on the “due care” criterion is effective in all DOs
  - RO restoration based on the “unintentional” criterion is effective in those DOs which apply that criterion (or a more lenient one)
  - RO restoration is not conclusively binding on DOs: limited review by DOs is possible
  - RO refusal to restore is not binding on DOs
- For declarations of incompatibility with the national law (reservations), see the WIPO website at:  
[www.wipo.int/pct/en/texts/reservations/res\\_incomp.html](http://www.wipo.int/pct/en/texts/reservations/res_incomp.html)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-89  
04.06.2018

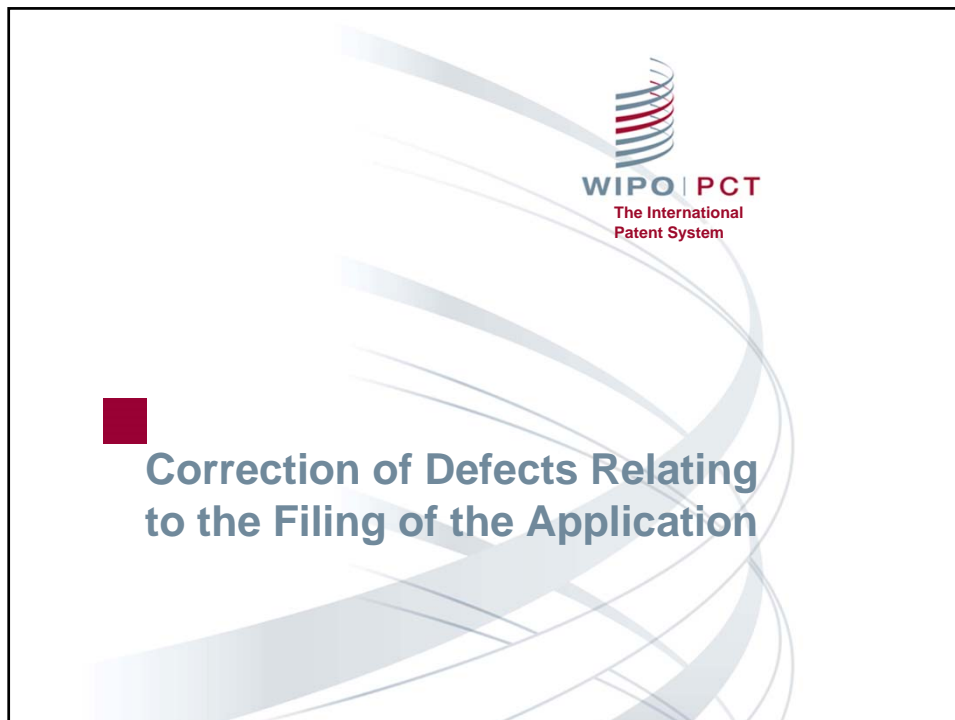
## Reservations made by Offices

The following Offices have notified the International Bureau of the incompatibility of Rule 26*bis*.3(a) to (i), Rule 49*ter*.1(a) to (d) and/or Rule 49*ter*.2(a) to (g) with their national/regional law:

- ❑ Incompatibility as RO (Rule 26*bis*.3(j)):  
BR, CO, CU, CZ, DE, DZ, GR, ID, IN, IT, KR, NO, PH
- ❑ Incompatibility of the effect of decision of RO on DO (Rule 49*ter*.1(g)):  
BR, CA, CN, CO, CU, CZ, DE, DZ, ID, IN, KR, LT, MX, NO, PH, TR
- ❑ Incompatibility as DO (Rule 49*ter*.2(h)):  
BR, CA, CN, CO, CU, CZ, DE, DZ, ID, IN, KR, MX, NO, PH, TR

See the Table of "PCT Reservations, Declarations, Notifications and Incompatibilities" [www.wipo.int/pct/en/texts/reservations/res\\_incomp.html](http://www.wipo.int/pct/en/texts/reservations/res_incomp.html)

WIPO | PCT  
The International  
Patent System



## Defects which can be corrected without affecting the international filing date (1)

- Office not competent because of the applicant's nationality or residence (Article 11(1)(i), Rule 19.4(a)(i))
- International application filed in a language not accepted by the receiving Office (Rule 19.4(a)(ii))
- Errors in the indication of the applicant's nationality and/or residence (Section 329 of the Administrative Instructions)
- Non-admitted language for the request, abstract, text matter in drawings (Rule 26.3ter)
- Incomplete, erroneous or missing priority claim (Rule 26bis)

## Defects which can be corrected without affecting the international filing date (2)

- Unpaid or not fully paid fees (Rule 16*bis*)
- Missing signature in the request (Rule 4.15)
- Incomplete, erroneous or missing declarations under Rule 4.17 (Rule 26*ter*)
- Formal defects (Rules 11 and 26)
- Missing title of the invention
- Missing abstract
- Obvious mistakes (Rule 91)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-93  
04.06.2018

## Defects which may result in a later international filing date (Rule 20.5)

- Missing sheets of
  - description
  - claims
  - drawings

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-94  
04.06.2018

## Missing elements and parts of the international application (Rule 20) (1)

- Objective: Enable inclusion of accidentally omitted elements or parts that are contained in a priority application without affecting the international filing date
  - element = all of the description or all of the claims
  - part = part of the description, part of claims or part or all of pages of drawings

## Missing elements and parts of the international application (Rule 20) (2)

- Conditions:
  - priority must have been claimed on the original filing date (Rule 4.18)
  - priority application contains the element or part (Rule 20.6(b))
  - request contains statement of (conditional) incorporation by reference (Rule 4.18)
  - timely confirmation of incorporation by reference (Rules 20.6 and 20.7)
- Competent Authority: RO

## Confirmation of incorporation by reference (Rules 20.6 and 20.7) (1)

- Time limit: two months from filing or from invitation to correct (Rule 20.7)
- Documents to be filed (Rule 20.6):
  - notice of confirmation
  - missing sheets
  - copy of the earlier application as filed unless the priority document already submitted
  - translation if not in the language of the international application
  - indication as to where in the priority document (and translation) the missing parts are contained

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-97  
04.06.2018

## Confirmation of incorporation by reference (Rules 20.6 and 20.7) (2)

- If not all requirements for incorporation by reference are fulfilled  
(for example, if a missing element or part is not entirely contained in the earlier application):
  - the international application is assigned a later filing date (date of receipt of missing element or part),
  - applicant may request that missing part be disregarded (Rule 20.5(e))

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-98  
04.06.2018

## Invitation by RO to correct defect under Article 11(1) (Rule 20.3)

Where the entire description or all claims are missing, RO invites the applicant to either:

- furnish a correction under Article 11(2) and the international application is accorded a later filing date or,
- confirm under Rule 20.6(a) that the element is incorporated by reference under Rule 4.18 and the international filing date is maintained

## Effect of incorporation by reference in the national phase (Rule 82 *ter.* 1(b))

- DOs may, to a limited extent, review the decision allowing the incorporation by reference
- Declarations of incompatibility with the national law (reservations) were made by a number of ROs and DOs  
See WIPO website at:  
[www.wipo.int/pct/en/texts/reservations/res\\_incomp.html](http://www.wipo.int/pct/en/texts/reservations/res_incomp.html)



## Declarations of incompatibility with the national law

The following Offices have notified the International Bureau of the incompatibility of Rules 20.3(a)(ii) and (b)(ii), 20.5(a)(ii) and (d), and 20.6 with its national/regional law:

- Incompatibility as RO (Rule 20.8(a)):
  - CU, CZ, DE, ID, IT, KR, MX
- Incompatibility as DO (Rule 20.8(b)):
  - CN, CU, CZ, DE, ID, KR, MX, TR

## Rectification of obvious mistakes (Rule 91) (1)

- No rectification shall be made except with the express authorization:
  - of the receiving Office if the mistake is in the request,
  - of the International Searching Authority if the mistake is in any part of the international application other than the request or in any paper submitted to that Authority,
  - of the International Preliminary Examining Authority if the mistake is in any part of the international application other than the request or in any paper submitted to that Authority,
  - of the International Bureau if the mistake is any paper, other than the international application or amendments or corrections to that application, submitted to the International Bureau

## Rectification of obvious mistakes (Rule 91) (2)

- Time limit: 26 months from the priority date (Rule 91.2)
- Clarification as to mistakes which are not rectifiable under Rule 91:
  - missing sheets or elements
  - mistake in the abstract
  - mistake in Article 19 amendments
  - mistake in the priority claims causing a change in the priority date

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-103  
04.06.2018

## Rectification of obvious mistakes (3)

- DO may disregard a rectification “if it finds that it would not have authorized the rectification if it had been the competent authority”, but must give the applicant an opportunity to make observations (Rule 91.3(f))
- Authorized request for rectification:
  - if this is received after technical preparations for publication have been completed, the IB will publish a statement reflecting the rectifications, any replacement sheets and the request for rectification together with the republished front page (Rule 48.2(i))

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-104  
04.06.2018

## Rectification of obvious mistakes (4) (Publication, Rule 48.2)

### ■ Refused request for rectification:

- this will be published, upon request by the applicant within two months from the refusal and against payment of a fee, together with the reasons for refusal and any brief comments by applicant (Rule 91.3(d)); if this is received after technical preparations for publication have been completed, it will be promptly published with the republished front page (Rule 48.2(k))

## Correction procedure (Rule 26.4)

### ■ Correction in the request:

- may be stated in a letter

### ■ Correction of any element of the international application other than the request:

- replacement sheet and letter drawing attention to the differences between the replaced and the replacement sheet must be submitted

## What is a replacement (substitute) sheet? (Rules 26.4, 46.5(a) and 66.8(a))

- A sheet filed during the international phase which differs from the sheet as originally (or previously) filed because it contains:
  - correction(s) of formal defects (Rule 26)
  - rectification(s) of obvious mistakes (Rule 91)
  - amendment(s) of claims (Article 19)
  - amendment(s) of description, claims, drawings (Article 34)
  - change(s) in the indication(s) in the Request concerning applicants, inventors, agents (Rule 92*bis*)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-107  
04.06.2018

## When and how to file a replacement sheet?

- A replacement sheet must be submitted
  - where the correction/rectification/amendment is in any part of the international application other than the request, in all cases
  - where the correction/rectification/amendment is in the request, in cases where it is of such a nature that it cannot be communicated in a letter and transferred to the request without adversely affecting the clarity and direct reproducibility of that sheet of the request
- It must be accompanied by a letter explaining the differences between the replaced sheet and the replacement sheet

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-108  
04.06.2018

## Additional correction procedures

Review by and opportunity to correct before the designated/elected Offices:

(Articles 24(2), 25, 26, 39(3) and 48, Rules 82*bis* and 82*ter*)



## Rule 92bis: cases covered

- Change of name
- Change of address
- Change of nationality
- Adding/deleting an inventor
- Change of applicant (assignment, addition, deletion)
- Change of agent

## Request for recording of a change under Rule 92bis

- Must be made in writing
- May be filed with the International Bureau or the receiving Office
- Generally no evidence of the change is required during the international phase (the designated Offices may, however, require that evidence (for example, assignment) be submitted once the national phase has been entered)
- The International Bureau will notify the applicant (using Form PCT/IB/306) that the requested change has been recorded

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-112  
04.06.2018

## Recording of a change in the person of the applicant under Rule 92bis

- Where such request is made by a person not yet named in the request (“the new applicant”) without the written consent of the (“old”) applicant, a copy of an assignment or other documentary evidence supporting the change in person must be filed with the request for the change
- Where such request is made by an agent of the new applicant, a power of attorney signed by the new applicant must be furnished at the same time

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-113  
04.06.2018

## Time limit under Rule 92bis (1)

- The request must reach the International Bureau before the expiration of 30 months from the priority date
  - Therefore, it is recommended to file it directly with the International Bureau even though it is possible to file it also with the receiving Office
- If it reaches the International Bureau after the expiration of the applicable time limit, the change will not be recorded and the applicant will have to proceed with such request before each designated or elected Office concerned

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-114  
04.06.2018

## Time limit under Rule 92bis (2)

- If the applicant wishes that a particular change be taken into account for the international publication of the international application, the request for recording of that change must reach the International Bureau before the completion of technical preparations for international publication (normally, 15 days before the actual date of publication)
- If the request for recording of a change reaches the International Bureau too late to be reflected in the international publication, the International Bureau will notify all designated or elected Offices concerned

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-115  
04.06.2018





## The receiving Office (1)

- Specifies the International Searching Authority or Authorities competent for searching international applications filed with it (Article 16(2))
- Specifies the International Preliminary Examining Authority or Authorities competent for examining international applications filed with it (Article 32(2))
- Prescribes the language(s) in which international applications must be filed with it (Rule 12.1(a) and (c))
- Fixes the amount of the transmittal fee (Rule 14.1(b))

## The receiving Office (2)

- Checks whether it is competent to act as receiving Office with regard to:
  - nationality/residence of the applicant (Rules 19.1 and 19.2)
  - language of filing (Rule 12.1(a)) and, where applicable, transmits international application to RO/IB (Rule 19.4)
- Accords or refuses international filing date (Article 11(1) and Rule 20)
- Decides on requests for incorporation by reference of missing elements or parts (Rules 20.5 to 20.7)
- Checks if any drawings referred to are included (Article 14(2))

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-118  
04.06.2018

## The receiving Office (3)

- Checks whether translation of international application is required (Rules 12.3 and 12.4)
- Checks for formal defects (Article 14(1))
- Collects fees for RO, IB and ISA (Rules 14, 15 and 16)
- Checks if the required fees are timely paid (Rule 16*bis*)
- Checks priority claim(s) (Rules 4.10 and 26*bis*)
- Decides on requests for restoration of the priority right (Rule 26*bis*.3)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-119  
04.06.2018

## The receiving Office (4)

- Obtains national security clearance, if required by national law (where RO is regional Office or RO/IB, clearance is applicant's responsibility)
- Forwards the record copy to IB and the search copy to ISA, including any required translation (Article 12 and Rules 22.1 and 23.1)
- Forwards and receives correspondence from applicants and the international authorities
- Establishes certified copies of PCT applications filed with it (Rule 21.2)



## International Bureau as receiving Office (RO/IB) (1)

- The International Bureau is available as receiving Office for nationals and residents of all PCT Contracting States (Rule 19.1(a)(iii))
- Compliance with national security provisions is applicant's responsibility
- RO/IB accepts international applications filed in ANY language
- The competence of ISAs and IPEAs will be determined as if the international application had been filed with a competent national or regional Office (Rules 35.3(a) and 59.1(b)). Choice of ISA must be indicated in the request (Rules 4.1(b)(iv) and 4.14bis)

## International Bureau as receiving Office (RO/IB) (2)

- An agent has the right to practice before RO/IB if qualified to act before a competent national or regional Office (Rule 83.1 *bis*)
- RO/IB has waived the requirement that a separate power of attorney or a copy of a general power of attorney has to be submitted in respect of any agent or common representative indicated in Box IV of the request, subject to certain conditions (see [www.wipo.int/pct/en/texts/pdf/p\\_a\\_waivers.pdf](http://www.wipo.int/pct/en/texts/pdf/p_a_waivers.pdf))
- No transmittal fee for applicants from certain Contracting States

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-123  
04.06.2018

## Transmittal of international applications to RO/IB (Rule 19.4) (1)

- Cases where the international application will be transmitted to RO/IB:
  - if it is filed by an applicant from a PCT Contracting State with an Office which is not competent as receiving Office because of the nationality or residence of the applicant
  - if it is in a language which is not accepted by the Office with which it is filed
  - if for any other reason, the receiving Office and RO/IB agree to the transmittal and the applicant authorizes it

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-124  
04.06.2018

## Transmittal of international applications to RO/IB (Rule 19.4) (2)

- Conditions for the transmittal:
  - ❑ any applicable national security requirements are met
  - ❑ a fee, equal to the transmittal fee, is paid (not all Offices will require such a fee)
- Effect of the transmittal on the international filing date: the international filing date will be the date of receipt by the “non competent” Office provided that
  - ❑ the minimum requirements for according an international filing date are met

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-125  
04.06.2018

## Transmittal of international applications to RO/IB (Rule 19.4) (3)

- Consequences of the transmittal:
  - ❑ all PCT filing fees will be payable to the International Bureau in Swiss Francs, Euro or US Dollars
    - the one-month time limit for payment being calculated from the actual date of receipt of the application by RO/IB
  - ❑ any fees paid to the non-competent Office, other than a fee equal to the transmittal fee (if required), will be refunded
  - ❑ the question whether the person previously appointed as agent is entitled to represent the applicant before RO/IB must be checked (Rule 83.1 *bis*)
  - ❑ the question whether the International Searching Authority chosen by the applicant is correct will be checked (Rule 35)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-126  
04.06.2018

## Filing PCT applications by fax at RO/IB (1)

- RO/IB accepts filing of all documents, including international applications, by fax; some are subject to confirmation within 14 days, others only upon invitation (14 days or more)\*
- Note time difference: if the document transmitted is due within a certain time limit, it is the expiration of that time limit in Geneva which will determine whether the document was filed on time (Rule 80.4(b))
- Mechanical failure or other problem associated with the fax transmission remains at the applicant's risk (Rule 92.4(c))

\* See *PCT Applicant's Guide*, General Information, Annex B2(IB)

Note: Fax transmissions no longer recommended since January 1, 2018

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-127  
04.06.2018

## Filing PCT applications by fax at RO/IB (2)

- Acknowledgement of receipt of PCT application – Form PCT/RO/199: by fax, if a fax number is given by the applicant/agent/sender; (also) by special courier service (outside Europe)
- RO/IB decides on petitions if applicant does not agree with decision taken as to whether pages were received

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-128  
04.06.2018

## Furnishing of priority document(s) in respect of PCT/IB applications (1)

- Where priority of an earlier national, regional or international (RO other than RO/IB) application is claimed in a PCT application filed with, or transmitted under Rule 19.4, to RO/IB:
  - RO/IB cannot be requested to establish a certified copy of such application (“priority document”) since RO/IB is not the Office with which that earlier application was filed
  - if the relevant check-box in Box No. VI of the request is marked, RO/IB will delete the check-mark *ex officio*

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-129  
04.06.2018

## Furnishing of priority document(s) in respect of PCT/IB applications (2)

- the priority document must be obtained by the applicant from the national or regional Office or receiving Office concerned and furnished within the 16-month time limit – Note that, even if the Office concerned sends the priority document to IB on behalf of the applicant, the 16-month time limit applies (in other words, Rule 17.1(b) does not apply); and that, in order to meet the time limit, the document may be sent by fax\* to the IB, subject to confirmation
- RO/IB may be requested to obtain the priority document via DAS to the extent that the Office with which the earlier application was filed participates in DAS (Rule 17.1(b-bis))

\* Note: Fax transmissions no longer recommended since January 1, 2018

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-130  
04.06.2018



## Furnishing of priority document(s) in respect of PCT/IB applications (3)

- Where priority of an earlier PCT/IB application is claimed in a subsequent PCT/IB application, the relevant check-box in Box No. VI of the request may be marked and RO/IB will prepare and transmit to the IB the corresponding priority document (see Rules 17.1(b) and 21.2)

## Translation for the purposes of international search (Rules 12.3, 20.1(c) and (d))

- Where the international application is filed with RO/IB in a language which is not accepted by the ISA that is to carry out the international search, the applicant is required:
  - to furnish to RO/IB
  - within one month from the date of receipt of the international application by RO/IB
  - a translation of the international application into a language which is a language accepted by the ISA that is to carry out the international search and a language of publication

## Invitation to furnish required translation (Rule 12.3(c) and (e))

- Where, by the time RO/IB sends to the applicant the notification of the PCT number and of the international filing date, the applicant has not furnished the required translation, RO/IB will invite the applicant:
    - to furnish the required translation within one month from the date of receipt of the international application
    - in the event that the required translation is not furnished within that one month time limit, to furnish it (and to pay, where applicable, a late furnishing fee equal to 25% of the international filing fee) within
      - one month from the date of the invitation or
      - two months from the date of receipt of the international application by RO/IB,
- whichever time limit expires later

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-133  
04.06.2018

## Failure to furnish translation and/or pay late furnishing fee (Rule 12.3(d))

- Where the applicant has not, within the applicable time limit, furnished the required translation and/or paid, where applicable, the late furnishing fee, the international application will be considered withdrawn and RO/IB will so declare
  - Any translation and any payment received by RO/IB
    - before RO/IB makes the declaration that the international application is considered withdrawn and
    - before the expiration of 15 months from the priority date
- is considered to have been received before the expiration of the applicable time limit (that is, one month from the date of the invitation or two months from the date of receipt of the international application, whichever expires later)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-134  
04.06.2018



## The International Searching Authority (1)

- Checks unity of invention (Rules 13 and 40)
- Checks title (Rule 37); checks abstract (Rule 38)
- Searches claimed invention (Article 15(3), Rule 33.3)
- Authorizes rectification of obvious mistakes if the mistake is:
  - in any part of the international application other than the request, (Rule 91.1(b)(ii)) or
  - in any paper submitted to that Authority (Rule 91.1(b)(iv))

## The International Searching Authority (2)

- Establishes international search report (ISR) (Rules 42 and 43) and/or declaration that no international search report will be established (Article 17(2))
- Establishes written opinion of the ISA (Rule 43*bis*): non-binding first opinion on novelty, inventive step (non-obviousness) and industrial applicability of claimed invention

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-137  
04.06.2018

## International Searching Authorities (23 in total)

- |                  |   |
|------------------|---|
| ■ AT – Austria   | ■ KR – Republic of Korea  |
| ■ AU – Australia | ■ PH – Philippines ( <i>not yet operational</i> )                                     |
| ■ BR – Brazil    | ■ RU – Russian Federation   |
| ■ CA – Canada    | ■ SE – Sweden   |
| ■ CL – Chile     | ■ SG – Singapore  |
| ■ CN – China     | ■ TR – Turkey   |
| ■ EG – Egypt     | ■ UA – Ukraine  |
| ■ ES – Spain     | ■ US – United States of America   |
| ■ FI – Finland   | ■ EP – European Patent Office   |
| ■ IL – Israel    | ■ XN – Nordic Patent Institute<br>(Denmark, Iceland, Norway)                          |
| ■ IN – India     | ■ XV – Visegrad Patent Institute (VPI)<br>(Czech Republic, Hungary, Poland, Slovakia) |
| ■ JP – Japan     |   |

WIPO | PCT  
The International  
Patent System

Receiving Office decides on which ISAs is/are competent

Bangkok  
presentation-138  
04.06.2018

## Prior art for international search (Article 15(2) and Rule 33)

### ■ Prior art:

- everything which has been made available to the public,
- anywhere in the world,
- by means of written disclosure,
- which is capable of being of assistance in determining that the claimed invention is or is not new and that it does or does not involve an inventive step,
- provided the making available to the public occurred prior to the international filing date.

### ■ PCT Minimum Documentation (Rule 34)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-139  
04.06.2018

## International Search Report (ISR) (Rules 42 and 43)

### ■ Contains:

- IPC (International Patent Classification) symbols
- indications of the technical areas searched
- indications relating to any finding of lack of unity
- a list of the relevant prior art documents
- indications relating to any finding that a meaningful search could not be carried out in respect of certain (but not all) claims

### ■ Time limit to establish ISR and written opinion of the ISA:

- 3 months from the date of receipt of the search copy by the ISA (usually within approximately 16 months from the priority date if priority is claimed); or
- 9 months from the priority date, whichever time limit expires later

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-140  
04.06.2018

## Cases where no international search report will be established (1)

- The application relates to a subject matter which the ISA is not required to search, and in the particular case decides not to search (Article 17(2)(a)(i) and Rule 39.1)
- The description, claims or drawings do not comply with the prescribed requirements to such an extent that a meaningful search cannot be carried out in respect of any of the claims (Article 17(2)(a)(ii))
- The application contains the disclosure of a nucleotide and/or amino acid sequence, but:
  - no listing of that sequence is furnished,
  - the listing furnished does not comply with the Standard set out in Annex C of the Administrative Instructions or is not in electronic form (Rule 13*ter*.1(d)), or
  - the fee for late furnishing of the sequence listing has not been paid within the applicable time limit (Rule 13*ter*.1(d))

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-141  
04.06.2018

## Cases where no international search report will be established (2)

- Consequences:
  - the ISA will declare that no international search report has been established and that declaration will be published as part of the published international application (Rule 48.2(a)(v))
  - the application remains valid but the IPEA will not be obliged to carry out the international preliminary examination for lack of an international search report (Rule 66.1(e))

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-142  
04.06.2018

## Written opinion of the ISA (Rule 43bis) (1)

- Initial preliminary non-binding opinion on:
  - novelty (not anticipated)
  - inventive step (not obvious)
  - industrial applicability
- A written opinion will be established for all international applications at the same time as the ISR
- The written opinion is sent to applicant and the International Bureau together with the ISR

## Written opinion of the ISA (Rule 43bis) (2)

- The written opinion is made publicly available on PATENTSCOPE in its original language as of the date of publication of the international application
- No formal procedure for applicants to respond to written opinion of the ISA
- Possibility to submit informal comments to the International Bureau
  - They are made publicly available together with the written opinion in their original language
  - They are communicated to the DOs together with the IPRP (Chapter I) if and when it is sent
- Note: The IPRP Chapter I and its translation are established at 30 months from the priority date

## Prior art for written opinion of the ISA (Rules 43bis.1(b) and 64.1)

### ■ Prior art:

- same as for international search purposes; BUT:
- relevant date: everything made available to the public prior to the priority date

- The ISA may request a copy of a priority document from the International Bureau (Rule 66.7(a)); however, even if, at the time of establishment of the written opinion of the ISA, a copy cannot be made available to the ISA, the written opinion will nevertheless be established on the assumption that the priority date is the relevant prior art date, except if the applicant had failed to comply with his obligations under Rule 17.1

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-145  
04.06.2018

## International preliminary report on patentability (IPRP) (Chapter I of the PCT) (Rule 44bis)

- If applicant does not file a demand for international preliminary examination:

- IB establishes the IPRP (Chapter I) on the basis of the written opinion of the ISA
- IPRP (Chapter I) and its translation
  - are sent to designated Offices
  - are made publicly available on PATENTSCOPE (but not “published” like the international application and ISR) at the expiry of 30 months from the priority date

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-146  
04.06.2018



## Use of the written opinion of the ISA for the purposes of the Chapter II procedure (Rule 66.1 *bis*)

- If applicant files a demand for international preliminary examination:
  - written opinion of the ISA becomes written opinion of the IPEA (exception: IPEA decides not to accept written opinions by certain ISAs)
  - informal comments by applicant on written opinion of ISA will not be sent to IPEA (Article 34 amendments/arguments only)
  - if an international preliminary examination report is established, any informal comments submitted to the IB will not be sent to DOs or EOs



## Objectives

- To address PCT applicants' concerns about new prior art being found once they have already incurred significant costs and entered national phase
- To reduce this risk by introducing optional supplementary searches in the PCT international phase
- To expand the scope of search in the international phase taking into account the growing linguistic diversity in prior art

## Main Features

- An optional service for applicants,
  - it is currently offered by: AT, EP, FI, RU, SE, SG, TR, UA, XN and XV
  - more Authorities are expected to offer SIS in the future
- An applicant can request supplementary search by any Authority offering this service, except the one responsible for main international search
- Each Authority determines the scope and fees for its supplementary search
- Supplementary international search (SIS) covers only one invention – there is no option for paying additional fees

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-150  
04.06.2018

## Deciding When to Use the Service (1)

- The main international search report is intended to be of a high quality, sufficient for normal purposes
- Consequently, this service need not be used for every international application, but to give extra information in some cases where the applicant believes that this additional expense in the international phase will be worthwhile
- Before requesting supplementary search, applicants should consider:
  - the main international search report
  - the commercial value of particular application
  - the number of disclosures relevant to the particular technical field which are known to be made in languages that are not a speciality of the main ISA

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-151  
04.06.2018

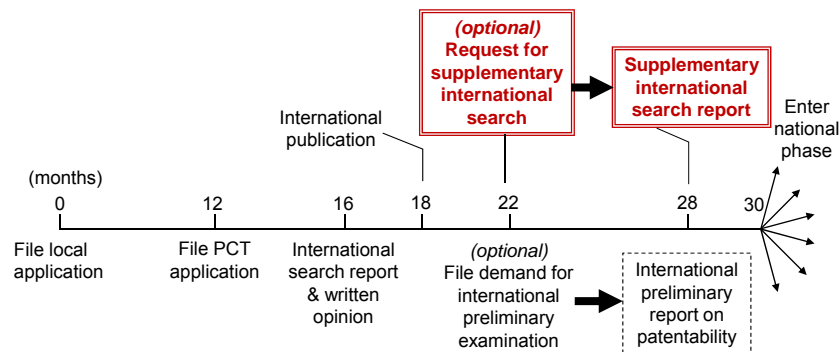
## Deciding when to Use the Service (2)

- Interest in a search being carried out by a particular International Authority (free choice of SISA)
- Interest in a search being carried out in prior art documents in a particular language
- Interest in a particular subject matter not searched by the main ISA in accordance with Article 17(2) (e.g. methods of treatment, Rule 39.1(iv))

## Timing and Fees

- The supplementary search request must be filed with the **International Bureau** within 22 months from the priority date
- Fees must be paid in **Swiss francs within 1 month** of filing the request:
  - supplementary search fee\*
  - supplementary search handling fee\*
- The Authority begins SIS on receipt of the SIS request and international search report (ISR) (at the latest at 22 months from the priority date, even if the main ISR has not yet been received)
- The SIS Report is established by 28 months from the priority date

## SIS in the PCT System



WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-154  
04.06.2018

## Supplementary Search Request (1)

- The request must be filed using the supplementary search request Form PCT/IB/375, specifying
  - which Authority is to carry out the supplementary search
  - (in certain circumstances - see Unity of Invention) which claims are to be searched
  
- The request may need to be accompanied by:
  - a translation of the international application into a language accepted by the Authority\*
  - any sequence listing in electronic format\*

\* (see *PCT Applicant's Guide*, Annex SISA)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-155  
04.06.2018

## Supplementary Search Request (2)

- There is no requirement that an agent be appointed to represent the applicant before the Authority specified for supplementary international search; applicants may, however, appoint an agent if they so wish
- A late payment fee may also apply if fees are not paid within one month and the IB issues an invitation to pay fees (Form PCT/IB/377)
- The request is considered withdrawn if the fees for supplementary search are not paid

## Unity of Invention

- Only one invention is searched – there is no option of paying additional fees for additional inventions
- Usually the first claimed invention is searched, but if the main ISA has found lack of unity of invention, the applicant may request supplementary search to focus on an invention other than the first
  - note that the Authority is not obliged to search inventions which have not been searched by the main ISA (Rule 45bis.5(d))
- The Authority is not obliged to follow the views of the main ISA on unity of invention
- A review procedure is available which is similar to the “protest” procedure for the main search

## Scope of Search (1)

- Supplementary search is carried out on the claims as filed, usually on the first claimed invention (Article 19 and 34 amendments are not taken into account)
- The Authority is not required to search:
  - subject matter which it would not normally search in accordance with Article 17(2)
  - claims which have not been searched by the main ISA
  - any international application which is subject to a limitation set out in the Agreement between WIPO and the Authority defining the scope of their service (see [www.wipo.int/pct/en/access/isa\\_ipea\\_agreements.html](http://www.wipo.int/pct/en/access/isa_ipea_agreements.html))
    - limitation of number of supplementary searches carried out
    - limitation of number of claims searched

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-158  
04.06.2018

## Scope of Search (2)

- The range of prior art to be searched is determined by the Authority
  - the search may be either a new search which takes into account all PCT minimum documentation as well as documents held in other languages by that Authority or
  - the search may be a complement to the main search, typically including a subset of language-related documentation held by that Authority

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-159  
04.06.2018

## Services currently available (1)

- SISA/AT: three search options
  - search of only the German-language documentation
  - search of only the European and North American documentation
  - search of only the PCT minimum documentation
- SISA/EP: search of the PCT minimum documentation as well as documents held in its search collection
- SISA/FI and SISA/SE: search of the PCT minimum documentation as well as documents in Danish, Finnish, Norwegian and Swedish held by the Authority

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-160  
04.06.2018

## Services currently available (2)

- SISA/RU: two search options
  - search of only the Russian language documentation and certain other patent documentation of the former Soviet Union and CIS States
  - for applications where the main ISA has made an Article 17(2)(a) declaration because of subject matter referred to in Rule 39.1(iv) (methods of treatment): the PCT minimum documentation, plus the above
- SISA/SG: search of the PCT minimum documentation as well as documents in English and Chinese held by the Authority
- SISA/TR: search of the PCT minimum documentation as well as documents in Turkish held by the Authority

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-161  
04.06.2018



## Services currently available (3)

- SISA/UA: three search options
  - search of only the PCT minimum documentation
  - search of only the Russian language documentation of the former USSR and the Ukrainian language documentation
  - search of only the European and North American documentation
- SISA/XN: search of the PCT minimum documentation, as well as documents in Danish, Icelandic, Norwegian and Swedish held by the Authority
- SISA/XV: two search options
  - search of only the documents in Czech, Hungarian, Polish and Slovak held by the Authority
  - search of the PCT minimum documentation as well as documents in Czech, Hungarian, Polish and Slovak held by the Authority

Bangkok  
presentation-162  
04.06.2018

WIPO | PCT  
The International  
Patent System

## Supplementary International Search Report

- The supplementary international search report (Form PCT/SISA/501) is very similar to the ISR, but:
  - it does not contain the classification of the international application or comments on the title and abstract
  - it need not contain citations of documents contained in the ISR unless cited in conjunction with a new reference not cited in the ISR
  - it may contain explanations regarding:
    - citations that are considered relevant (these are more detailed than references in the ISR)
    - the scope of the SIS (particularly where the ISR is late and assumptions have been made on the likely scope of main search)
- No written opinion is issued with the supplementary international search report

Bangkok  
presentation-163  
04.06.2018

WIPO | PCT  
The International  
Patent System

## Further Processing of Report

- The supplementary international search report is transmitted to the applicant and to the IB
- The IB makes the report publicly available (if the international application has been published)
- If the report is not in English, it will be translated into English by the IB
- The IB sends the report and translations, where appropriate, to the IPEA and designated Offices

## Refunds When No Search Is Carried Out

- If the Authority **commences** work, but **no** search is carried out:

- for reasons equivalent to those available for the main international search (subject matter, lack of clarity or lack of sequence listing in electronic format) or
- because the main ISA has made an Article 17(2)(a) declaration

the supplementary search fee **will not** be refunded

- because of limitations specific to the scope of the service offered by the Authority, the supplementary search request is considered not to have been submitted and

the supplementary search fee **will** be refunded



## What is a demand?

- The demand is a request for International Preliminary Examination under Chapter II of the PCT
- International Preliminary Examination is an optional procedure that provides for continued examination of the PCT application before an International Preliminary Examining Authority (IPEA)
- Filing a demand constitutes the automatic “election” of all designated PCT Contracting States

## Why file a demand? (1)

- Provides an opportunity during international preliminary examination to make amendments to the description, claims and drawings
- Can submit arguments to address patentability objections raised by the ISA
- International preliminary examination is the final opportunity to obtain a more positive patentability assessment during the international phase

## Why file a demand? (2)

- Results in the establishment of an International Preliminary Report on Patentability (Chapter II)
- Likelihood of more favorable treatment in the national phase on the basis of a positive patentability report

## Who is entitled to make a demand? (Article 31(2)(a) and Rule 54.2)

The applicant, or if there are two or more applicants, at least one of them,

- who is a resident or national of a PCT Contracting State, and
- whose international application has been filed with a receiving Office of or acting for a Contracting State (currently all States)

## The demand form

- ePCT
- Electronic filing software provided by the IPEA
- Printed demand form (PCT/IPEA/401)
- Computer-generated demand (Rule 53.1(a) and Section 102(h) and (i))
  - Same requirements regarding layout and contents as for request form

## The demand for international preliminary examination: contents (Rule 53)

- The demand must contain the following indications:
  - a petition
  - particulars enabling the international application to be identified (for example, the international application number)
  - the name of the applicant(s) under Chapter II
  - where appropriate, the name of the agent
  - the basis on which international preliminary examination should be carried out (a statement concerning amendments)
  - the language for the purposes of international preliminary examination
  - the signature of (at least one of) the applicant(s) or of the agent

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-172  
04.06.2018

## Signature of demand (Rule 53.8)

- Only the persons indicated as applicants for the States elected in the demand need to sign the demand
- If these applicants have appointed an agent or a common representative, that agent or common representative may sign
- If there is no appointed agent or common representative, it is sufficient that the demand is signed by at least one of the applicants (see Rule 60.1(a-ter))
- Note that some Authorities do not require that a separate power of attorney or a copy of a general power of attorney is furnished (Rules 90.4 and 90.5)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-173  
04.06.2018

## Where to file the demand? (Rule 59) (1)

- Directly with the competent IPEA
  - specified by the RO
  - if more than one is specified by the RO, applicant has the choice
- In making his choice, the applicant must take into account
  - the language(s) accepted by the IPEA
  - that some IPEA(s) accept only international applications which have been searched by certain ISAs (that is the case, for example, of IPEA/EP)

## Where to file the demand? (Rule 59) (2)

- If the international application was filed with IB as RO, the competent IPEAs will be those which would have been competent if the international application had been filed with (any of) the national Office(s) which, on the basis of applicant's nationality or residence, could be a competent RO
- Choice of IPEA should be indicated in the demand

## Transmittal of demand to competent IPEA (Rule 59.3)

- Where a demand is submitted to a non-competent IPEA or to a RO, an ISA or the IB, that Authority or Office must:
  - mark the date of receipt on the demand and,
  - either forward it to the IB, which will in turn transmit it to the competent IPEA (or, if more than one, to the competent IPEA chosen by the applicant)
  - or transmit it directly to the competent IPEA (or, if more than one, to the competent IPEA chosen by the applicant)
- Any demand so transmitted to the competent IPEA will be considered to have been received on behalf of that Authority on the date on which it was received by the RO, ISA or IB or the non-competent IPEA concerned

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-176  
04.06.2018

## When should a demand be filed? (Rule 54bis.1(a)) (1)

- At any time prior to the expiration of whichever of the following periods expires later:
  - 3 months from the date of transmittal of the ISR and WO of the ISA
  - 22 months from the priority date
- In respect of designated Offices for which the 20-month time limit under Article 22(1) continues to apply, prior to the expiration of 19 months from the priority date, in order to delay national phase from 20 to 30 months from the priority date
  - Only applies to LU, TZ and UG

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-177  
04.06.2018



## When should a demand be filed? (Rule 54bis.1(a)) (2)

### ■ Recommendation:

Upon receipt of the international search report and the written opinion of the ISA, evaluate the cited prior art documents and decide whether to proceed further, and if so, file the demand as soon as possible thereafter together with any amendments/arguments in light of the written opinion, thus allowing maximum time prior to issuance of international preliminary examination report (i.e, usually 28 months from the priority date)

## Defects under Chapter II (1)

- Defects whose correction results in a later filing date of the demand
  - no eligible applicant for filing the demand (Rule 54.2)
  - international application not identifiable (Rule 60.1(b))
- A demand filed after the expiration of 19 months from the priority date but within the applicable time limit under Rule 54bis.1(a), is valid but entry into the national phase will not be postponed until 30 months (Article 39(1)(a)) for LU, TZ and UG

## Defects under Chapter II (2)

- Defects which can be corrected without any adverse consequences:
  - demand not filed with a competent IPEA (Rule 59.3)
  - form of the demand (Rule 53.1)
  - indications relating to applicants and agents (Rules 53.4 and 53.5)
  - language of the demand (Rule 55.1)
  - lack of at least one signature (Rules 53.8 and 60.1(a-ter))
  - amendments under Article 34 referred to but not furnished (Rule 53.9(a)(i))

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-180  
04.06.2018

## ePCT and the filing of a demand

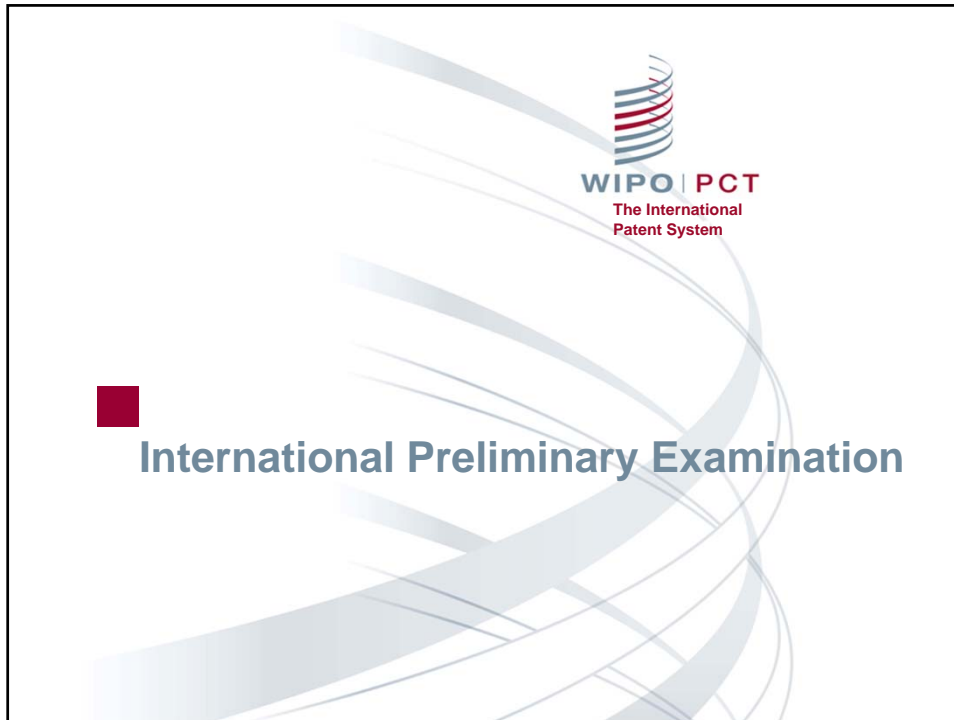
- ePCT **with** strong authentication can be used to prepare and file a demand
- Fields are automatically populated
- Automatic validations are done at the time of preparation
- All accompanying documents may be attached, e.g., Article 19 amendments, Article 34 amendments, translations, etc.
- The International Bureau automatically transmits the demand to the competent IPEA
- Fees and all subsequent correspondence are to be submitted directly to the IPEA

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-181  
04.06.2018

## Chapter II correction procedure

- Invitation by the IPEA to correct defects (Rule 60.1)
- Invitation by the IPEA to pay missing fees (Rule 58*bis*)
- Further possibilities:
  - request rectification of obvious mistakes before IPEA (Rule 91)
  - request review by and use opportunity to correct before the designated or elected Offices (Articles 25, 26 and 39(3))



## International preliminary examination (1)

- Results in the establishment by the IPEA of a non-binding opinion on
  - novelty (not anticipated) (Article 33(2) and Rule 64)
  - inventive step (not obvious) (Article 33(3) and Rule 65)
  - industrial applicability (Article 33(4))
- International preliminary examination provides an opportunity to make amendments and to address patentability issues raised by the ISA

## International Preliminary Examination (2)

- Only claims relating to the invention(s) searched by the ISA will be examined by the IPEA (Rules 66.1(e) and 66.2(a)(vi))

## Start of international preliminary examination (Rule 69.1)

- When the IPEA is in possession of:
  - the demand
  - the international search report (or the declaration under Article 17(2)(a)) and the written opinion of the ISA
  - the preliminary examination and handling fees

provided that the IPEA shall not start the international preliminary examination before the expiration of the applicable time limit under Rule 54bis.1(a) unless the applicant expressly requests an earlier start
- If the demand contains a statement about amendments, when copies of these amendments are available (see Rule 69.1(c), (d) and (e))
- If international preliminary examination is to be carried out on the basis of a translation of the international application, when that translation is available (see Rule 55.2(c))

## Finding of lack of unity of invention (Rule 68)

- Same criteria as for international search (Rule 13 and paragraphs 10.20 to 10.59 of the International Search and Preliminary Examination Guidelines)
- Invitation by the IPEA to restrict the claims or to pay additional fees (which can be paid under protest)
- Applicant can select invention as “main invention” and those inventions for which additional fees are paid

## Prior art for IPE (Rule 64.1) (1)

- What is considered prior art?

Everything made available to the public anywhere in the world by means of written disclosure (including drawings and other illustrations) provided that such making available occurred prior to the relevant date

## Prior art for IPE (Rule 64.1) (2)

### ■ What is the relevant date?

- the date of the earlier application of which priority is claimed unless the IPEA considers that the priority claim is not valid for reasons other than the fact that the international filing date is later than the date on which the priority period expired, but is within two months from that date; or
- the international filing date of the international application in all other cases

## Mandatory top-up search (Rule 66.1 *ter*)

- Aims at uncovering any prior art not available at the time when the ISR was established, in particular “secret” prior art (patent applications published on or after the date of establishment of the ISR but which have an earlier priority date)
- Exceptions:
  - Only in respect of claims for which the IPEA establishes an IPRP Chapter II
  - Where a search would serve no useful purpose, e.g. where the IPEA considers that the documents cited in the ISR are sufficient to demonstrate lack of novelty of the entire subject matter

## Written opinion of IPEA (Rules 66.2 and 66.6)

- The written opinion of the ISA is considered to be the written opinion of the IPEA (exception: IPEA decides not to accept written opinions by certain other ISAs)
- Where the written opinion of the ISA is taken as the written opinion of the IPEA, no second written opinion has to be issued
- If a second written opinion is issued, the applicant may respond within the time limit fixed in that second written opinion
- Possibility to request an interview with the examiner at the IPEA (Rule 66.6)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-191  
04.06.2018

## The international preliminary report on patentability (Chapter II) (1)

- Must be established by the IPEA within:
  - 28 months from the priority date
  - 6 months from the time provided under Rule 69.1 for the start of the international preliminary examination
  - 6 months from date of receipt by IPEA of translation under Rule 55.2,
 whichever expires last (Rule 69.2)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-192  
04.06.2018



## The international preliminary report on patentability (Chapter II) (2)

- May contain “annexes” (Rule 70.16):
  - replacement sheets containing amendments under Art. 19 or Art. 34 and any letter indicating the basis for the amendments
  - replacement sheets containing rectifications of obvious mistakes authorized under Rule 91 by the IPEA and accompanying letter
  - when referred to in the report, any sheet and letter concerning the rectification of an obvious mistake which has not been taken into account because it was not available in time (Rule 66.4*bis*)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-193  
04.06.2018

## The international preliminary report on patentability (Chapter II) (3)

- May contain “annexes” (Rule 70.16):
  - earlier amendments when later amendments are not used as a basis for the report because they are
    - considered to go beyond the disclosure in the international application or
    - not accompanied by a letter indicating the basis for the amendments
- Not annexed to the report: any other correspondence or copies of amendments superseded by later amendments

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-194  
04.06.2018

## The international preliminary report on patentability (Chapter II) (4)

- No provisions for appeal or further proceedings during the international phase before the International Authorities
- Sent to the applicant and the IB (Rule 71.1)
- IB forwards copies of the report, and any required translation of the report into English (prepared by the IB), to the elected Offices (Article 36(3)(a) and Rule 72.1)
- The annexes are not translated by the IB (Article 36(3)(b))

## The international preliminary report on patentability (Chapter II) (5)

- Calls attention to:
  - non-written disclosures (see Rules 64.2 and 70.9)
  - certain published documents (see Rules 64.3 and 70.10)
- Shall cite (Rule 70.7):
  - all documents considered to be relevant for supporting statements made concerning claims
  - documents whether or not they are cited in the ISR
  - documents cited in the ISR when the IPEA considers them relevant

## Reasons for delays in international preliminary examination (1)

### ■ On the part of the applicant:

- late payment of fee(s)
- late correction of defects in the demand
- incomplete statement, in the demand, concerning amendments
- failure to attach amendments referred to in the statement
- late furnishing of any required translation of the international application or of amendments
- late response to invitation to pay additional examination fees in case of finding of lack of unity
- late response to written opinion
- failure to file replacement sheets containing amendments

Bangkok  
presentation-197  
04.06.2018

WIPO | PCT  
The International  
Patent System

## Reasons for delays in international preliminary examination (2)

### ■ On the part of the ISA:

- late issuance of international search report

### ■ On the part of the IPEA:

- finding of lack of unity
- late issuance of written opinion

Bangkok  
presentation-198  
04.06.2018

WIPO | PCT  
The International  
Patent System



## Requirement of unity of invention (Rule 13)

- An international application must relate to
  - one invention only or,
    - if there is more than one invention, those inventions must be so linked as to form a single general inventive concept (Rule 13.1).
- Inventions are considered linked so as to form a single general inventive concept only when there is a technical relationship involving one or more of the same or corresponding “special technical features”.
- The expression “special technical features” means those technical features that define a contribution which each of the inventions, considered as a whole, makes over the prior art (Rule 13.2).

(For further details and examples, see paragraphs 10.20 to 10.59 of the International Search and Preliminary Examination Guidelines)

## Lack of unity of invention before ISA (1) (Article 17(3) and Rule 40)

- Where there are several inventions, the first claimed invention (“main invention”) is always searched; further inventions are searched only if additional search fees are paid.
- The ISA will:
  - specify the reasons for the finding of lack of unity of invention (ISA/EP will send together with this notification the results of a partial search on the main invention); and
  - invite the applicant to pay, within one month from the date of the invitation, additional search fees and, if the applicant wishes to pay the additional fees under protest, a protest fee where applicable

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-201  
04.06.2018

## Lack of unity of invention before ISA (2) (Article 17(3) and Rule 40)

- Failure to pay additional fees does not affect the application; however, the additional inventions will not be searched and the written opinion will not contain a preliminary opinion on the unsearched claims; subsequently, the claims relating to unsearched inventions need not be examined by the IPEA
- No provisions for filing divisional applications during the international phase. This may only be done in the national phase before certain DOs (refer to applicable national law)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-202  
04.06.2018

## Protest procedure before the ISA (1) (Rule 40.2)

- If the applicant pays any or all additional fees under protest, the ISA carries out the search on the additional inventions and, in parallel, reviews the invitation to pay additional fees
- Depending on the ISA, the review may be subject to the payment of a protest fee
- If, upon review, the ISA concludes that the protest was justified, the additional search fees paid will be refunded either totally or partially; the protest fee will only be refunded if the ISA finds that the protest was entirely justified

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-203  
04.06.2018

## Protest procedure before the ISA (2) (Rule 40.2)

- If, upon review, the ISA concludes that the invitation was justified, the protest is denied. The applicant will be given detailed reasons for the denial.
- The applicant may request that the text of the protest and the decision thereon be notified to the designated Offices. (Attention: the designated Offices may require that the applicant furnish a translation thereof)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-204  
04.06.2018

## Lack of unity of invention before IPEA (Article 34(3)(a) and Rule 68)

- Unity of invention based on same criteria as for international search (Rules 13 and 68)
- If IPEA considers there is lack of unity of invention, it invites the applicant to restrict the claims or pay additional examination fees
- Applicant can select part of the application to be examined as “main invention” and for which additional fees are paid
- Payment of additional fees may be made under protest, subject to the payment of a protest fee
- Decision on protest made in same manner as for international search

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-205  
04.06.2018

## Protest procedure before the IPEA (1) (Rule 68.3)

- If the applicant pays any or all additional fees under protest, the IPEA carries out the international preliminary examination on the additional inventions and, in parallel, reviews the invitation to pay additional fees.
- Depending on the IPEA, the review may be subject to the payment of a protest fee.
- If, upon review, the IPEA concludes that the protest was justified, the additional examination fees concerned will be refunded either totally or partially; the protest fee will only be refunded if the IPEA finds that the protest was entirely justified.

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-206  
04.06.2018

## Protest procedure before the IPEA (2) (Rule 68.3)

- If, upon review, the IPEA concludes that the invitation was justified, the protest is denied. The applicant will be given detailed reasons for the denial.
- The applicant may request that the text of the protest and the decision thereon be notified to the elected Offices as an annex to the international preliminary examination report. (Attention: the elected Offices may require that the applicant furnish a translation thereof)





## General responsibilities under the PCT (1)

- International coordination of the PCT system
- Assistance to Contracting States (which have already joined the PCT or which have shown interest in doing so) and their national/regional Offices
  - advice on how to implement the PCT into national law
  - advice on how to set up internal procedures for dealing with PCT applications, including receiving Office training

## General responsibilities under the PCT (2)

- Dissemination of information about the PCT system
  - *PCT Applicant's Guide*
  - *PCT Newsletter*
  - Official Notices
  - List server messages, etc.
  - PCT's website
- PCT Seminars and training courses
- Receiving Office for applicants from all Contracting States

## Responsibilities related to international applications (1)

- Performs a second formalities review of record copies of international applications
- Publishes international applications
- Receives and publishes Article 19 amendments
- Communicates copies of international applications, international search reports and related documents to designated Offices

## Responsibilities related to international applications (2)

- Records changes under Rule 92*bis* in the indications related to applicants, inventors and agents
- Receives and reviews requests and collects fees for supplementary international search (SIS)
- Transmits SIS requests to the SISA concerned
- Performs second formalities review of demands

## Responsibilities related to international applications (3)

- Communicates international preliminary reports on patentability (Ch.I or Ch.II) to DOs/EOs
- Translates titles and abstracts (into English and French), international search reports (into English, if necessary) and international preliminary reports on patentability (Ch.I or Ch.II) (into English, if necessary)



## International publication (1) (Article 21 and Rule 48)

### ■ When?

Promptly after 18 months from priority date on the Internet  
(<https://patentscope.wipo.int>)

### ■ Publication languages:

- Arabic, Chinese, English, French, German, Japanese, Korean, Portuguese, Russian or Spanish
- title, abstract and search report always (also) in English

### ■ Contents of published international application

- always:
  - front page with bibliographic data and abstract
  - description, claims, and drawings, if any
  - international search report

## International publication (2) (Article 21 and Rule 48)

### □ where applicable:

- amended claims (and any statement) under Article 19
- any declaration referred to in Rule 4.17 (Rule 48.2(a)(x))
- any relevant data concerning deposited biological material furnished under Rule 13*bis* (Rule 48.2(a)(viii))
- information regarding requests for restoration of right of priority (Rule 48.2(a)(xi))
- statement concerning authorized requests for rectification of obvious mistakes received after publication (Rule 48.2(i))
- information about a priority claim considered not to have been made (Rule 26*bis*.2(d))

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-216  
04.06.2018

## International publication (3) (Article 21 and Rule 48)

### □ upon applicant's request\*:

- information about the applicant's wish to correct or add a priority claim after the expiration of the time limit under Rule 26*bis*.1(a) (Rule 26*bis*.2(e))
- refused request for rectification of an obvious mistake (Rule 91.3(d))

\* See Annex B2/IB of the *PCT Applicant's Guide* for applicable fee

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-217  
04.06.2018

## International publication (4) (Article 21 and Rule 48)

- Omission of certain information from international publication (Rule 48.2)
  - Reasoned request by the applicant to the IB
    - Accompanied by replacement sheets and letter drawing attention to the differences between the replaced and the replacement sheet
  - Time limit for a request under Rule 48.2:
    - Completion of technical preparations for international publication
  - Information qualifies for omission from publication, if
    - it does not obviously serve the purpose of informing the public about the international application,
    - publication of such information would clearly prejudice the personal or economic interests of any person, and
    - there is no prevailing public interest to have access to that information

Bangkok  
presentation-218  
04.06.2018

WIPO | PCT  
The International  
Patent System

## International publication (5) (Article 21 and Rule 48)

- Omission of certain information from international publication (Rule 48.2) (*continued*)
  - RO, ISA, SISA or IB may draw the applicant's attention to information which it believes would qualify for omission from international publication under Rule 48, and suggest to the applicant to make a request under Rule 48
  - If the IB grants a request under Rule 48, it also informs all Offices and Authorities which have that information in their files not to give access to that information either

Bangkok  
presentation-219  
04.06.2018

WIPO | PCT  
The International  
Patent System

## Communication of published international applications (Article 20 and Rule 47)

- Paper copies of published international applications are only sent to the applicant upon specific request
- Communicated to DOs by IB
- Notice of communication of the international application sent by IB to DOs serves as conclusive evidence of receipt of the application by DOs (Rule 47.1(c-bis), Form PCT/IB/308 (First Notice) for DOs which do not yet apply modified Article 22(1) and Form PCT/IB/308 (Second and Supplementary Notice) for all other DOs)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-220  
04.06.2018

## Early publication (Article 21(2)(b) and Rule 48.4(a))

- Upon express request by applicant
- If international search report available, no fee required
- If international search report not yet available: see the *PCT Applicant's Guide* International Phase, General Information (Annex B2/IB) for applicable fee

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-221  
04.06.2018

## Form of publication

- Published international applications are available at <https://patentscope.wipo.int/search/en/structuredSearch.jsf>
- Official notices (PCT Gazette) are available at [www.wipo.int/pct/en/official\\_notices](http://www.wipo.int/pct/en/official_notices)

## Frequency of international publication

- International publication of international applications and publication of the Official Notices takes place every Thursday,
  - except where that Thursday is a day on which the International Bureau is not open for official business, for example, Ascension Day or the Thursday that follows the first Sunday of September and certain Thursdays in the Christmas/New Year period.
- In such cases, inquire at the International Bureau as to what will be the publication date (possibly, but not always, the preceding Wednesday).



## Technical preparations for international publication

- The technical preparations for international publication are normally completed 15 calendar days before the actual publication date

For example: if the publication date is: Thursday, *18 January 2018*, technical preparations are completed on Wednesday, *3 January 2018*

Consequently, any document that reaches the International Bureau on Tuesday, *2 January 2018*, is still taken into account for international publication (for example, change of name or address, amendment of the claims under Article 19, withdrawal of the international application or of a designation or of a priority claim)

- Technical preparations may be completed more than 15 days before the publication date where that publication date is not the “usual” Thursday because the International Bureau is not open for business or where there are a number of official holidays falling within that 15-day period. If in doubt, inquire at the International Bureau as to what will be the date of completion of technical preparations

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-224  
04.06.2018

## Effects of international publication

- The PCT published application becomes part of the prior art as of its international publication date (Rule 34.1(b)(ii))
- International publication entitles PCT applicants to provisional protection in the designated States, if such protection is granted for published national applications (Article 29)
  - Such protection may be made conditional
    - on the furnishing of a translation (which may be of the claims only)
    - on receipt by the designated Office of a copy of the international application as published under the PCT, and/or
    - in the case of early publication under Article 21(2)(b), on the expiration of 18 months from the priority date
  - For further information on the specific requirements of a given Office, see the *PCT Applicant's Guide*, International Phase, General Information (Annexes B1 and B2)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-225  
04.06.2018

## Preventing publication of the international application (Rule 90*bis*.1(c)) (1)

- How: by withdrawing the international application
- When: before completion of the technical preparations for international publication
- The notice of withdrawal must:
  - be made in writing (use of Form PCT/IB/372 recommended)
  - be signed by all the applicants or on their behalf (by the appointed common agent or the appointed common representative), and
  - reach the International Bureau before completion of the technical preparations for publication

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-226  
04.06.2018

## Preventing publication of the international application (Rule 90*bis*.1(c)) (2)

- Safeguard: the withdrawal should be made conditional on its being received by the International Bureau on time to prevent publication
- Consequence: the international application will not be published and will cease to have effect

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-227  
04.06.2018

## Postponing publication of the international application (Rule 90bis.3(d) and (e)) (1)

- How: by withdrawing the (earliest) priority claim
- When: before completion of the technical preparations for international publication
- The notice of withdrawal must:
  - be made in writing (use of Form PCT/IB/372 recommended)
  - be signed by all the applicants or on their behalf (by the appointed common agent or the appointed common representative), and
  - reach the International Bureau before completion of the technical preparations for publication

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-228  
04.06.2018

## Postponing publication of the international application (Rule 90bis.3(d) and (e)) (2)

- Safeguard: the withdrawal should be made conditional on its being received by the International Bureau on time to postpone publication
- Consequences: all time limits computed on the basis of the priority date which have not yet expired are recalculated on the basis of any remaining priority date or the international filing date, in particular for:
  - international publication
  - filing of demand
  - entry into the national phase

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-229  
04.06.2018



## Access to File

- General principles
- Access to files held by Offices and Authorities

### General principles

- The RO, ISA, IPEA, DO, EO and the IB all maintain their own files related to the international application
- Applicant or any person authorized by the applicant always has access to the international application file
- International applications are confidential in relation to third parties and other Offices until international publication
- DOs have access to documents in the IB file insofar as they relate to the Chapter I procedure
- EOs, in addition, have full access to IPEA file once the IPRP Chapter II is established

## Access to files held by the IB (1)

- Before publication of the IA: Only applicant or any person authorized by the applicant has access to the full file content (preferably via ePCT **with** strong authentication)
- All published PCT applications are available on PATENTSCOPE

## Access to files held by the IB (2)

- For access to other documents in the file of the IB by third parties after publication:
  - International applications filed after 1 January 2009:
    - The entire publicly available file content is on PATENTSCOPE
  - International applications filed on or after 1 July 1998 and before 1 January 2009:
    - Certain documents are available on PATENTSCOPE
    - Some documents are available in paper form only and are made available upon request against payment of a fee
  - International applications filed before 1 July 1998:  
No access to file content

## Access to files held by the IB (3)

### ■ Restrictions:

- Copies of the IPRP (Chapter I or II) or any translation thereof are only made publicly available on PATENTSCOPE after 30 months from the priority date
- No access:
  - Any document in the file relating to the Chapter II procedure (such as demand, written opinion by the IPEA, etc.), except for the IPRP Chapter II
  - Purely internal documents and communications between Offices
  - Information that has been omitted from publication under Rule 48.2(I)
  - Information that has been omitted from the file held by the IB under Rule 94.1(e)

Bangkok  
presentation-234  
04.06.2018

WIPO PCT  
The International  
Patent System

## Access to files held by the IB (4)

### ■ Requirements to omit certain information from public file access under Rule 94.1(e)

- Reasoned request by the applicant to the IB
- Accompanied by replacement sheets and letter drawing attention to the differences between the replaced and the replacement sheet (where applicable)
- Time limit for a request under Rule 94.1: any time
- Information qualifies for omission from public file access , if
  - it does not obviously serve the purpose of informing the public about the international application,
  - public access to such information would clearly prejudice the personal or economic interests of any person, and
  - there is no prevailing public interest to have access to that information

Bangkok  
presentation-235  
04.06.2018

WIPO PCT  
The International  
Patent System

## Access to files held by the IB (5)

- Requirements to omit certain information from public file access under Rule 94.1(e) (*continued*):
  - IB may also draw the applicant's attention to information which it believes could qualify for omission from public file access under Rule 94.1(e), and suggest to the applicant to make a request under Rule 94.1(e)
  - Where the IB grants a request under Rule 94.1(e), it also informs all Offices and Authorities which have that information in their files not to give access to that information either
  - Whether or not a request to omit certain information is granted, the request to omit such information in any document part of that request will not be made publicly available by the IB

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-236  
04.06.2018

## How to obtain third party access to files held by the IB (1)

- PATENTSCOPE (<https://patentscope.wipo.int>)
  - Access to published international applications, the latest bibliographic data, certain documents and forms
  - Details on the availability of documents can be found by clicking on "data coverage" under the "help" tab

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-237  
04.06.2018

## How to obtain third party access to files held by the IB (2)

- By email to [pct.infoline@wipo.int](mailto:pct.infoline@wipo.int) or by fax\* to the PCT Legal Division at (41 22) 910 00 30
  - Paper copies of documents are sent, subject to reimbursement of the cost
  - Information on the cost of the service is available at: [www.wipo.int/pct/guide/en/gdvol1/annexes/annexb2/ax\\_b\\_ib.pdf](http://www.wipo.int/pct/guide/en/gdvol1/annexes/annexb2/ax_b_ib.pdf)
  - Invoice sent separately once the documents are mailed

\* Note: Fax transmissions no longer recommended since January 1, 2018

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-238  
04.06.2018

## Access to files held by RO/ISA/IPEA (1)

- Before publication of the IA: Only applicant or any person authorized by the applicant has access to documents in the file of the RO, ISA or IPEA
- After publication, and only if provided for by the applicable national law:
  - Documents in the file of the RO:
    - Third parties have access to any document in the file (Article 30(3)), with the exception of any information that has been omitted from publication or public file access by the IB

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-239  
04.06.2018



## Access to files held by RO/ISA/IPEA (2)

- After publication, and only if provided for by the applicable national law:
  - Documents in the file of the ISA and SISA:
    - Third parties have access to any document in the file (Article 30(1)) (also to the written opinion and any informal comments by the applicant for international applications filed on or after 1 July 2014), with the exception of any information that has been omitted from publication or public file access by the IB

## Access to files held by RO/ISA/IPEA (3)

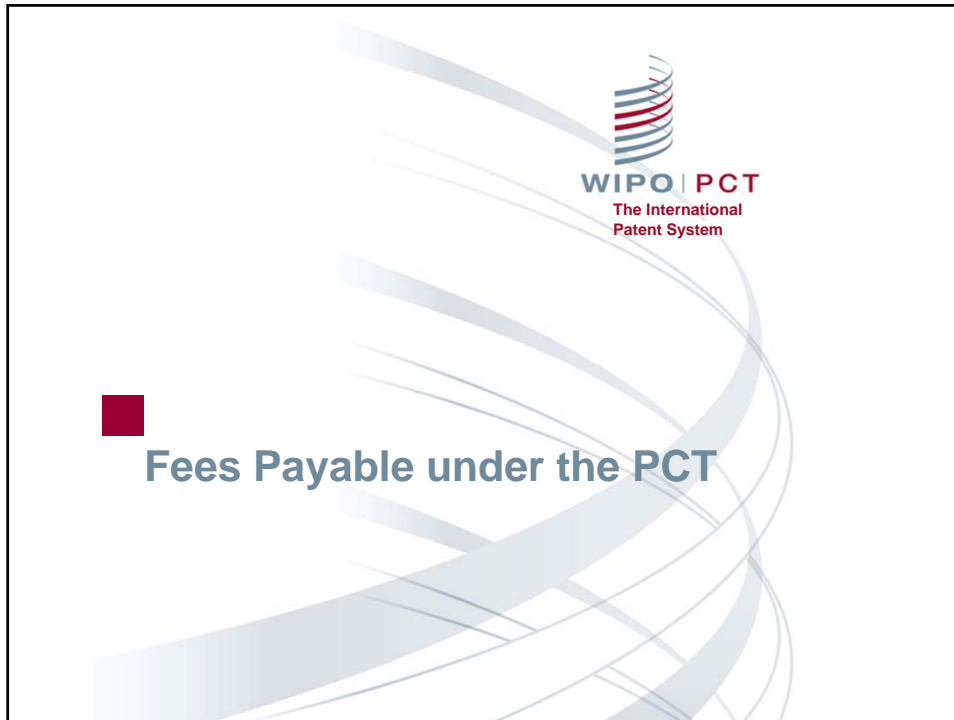
- Documents in the file of the IPEA:
  - EOs: Access to any document after the establishment of the IPRP Chapter II, with the exception of any information that has been omitted from publication or public file access by the IB
  - Third parties: No access (Article 38)

## Access to files held by DO/EO (1)

- Before publication of the IA: Only applicant or any person authorized by the applicant has access to documents in the file of the DO or EO
- After publication, and only if provided for by the applicable national law:
  - Documents in the file of the DO:
    - Third parties have access to any document after receipt of a copy of the international application by the DO (Article 30)

## Access to files held by DO/EO (2)

- After publication, and only if provided for by the applicable national law:
  - Documents in the file of the EO:
    - International applications filed on or after 1 July 1998:
      - Third parties have access to any document after receipt of a copy of the international application by the EO (Article 30)
    - International applications filed before 1 July 1998:
      - Third parties have access to any document relating to the Chapter I procedure, but generally not to the documents relating to the Chapter II procedure



## Fees payable to the receiving Office (RO)

- **transmittal fee**
- **international filing fee** (for IB)
- **search fee** (for ISA)
- **supplement per sheet in excess of 30** (for IB)
- *fee for priority document*
- *late payment fee*
- *late furnishing fee (translation of international application)*
- *fee for requesting restoration of the right of priority*
- *fee for copies of documents*

(Fees indicated in italics are payable only in certain circumstances)

## Fees payable to the International Searching Authority (ISA)

- *additional search fee*
- *protest fee (where applicable)*
- *fee for copies of documents*
- *late furnishing fee (furnishing of a sequence listing)*

*(Fees indicated in italics are payable only in certain circumstances)*

## Fees payable to the International Bureau (IB)

- *fee for early publication (before issuance of ISR)*
- *fee for publication of refused request for rectification of obvious mistake*
- *fee for publication of late request for correction/addition of priority claim*
- *fee for copies of documents*
- *supplementary search fee (for the SISA)*
- *supplementary search handling fee*

*(Fees indicated in italics are payable only in certain circumstances)*

## PCT fees payable to the International Preliminary Examining Authority (IPEA)

- **preliminary examination fee**
- **handling fee** (for IB)
- *late payment fee*
- *additional examination fee*
- *protest fee (where applicable)*
- *fee for copies of documents*
- *late furnishing fee (furnishing of a sequence listing)*

*(Fees indicated in italics are payable only in certain circumstances)*

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-248  
04.06.2018

## Fees not payable during international phase

Under the PCT, there is:

- no fee for requesting extension of time to correct certain formal defects
- no claims fee (at the time of filing of the international application or during the international phase, if claims are added)
- no fee for late response to certain communication (for example, invitation to correct or written opinion)
- no fee for filing a request for rectification of an obvious mistake under Rule 91
- no fee for requesting a change in the indications concerning the applicant, inventor, etc. under Rule 92*bis*

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-249  
04.06.2018

## Time limits for payment of fees (1)

### ■ Chapter I:

- transmittal fee, international filing fee, search fee: one month from the date of receipt of the international application by the RO (Rules 14.1(c), 15.4 and 16.1(f))
- special provisions for cases where the international application is transmitted to RO/IB under Rule 19.4 (Rule 19.4(c))

## Time limits for payment of fees (2)

### ■ Chapter II:

- preliminary examination fee and handling fee: one month from the date of receipt of the demand by the IPEA or 22 months from the priority date, whichever expires later (Rules 57.3 and 58.1(b))
- special provisions for cases where the demand is transmitted to the competent IPEA under Rule 59.3 (Rules 57.3 and 58.1(b))

## Safeguards in respect of payment of fees

- In respect of the transmittal, international filing and search fees payable to the receiving Office (Rule 16*bis*.1(d))
- In respect of the handling and preliminary examination fees payable to the IPEA (Rule 58*bis*.1(d))
- If fees concerned are paid after the expiration of the applicable time limit(s) but before any further action is taken by the Office or Authority concerned, the fees are considered to have been paid within the applicable time limit(s)

## Invitation to pay missing fees (Chapter I) (Rule 16*bis*)

- If the fees due (i.e., transmittal fee, search fee, international filing fee) are not paid within the applicable time limit(s):
  - the RO invites the applicant to pay to it the missing fees within one month from the date of the invitation; and
  - the RO may require a late payment fee of 50% of the missing amount (minimum: transmittal fee; maximum: 50% of the international filing fee)
- The RO will not transmit the search copy to the ISA until the search fee is paid (Rule 23.1(a))
- Consequence in case of non-payment:
  - the international application will be considered withdrawn by the RO

## Invitation to pay missing fees (Chapter II) (Rule 58*bis*)

- If the fees due (i.e., preliminary examination fee and handling fee) are not paid within the applicable time limit:
  - the IPEA invites the applicant to pay to it the missing fees within one month from the date of the invitation; and
  - the IPEA may require a late payment fee of 50% of the missing amount (minimum: handling fee; maximum: double the amount of the handling fee)
- Examination will not start until the fees are paid (Rule 69.1(a)(ii))
- Consequence in case of non-payment:

If the amount paid is not sufficient to cover the examination fee, the handling fee and, where applicable, the late payment fee, the demand will be considered by the IPEA as if it had not been submitted and the IPEA will so declare

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-254  
04.06.2018

## Refund of fees by the receiving Office (Rules 15.4 and 16.2)

- If no international filing date is accorded, or, due to prescriptions concerning national security, the international application is not treated as such: . . . . . international filing and search fee
- If the international application is withdrawn or considered withdrawn:
  - before transmittal of the record copy to the IB: . . . . . international filing fee
  - before transmittal of the search copy to the ISA: . . . . . search fee
- For the other fees (e.g. transmittal fee) or when outside of the time limits indicated, certain fees may be refunded under certain circumstances. Check with the competent Office or Authority

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-255  
04.06.2018



## Refund of fees by the IPEA

- Handling fee: full refund (Rule 57.4)
  - if demand withdrawn before having been sent by the IPEA to the IB
  - if demand considered, under Rule 54.4, not to have been submitted
- Preliminary examination fee: refund of up to 100%, depending on circumstances and IPEA
  - where demand considered as if it had not been submitted (Rule 58.3)
  - where demand withdrawn before start of international preliminary examination (Agreement between IPEA and IB of WIPO); see the *PCT Applicant's Guide*, International Phase, International Preliminary Examining Authorities (Annex E) for details

WIPO | PCT  
The International  
Patent System


Bangkok  
presentation-256  
04.06.2018

## Warning – fraudulent requests for payment of registration fees

- PCT applicants and agents are receiving invitations to pay fees that do not come from the IB and are unrelated to the processing of international applications under the PCT
- Whatever registration services might be offered in such invitations, they bear no connection to WIPO or to any of its official publications
- The services offered do not give applicants any added value, since they are provided by the IB for no additional charge (<https://patentscope.wipo.int>)
- Examples of such misleading invitations can be viewed on our website at the following link:  
[http://www.wipo.int/pct/en/warning/pct\\_warning.htm](http://www.wipo.int/pct/en/warning/pct_warning.htm)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-257  
04.06.2018



## Amendments under the PCT

- Amendments under Article 19
- Amendments under Article 34
- How to make amendments
- Amendments upon National Phase Entry

## Amendments under Article 19 (Rule 46) (1)

- One opportunity to amend the claims only after receipt of the international search report and written opinion of the ISA
- Amended claims must not go beyond disclosure of the international application as filed (Article 19(2)) (compliance with that requirement is, however, not checked at this point)
- Amended claims may be accompanied by a statement (Article 19(1), Rule 46.4)
- Normally must be filed within two months from the date of transmittal of the international search report and written opinion of the ISA (Rule 46.1)

## Amendments under Article 19 (Rule 46) (2)

- Filed directly with the IB (Rule 46.2)
- Generally used to better define provisional protection, where available
- Published as part of the international application at 18 months, together with the claims as originally filed (Rule 48.2(f))

## Amendments under Article 34 (Rules 53.9 and 66.3 to 66.9) (1)

- Description, claims and drawings may be amended in connection with the international preliminary examination under Chapter II
- They should be filed
  - together with the demand for international preliminary examination so that examination will be based on the application as amended (Rule 53.9); or
  - at least before the expiration of the time limit to file a demand (Rule 54*bis*.1(a))
- Attention: amendments need not be taken into account by the examiner if they are received after he has begun to draw up another written opinion or the report (Rule 66.4*bis*)

## Amendments under Article 34 (Rules 53.9 and 66.3 to 66.9) (2)

- Amendments shall not go beyond the disclosure of the international application as filed (Article 34(2)(b))
- If an amendment goes beyond the disclosure in the international application as filed, the international preliminary examination report shall be established as if that amendment had not been made, and the report shall so indicate
- The report shall also indicate the reasons why the amendment is considered to go beyond the disclosure in the international application as filed (Rule 70.2(c))

## Comparison between types of amendments during international phase

### Chapter I (Article 19)

- have effect in all DOs
- claims only
- filed upon receipt of the ISR and written opinion of ISA
- filed directly with IB (not ISA)
- formality examination by IB
- published as part of the international application by IB
- serve as basis for examination by IPEA unless reversed

### Chapter II (Article 34)

- have effect in all EOs
- description, claims, drawings
- filed best together with the demand, or during examination by IPEA
- filed directly with IPEA
- formality and substantive examination by IPEA
- are confidential between IPEA and the applicant, are not published during the international phase
- serve as basis for examination by IPEA unless superseded

## How to make amendments (Rules 46.5 and 66.8)

- Where claims are amended under Article 19 or 34, they have to be presented in the form of replacement sheets containing a complete set of claims
- Applicants must indicate the basis for the amendments in the application as filed, otherwise the IPRP (Ch.II) may be established as if the amendments had not been made
- In case of cancelation of certain claims, no renumbering of the remaining claims is required
- An accompanying letter explaining what has been amended is required
- Further details: Administrative Instructions Section 205

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-264  
04.06.2018

## Replacement sheets for amendments under Article 19

- May not be filed with the receiving Office
- Must be filed directly with the IB preferably using ePCT
- Requests for rectification of obvious mistakes (Rule 91) are to be distinguished from Article 19 amendments and are sent directly to the ISA

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-265  
04.06.2018

## Replacement sheets containing amendments under Article 34

- Can be filed in ePCT when preparing the demand
- Otherwise, must be filed directly with the competent IPEA
- Requests for rectification of obvious mistakes (Rule 91) are to be distinguished from Article 34 amendments

## Amendments upon entry into the national phase (Articles 28 and 41 and Rules 52 and 78)

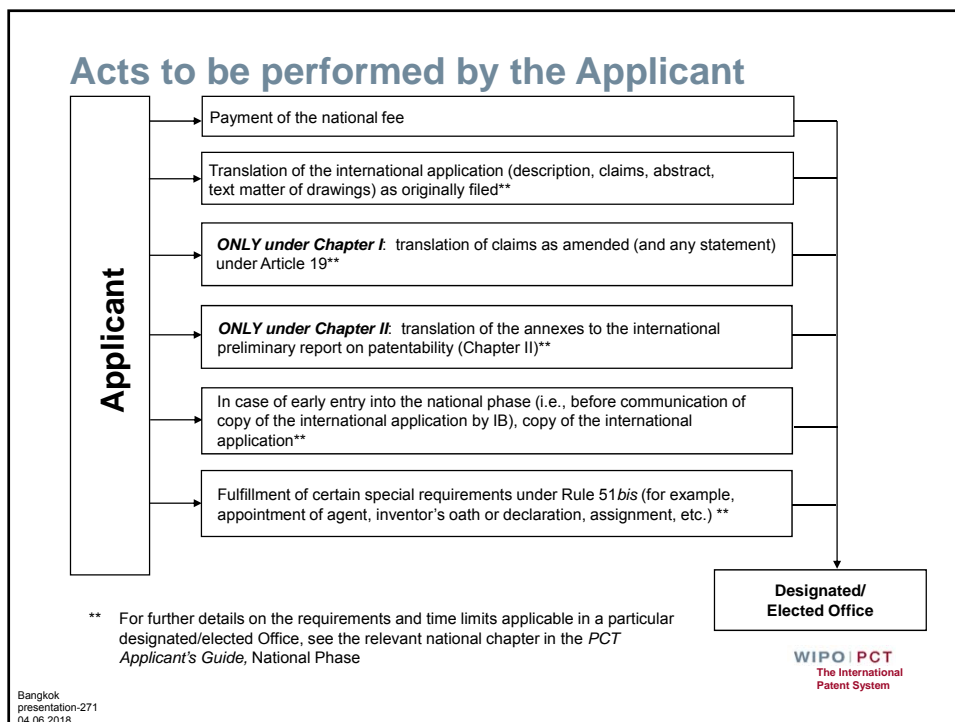
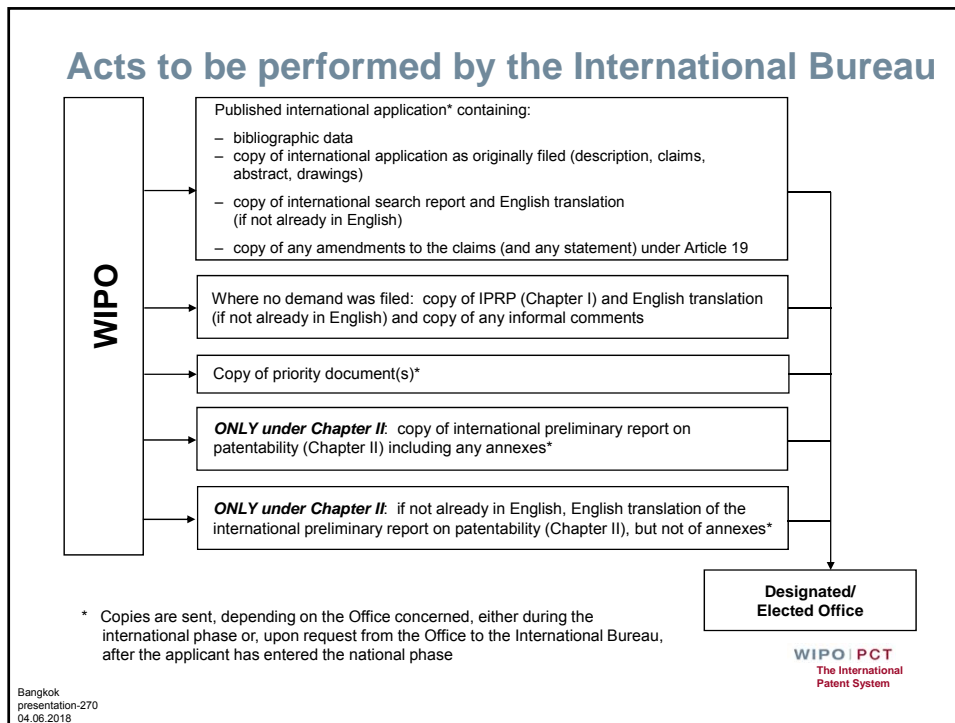
- Description, claims and drawings may be amended
- Time limit = normally at least one month from the date of fulfillment of the requirements for entry into the national phase (i.e. not from the time limit under Article 22 or 39(1))
- Any later time limits under the national law apply
- Different amendments possible for different DOs and EOs
- Generally, any claims fee due for the national phase will be calculated on the basis of the number of claims valid at the time of entry into the national phase



## Decisions to be taken by the applicant

- Whether
  - to proceed with or drop the international application ?
- When
  - at the end of 30 months (in some cases 31 months or more)
    - under Chapter I ?\*
    - under Chapter II ?
  - early entry ?
- Where (choice limited to designated/elected Offices)
  - which national Offices
  - which regional Offices

\* LU, TZ and UG continue to apply a 20-month time limit





## Time limit for entry in the national phase

The time limit applies irrespective of possible delays in the international phase due to:

- late international search report and written opinion of the ISA
- international preliminary examination delayed
- late international preliminary report on patentability (Chapter II)
- late translation of international preliminary report on patentability (Chapter II)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-272  
04.06.2018

## General national requirements Art. 22(1) and 39(1)(a)

- Requirements:
  - Translation, if applicable
  - Payment of national fee
  - Copy of international application in particular circumstances only
- Time limit under Art. 22(1): 30 months from the priority date
  - For additional time, see PCT Applicant's Guide, national phase summaries
  - For exceptions, see [www.wipo.int/pct/en/texts/reservations/res\\_incomp.html](http://www.wipo.int/pct/en/texts/reservations/res_incomp.html)
- Time limit under Art. 39(1)(a): 30 months from the priority date
  - For additional time, see PCT Applicant's Guide, national phase summaries

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-273  
04.06.2018

## Special national requirements (Art. 27 and Rule 51*bis*.1)

- Time limit under Rule 51*bis*.3:
  - If requirements are not fulfilled within the time limit for entry into national phase under Art. 22 or 39:
    - Invitation by DO
    - At least 2 months from the invitation

## Examples of special requirements under Rule 51*bis*.1 (1)

- Oath or declaration by the inventor (US only):

Where the corresponding declaration has been furnished during the international phase or directly to the DO/EO, no documents or evidence as to that matter may be required by DO/EO/US unless that Office may reasonably doubt the veracity of the declaration
- Assignment documents (of the priority rights or of the application):

Where the corresponding declaration has been furnished during the international phase or directly to the DO/EO, no documents or evidence as to that matter may be required by the DO/EO unless that Office may reasonably doubt the veracity of the declaration

## Examples of special requirements under Rule 51 *bis*.1 (2)

- Translation of the priority document may only be required (Rule 51 *bis*.1(e)):
  - where the validity of the priority is relevant to the determination whether the invention is patentable
  - in cases of incorporation by reference
- Appointment of local agent and submission of power of attorney
- Translation or other documents relating to the international application in more than one copy
- Certified translation of the international application (only where the Office may reasonably doubt the accuracy of the translation)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-276  
04.06.2018

## National requirements simplified for PCT applications (1)

- Priority document
  - The applicant does not need to furnish the priority document since the IB transmits copies to the DO/EOs
  - If the DO/EO did not receive a copy of the priority document from the IB, it must request a copy from the IB (not from the applicant)
- Drawings
  - If the drawings do not contain any text matter to be translated, a simple copy of the drawings as filed is required by a few DOs
  - If the drawings contain text matter to be translated, a set of drawings containing the translated text matter needs to be furnished

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-277  
04.06.2018

## National requirements simplified for PCT applications (2)

- No legalized or certified translation of the international application
  - Otherwise, a simple translation is required
  - A few Offices (such as, AU, GB, IN, NZ, SG, ZA) require a "verified" translation
- No special form required (but strongly recommended) for entry into national phase

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-278  
04.06.2018

## Communication with DOs/EOs (Rule 93bis)

- Any communication, notification, correspondence or other document relating to an international application will be communicated by the International Bureau to DOs/EOs only upon their request and at the time specified by the Offices
- Most DOs/EOs will receive the majority of documents concerned only after an applicant has entered the national phase before its Office
- Almost all PCT Contracting States now receive the DVD collections containing the full texts of the published international applications

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-279  
04.06.2018

## Furnishing by International Bureau of copies of priority documents (Rule 17.2(a))

- The International Bureau provides copies of priority documents to designated Offices:
  - upon request
  - after international publication, unless the applicant made a specific request for early processing under Article 23(2)
- Almost all Offices request a copy of the priority document only after the application entered the national phase
- Only the European Patent Office systematically receives copies of all priority documents

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-280  
04.06.2018

## Recommendations for preparing entry into the national phase (1)

- Leave sufficient time, where necessary, to prepare the translation of the international application
- Send your local agent, copies of the (relevant) documents on file: the published international application, the international search report and written opinion by the ISA, the international preliminary examination report, priority documents; note that none of these documents are required to be filed by the local agent at the local patent office

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-281  
04.06.2018

## Recommendations for preparing entry into the national phase (2)

- Where you would prefer avoiding paying additional claims fee or other fees that are applicable under any particular national law, prepare the application, and any amendments thereof, according to the national practice
- Even though several designated/elected Offices provide for longer time limits, it is preferable to docket the 30-month time limits for all Offices (See [www.wipo.int/pct/en/texts/reservations/res\\_incomp.html](http://www.wipo.int/pct/en/texts/reservations/res_incomp.html) for exceptions under Article 22(1))

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-282  
04.06.2018

## A few further tips to remember

- Remember to monitor time limits for entering national phase
  - they apply irrespective of delays in the international phase
- Make necessary indications that application is entering the national phase, i.e., that it is not a direct national filing
- Translation of the international application must be correct and complete (no subject matter may be added and/or deleted)
- Pay the required fees (amount may be different from that applicable to direct national filing)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-283  
04.06.2018

## Reinstatement of rights by DO/EOs (Rule 49.6) (1)

- Available in certain DO/EOs, where the applicant has missed the time limit under Article 22 or 39(1) to enter the national phase:
  - unintentionally
    - or - at the option of the Office -*
  - in spite of due care required by the circumstances

## Reinstatement of rights by DO/EOs (Rule 49.6) (2)

- Applicants may submit a request for reinstatement and enter the national phase within:
  - 2 months from the date of removal of the cause of the failure to meet the time limit to enter national phase; or
  - 12 months from the date of expiration of the time limit to enter national phase;whichever period expires first

## Reinstatement of rights by DO/EOs (Rule 49.6) (3)

- Longer time limits and/or further requirements may apply depending on the applicable national law
- For further details, see for each DO/EO, the relevant National Chapter in the *PCT Applicant's Guide*, National Phase

## DO/EOs to which Rule 49.6 does not apply

- Notifications of incompatibility with respective national law were filed in accordance with Rule 49.6(f):

CA	Canada	LV	Latvia
CN	China	MX	Mexico
DE	Germany	NZ	New Zealand
IN	India	PH	Philippines
KR	Republic of Korea	PL	Poland

- The national law applicable by some of these Offices may nevertheless provide for other forms of protection against loss of rights - for further details, see for each DO/EO, the relevant National Chapter in the *PCT Applicant's Guide*, National Phase



## Additional cases of protection against loss of rights

- Other than the (minimum) protection under Rule 49.6: excuse of delays in meeting time limits by designated/elected Offices (Article 48 and Rule 82*bis*)
- Rectification by designated/elected Offices of errors made by RO or IB (Rule 82*ter*)
- Review by and opportunity to correct before the designated/elected Offices (Articles 24(2), 25, 26, 39(3) and 48, Rules 82*bis* and 82*ter*)



## Withdrawals under Chapter I (1) (Article 24(1)(i) and Rule 90*bis*)

### ■ What?

- international application, designations (also for certain kinds of protection), priority claim

### ■ When?

- before the expiration of 30 months from the priority date

### ■ How?

- by a notice of withdrawal (use of Form PCT/IB/372 recommended) signed by all applicants, their agent or the appointed common representative, and filed with the RO or the IB

## Withdrawals under Chapter I (2) (Article 24(1)(i) and Rule 90*bis*)

### ■ Effect:

- withdrawal effective upon receipt by the RO or the IB
- withdrawal has no effect in DOs where national processing or examination has already started
- withdrawal of international application or designations:
  - effect ceases in each designated State concerned, with same consequences as withdrawal of a national application in that State
  - if notice of withdrawal received by the IB before completion of technical preparations for international publication, there will be no international publication (withdrawal can be made conditional on receipt in time to prevent publication)
- withdrawal of priority claim: time limits which have not expired are re-computed on the basis of the revised priority date resulting from the withdrawal

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-291  
04.06.2018

## Withdrawals under Chapter II (1) (Article 37 and Rule 90*bis*)

### ■ What?

- international application, designations, demand, elections, priority claim

### ■ When?

- before the expiration of 30 months from the priority date

### ■ How?

- by a notice of withdrawal (use of Form PCT/IB/372 recommended) signed by all applicants, their agent or the appointed common representative, and filed with:
  - the RO, the IB or the IPEA, if withdrawing international application or priority claim
  - the IB, if withdrawing demand or elections

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-292  
04.06.2018

## Withdrawals under Chapter II (2) (Article 37 and Rule 90*bis*)

### ■ Effect:

- withdrawal effective upon receipt by appropriate Authority (see above)
- withdrawal has no effect in DOs/EOs where national processing or examination has already started
- withdrawal of demand or elections: withdrawal after expiration of Chapter I time limit for entry into national phase is considered to be withdrawal of the international application in relation to the State(s) concerned
- withdrawal of priority claim: time limits which have not expired are re-computed on the basis of the revised priority date resulting from the withdrawal



## Microbiological inventions

- Deposit of a sample in order to meet the requirement of full disclosure:
  - Many national laws require that, where a patent application refers to biological material which has not been made available to the public, a sample thereof be deposited with a recognized culture collection
- The Budapest Treaty on the International Recognition of the Deposit of Microorganisms for the Purposes of Patent Procedure (Budapest Treaty)
  - provides for the recognition by its Contracting States of deposits made with any International Depositary Authority (IDA) under the Budapest Treaty
- The IDAs are recognized by all PCT Contracting States listed in Annex L of the *PCT Applicant's Guide*, whether they are Contracting States of the Budapest Treaty or not

## When must the deposit be made?

- Many Offices require the deposit to be made before the filing date of the PCT application
- A late deposit, however, is no excuse for filing a PCT application claiming priority after the expiration of 12 months from the priority date (restoration of the right of priority may not work)
- Some Offices require that the deposit be made before the filing date of the application of which priority is claimed in the PCT application and that the priority application also makes reference to the deposited biological material, e.g. BY, CN, US

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-296  
04.06.2018

## Reference to deposited biological material in a PCT application (Rule 13bis)

- Required in a PCT application only where the national law of a designated State provides for it. Usually needed for full disclosure of the invention.
- The *PCT Applicant's Guide*, Deposits of Biological Material (Annex L), contains information on the requirements of the designated States whose national law includes provisions on the deposit of biological material and indicates when and how reference to such deposited biological material should be made.

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-297  
04.06.2018

## Time limit for furnishing references to deposited biological material (Rule 13*bis*.4)

- At the time of filing, as part of the international application (in the description): references in accordance with Rule 13.*bis*.3(a)(i) to (iv)
- Within 16 months from the priority date, or before completion of technical preparations for international publication: any further references related to the deposited biological material not part of the international application
- In case of a request for early publication: before completion of technical preparations for international publication

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-298  
04.06.2018

## Reference to deposited biological material to be made in the description

- In accordance with Rule 13*bis*.3, the reference must include:
  - the name and address of the depositary institution
  - the date of deposit of the biological material with that institution
  - the accession number given to the deposit by that institution
  - any relevant information on the characteristics of the biological material
- Usually included in a paragraph at the beginning of the description
- Alternatively, Form PCT/RO/134 may be used for that purpose and be numbered as a sheet of the description

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-299  
04.06.2018

## Reference to deposited biological material separate from the description

- Statement concerning the “expert solution”
- In the case where the applicant is not the depositor, a statement by the depositor concerning the right of the applicant to make reference to the biological material and to make it available to the public
- Form BP/4: acknowledgement of receipt by the IDA
- Form BP/9: viability statement
- All the above documents will be published by the IB with the international application

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-300  
04.06.2018

## The “expert solution” (Rule 13bis.6)

- In respect of certain designated Offices, the applicant is entitled to request that a sample be issued only to an expert nominated by the requester
- A space is provided in form PCT/RO/134 to make such indication
- The request must reach the IB before the completion of technical preparations for the international publication of the application
- Some Offices also require the applicant to notify them directly before international publication takes place, e.g. DO/AU, DO/DE, DO/DK

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-301  
04.06.2018



## Applicant and depositor of the sample are not the same person

- In this case, DO/GB and DO/EP require
  - within the time limit of 16 months from the priority date or before technical preparations for international publication have been completed
  - the name and address of the depositor to be included in the reference and
  - a statement specifying that the depositor has authorized the applicant to refer to the deposited biological material in the application and has given his unreserved and irrevocable consent to the deposited material being made available to the public
- Failure to do so may result in the application being refused in the national phase for insufficient disclosure

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-302  
04.06.2018

## Which type of reference is covered by Rule 13bis?

- Only references to deposits under the Budapest Treaty will be treated as references to biological material under Rule 13bis
- Certificates on the Grant of Community Plant Variety Rights issued by the Community Plant Variety Office, a European Union Agency, are not covered by the Budapest Treaty and Rule 13bis
- References other than to biological material under Rule 13bis will not be published as part of the international application, but will be made available on PATENTSCOPE under “related documents on file at the International Bureau”

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-303  
04.06.2018

## Presentation of nucleotide and/or amino acid sequence listings (1)

- Relevant provisions:
  - Rules 5.2 and 49.5(a-bis)
  - Section 208 and Annex C of the Administrative Instructions
- Where the international application contains disclosure of one or more nucleotide and/or amino acid sequences, the description must contain a sequence listing complying with the standard provided for in Annex C of the Administrative Instructions (“PCT Sequence Listing Standard”) (that standard has replaced the previously applicable various requirements of the ISAs, IPEAs and designated/elected Offices)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-304  
04.06.2018

## Presentation of nucleotide and/or amino acid sequence listings (2)

- If so required by the competent ISA, a copy of the sequence listing must also be submitted in electronic form complying with the Standard, in addition to the sequence listing as contained in the application; that copy:
  - must be identical to the written sequence listing
  - must be accompanied by a statement to that effect
- A sequence listing which complies with the Standard must be accepted:
  - by all ROs, ISAs and IPEAs for the purposes of the international phase and
  - by all designated/elected Offices for the purposes of the national phase

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-305  
04.06.2018

## PCT Sequence Listing Standard (1)

- Basis: Section 208 and Annex C of the Administrative Instructions
- Where the sequence listing is filed together with the international application, it:
  - must be presented as a separate “Sequence Listing Part” of the description
  - must be placed at the end of the application
  - must begin on a new page
  - should preferably have independent page numbering

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-306  
04.06.2018

## PCT Sequence Listing Standard (2)

- The Standard provides further details as to:
  - the symbols and the format which must be used for the presentation of nucleotide and/or amino acid sequences
  - with regard to other available information to be included in the sequence listing, the mandatory items which must, and the optional item which may, be included, and the order in which those items must appear
  - the presentation of features of sequences
  - the presentation of “free text”

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-307  
04.06.2018

## PCT Sequence Listing Standard: presentation of free text (1)

- The Standard defines “free text” as a wording describing characteristics of the sequence which does not use “language neutral vocabulary”, that is, controlled vocabulary used in the sequence listing that represents scientific terms as prescribed by sequence database providers (including scientific names, qualifiers and their controlled vocabulary values, the symbols and the feature keys appearing in the Appendices to the Standard).
- Where the sequence listing part of the international application contains free text, that free text:
  - may, and preferably should, be in English (irrespective of the language of the main part of the description) (Rule 12.1(d))
  - must be repeated in the main part of the description (“Sequence Listing Free Text”) in the language thereof (ISA invites to furnish correction if not contained in main part of description as filed) (Rules 5.2(b) and 13ter.1(f))

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-308  
04.06.2018

## PCT Sequence Listing Standard: presentation of free text (2)

- For the purposes of the national phase (Rule 49.5(a-bis)), no designated Office is entitled to require the applicant to furnish to it a translation of any text matter contained in the sequence listing part of the description if such text matter:
  - is presented in accordance with the Standard
  - is repeated in the main part of the description (and hence in any translation thereof)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-309  
04.06.2018

## Filing of sequence listings forming part of the international application

- No page fees are payable for sequence listings filed in ST.25 **text** format as part of an international application filed in electronic form
- Full page fees are payable for all pages of a sequence listing filed in **image** format as part of an international application in electronic form
- Full page fees are payable for sequence listings filed on paper
- **ATTENTION:** mixed mode filings (former Part 8 of the Administrative Instructions) no longer permissible

## Tables related to sequence listings

- Pages of tables relating to sequence listings count as regular pages of the description
- Full page fees are payable for pages containing tables related to sequence listings, irrespective of whether or not they are submitted in electronic form

## Filing of sequence listings not forming part of the international application

- Where a copy of a ST.25-compliant text format sequence listing has been furnished to the ISA under Rule 13*ter*.1 (for the purposes of international search only), the ISA will forward a copy of such a sequence listing to the International Bureau
- The International Bureau will make a copy of all sequence listings in text format received publicly available on PATENTSCOPE

## Procedure where the sequence listing does not comply with the Standard (1)

- If the international application as filed does not contain:
  - a written sequence listing complying with the Standard; and/or
  - a sequence listing in electronic form complying with the Standard,the ISA invites the applicant to furnish to it a listing (in such format) complying with the Standard, unless such a listing is already available to it, and to pay to it, where applicable, a late furnishing fee (Rule 13*ter*.1(a) and (b))

## Procedure where the sequence listing does not comply with the Standard (2)

- Any sequence listing which is not contained in the international application as filed but which is furnished subsequently must not go beyond the disclosure in the application as filed and must be accompanied by a statement to that effect (Rule 13*ter*.1(e))
- If the applicant does not comply with the invitation within the time limit fixed in the invitation, the ISA is not required to search the application to the extent that a meaningful search cannot be carried out without the listing (Rule 13*ter*.1(d))

## Sequence listing for International Preliminary Examining Authority (Rule 13*ter*.2)

The requirements applicable in respect of the procedure before the ISA apply *mutatis mutandis* in respect of the procedure before the IPEA

## Sequence listing for designated/elected Offices (Rule 13<sup>ter</sup>.3)

- Once the processing of the international application has started before a designated/elected Office, the requirements applicable in respect of the procedure before the ISA (and IPEA) apply *mutatis mutandis* in respect of the procedure before that Office
- No designated/elected Office is entitled to require the applicant to furnish to it a sequence listing other than a sequence listing complying with the PCT Sequence Listing Standard

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-316  
04.06.2018

## PatentIn Software

- Windows-based version (available free of charge from the JPO, the USPTO and the EPO) designed to expedite the process of preparing sequence listings in a standardized electronic format complying with the WIPO Sequence Listing Standard
- Helps in creating a database of patent-disclosed sequences
- Supports the exchange of published sequence data between the European Patent Office, the Japan Patent Office and the United States Patent and Trademark Office in a Trilateral Sequence Exchange Project

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-317  
04.06.2018





## Procedural safeguards (1)

- Transmittal of international application by a non-competent receiving Office to the International Bureau as receiving Office (Rule 19.4)
- Invitation to correct defects (formal defects, priority claims)
- Extension of time limits by the receiving Office (except for payment of fees, correction and/or addition of priority claims)
- Invitation to pay missing or not fully paid fees (Rules 16*bis* and 58*bis*)
- Incorporation by reference (Rule 20)

## Procedural safeguards (2)

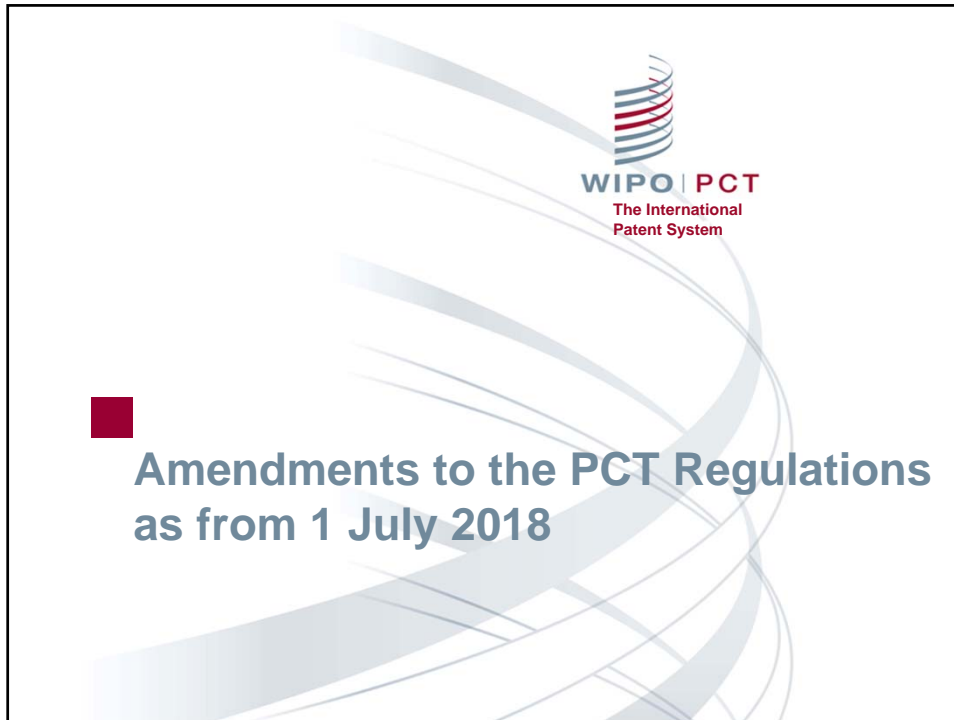
- Restoration of the right of priority (Rules 26*bis*.3 and 49*ter*)
- Rectification of obvious mistakes (Rule 91)
- Withdrawal of application in order to prevent its publication
- Withdrawal of priority claim in order to delay publication of application and/or postpone entry into national phase
- Filing by facsimile in order to meet time limits (Rule 92.4)
- Delay in mail sent to applicant: 7-day rule (Rule 80.6)

## Procedural safeguards (3)

- Delay or loss in mail sent by applicant: 5-day rule, registered airmail and delivery services (Rule 82.1)
- Reinstatement of rights after failure to enter national phase within applicable time limits (Rule 49.6)
- Excuse of delays in meeting time limits by designated/elected Offices (Article 48 and Rule 82*bis*)
- Rectification by designated/elected Offices of errors made by RO or IB (Rule 82*ter*)
- Review by designated/elected Offices (Articles 24, 25 and 26)

## Procedural safeguards (4)

- Excuse of delay in meeting time limits due to *force majeure* (Rule 82*quater*)
  - RO, ISA, SISA, IPEA or IB will excuse a delay in meeting any time limit provided for in the Regulations, if it is proven to the Office's satisfaction that
    - the time limit could not be met due to war, revolution, civil disorder, strike, natural calamity, a general unavailability of electronic communication services or other similar reason, and
    - evidence is offered not later than six months after the expiration of the relevant time limit
  - The Rule does not apply to
    - the 12 month priority period under the Paris Convention
    - the time limit for entry into the national phase
  - The excuse of delay need not be considered by the DOs before which the national phase has already started



## PCT Rule Changes

- Amendment to the Schedule of Fees
  - Clarification that the 90% fee reduction is intended only for persons filing PCT applications in their own right and not those filing PCT applications on behalf of a person or entity which is not eligible for the fee reduction (e.g. the director or employee of a company where the application is made for the benefit of the company)
- Amendment to PCT Rules 4.1(b)(ii) and 41.2(b)
  - Correction of references regarding provisions which entered into force on 1 July 2017 relating to the transmittal of earlier search and/or classification results



## Recent Developments

- New ISAs/IPEAs
- PCT Highlights
- Licensing availability
- Third Party Observations
- PATENTSCOPE
- WIPO Pearl
- PCT Direct
- PCT and PPH
- Arbitration and Mediation Center Fee Reductions

## New ISAs/IPEAs

- Twenty three (23) Offices now hold the status as ISA/IPEA
  - The State Intellectual Property Service of Ukraine (SIPSU) started operations as an ISA/IPEA on 5 February 2016
  - The Visegrad Patent Institute started operations as ISA/IPEA on 1 July 2016
  - Turkish Patent and Trademark Office started operations as from 8 March 2017
  - The Intellectual Property Office of the Philippines has been appointed as an ISA/IPEA (2017) (*not yet operational*)

## PCT Highlights

- High-level summary of recent and future developments in the PCT, with hyperlinks to more detailed information, databases, videos, etc.
- Targeted, in particular, at managers and attorneys
- Possibility to subscribe to the PCT Highlights mailing list for update notifications
- <http://www.wipo.int/pct/en/highlights/index.html>

## Licensing availability (1)

- Applicants interested in concluding license agreements in relation to their international application may request the International Bureau to make this information available in PATENTSCOPE:
  - How? Applicants should submit a “Licensing Availability Request” to the IB using an ePCT “Action”
    - Alternatively, Form PCT/IB/382 may be used
  - When? At the time of filing or within 30 months from the priority date
  - Free of charge
  - Applicants can file multiple licensing requests or update previously submitted ones (within 30 months from the priority date)

## Licensing availability (2)

- Licensing indications will be made publicly available after international publication of the application
- The licensing indications will be visible on PATENTSCOPE under the “*Bibliographic data*” tab with a link to the submitted licensing request itself
- International applications containing licensing information can be searched for in PATENTSCOPE
- The licensing indication displayed under the “*Bibliographic data*” tab may be revoked by the applicant at any time, that is, also after 30 months from the priority date

## Third Party Observations - Main Features

- Allows third parties to submit prior art observations relevant to novelty and inventive step
- Web-based system using ePCT or web-forms in PATENTSCOPE
- Free-of-charge
- Submissions possible until the expiration of 28 months from the priority date
- Applicants may submit comments in response until the expiration of 30 months from the priority date
- Anonymous submission of third party observations possible
- Third-party supplied documents will not be available via PATENTSCOPE, but will be made available to International Authorities and national Offices

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-331  
04.06.2018

## Third Party Observations – Role of the IB

- Checks for spam
- Notifies the applicant of submission of observations
- Makes observations available in PATENTSCOPE
- Sends to International Authorities and designated Offices observations, cited documents, and applicant responses
- Available since July 2012

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-332  
04.06.2018



## PATENTSCOPE

- Interface available in 10 languages (plus mobile version)
- “Documents” tab includes the new section “Search and Examination-Related Documents”
- Information on national phase entry for more than 50 countries
- Access to more than 40 searchable national and regional patent collections
- New secure access to PATENTSCOPE via https
- WIPO Translate
  - translation tool based on neural machine translation technology that enables it to convert highly technical patent documents into a second language in a style and syntax that closely mirrors common usage
- Cross-Lingual Expansion
  - allows the search of a term/phrase and its variants in several languages by entering the term(s) in one language, the system will suggest variants and translate the term(s) allowing the search of patent documents in other languages

Bangkok  
presentation-333  
04.06.2018

WIPO | PCT  
The International  
Patent System

## WIPO Pearl

- Multilingual terminology portal which gives access to scientific and technical terms derived from patent documents
- Available in all ten PCT languages
- Helps to promote accurate and consistent use of terms across different languages and makes it easier to search and share scientific and technical knowledge
- All content validated with reliability scores
- Integrated with PATENTSCOPE
- Further details can be found at:  
[www.wipo.int/wipopearl/search/home.html](http://www.wipo.int/wipopearl/search/home.html)

Bangkok  
presentation-334  
04.06.2018

WIPO | PCT  
The International  
Patent System

## “PCT Direct” (1)

- New service offered by:
  - EPO since 1 November 2014
  - Israel Patent Office since 1 April 2015
- During the PCT procedure, applicants can address patentability issues raised in the search opinion established for the priority application by the same office
- Aims at improving the efficiency and quality of the procedure before the ISA
- Further details can be found on the EPO website:  
<http://www.epo.org/law-practice/legal-texts/official-journal/2014/09/a89.html>
- Further details can be found on the Israel Patent Office website:  
<http://index.justice.gov.il/En/units/ILPO/Departments/PCT/News/Pages/PCTDirect.aspx>

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-335  
04.06.2018

## “PCT Direct” (2)

- Requirements:
  - the informal comments are filed together with the PCT application
    - with any RO if ISA/EP is chosen
    - with RO/IL if ISA/IL;
  - EPO or Israel Patent Office is selected as ISA;
  - the PCT application claims priority of an earlier application searched by the
    - EPO (European first filing or national first filing)<sup>1</sup>
    - Israel Patent Office
- Form:
  - the informal comments are filed in form of a “PCT Direct Letter” in a single document in PDF format and the words “PCT Direct/informal comments” have been indicated under “Other” in Box IX of the PCT request form (Form PCT/RO/101)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-336  
04.06.2018

<sup>1</sup> The EPO performs national searches for France, Netherlands, Belgium, Luxembourg, Italy, Turkey, Greece, Cyprus, Malta, San Marino, Lithuania, Latvia and Monaco

## “PCT Direct” (3)

### ■ Informal comments:

- They are arguments regarding the patentability of the claims of the PCT application
- May include explanations regarding any modifications to the application documents, in particular to the claims, in comparison with the earlier application (e.g. marked-up copy)
- Aim at overcoming objections raised in the search opinion established for the priority application
- Do not form part of the PCT application, but are made publicly available on PATENTSCOPE

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-337  
04.06.2018

## Patent Prosecution Highway (PPH) and PCT

- Accelerated examination in the national phase based on a positive work product of an International Authority (written opinion of the ISA or the IPEA, IPRP (Chapter I or II))
- Conditions:
  - At least one claim has been determined by the ISA or the IPEA to meet the PCT criteria of novelty, inventive step and industrial applicability; and
  - ALL the claims must sufficiently correspond to the claims deemed to meet the PCT criteria (they are of the same or similar scope or they are of narrower scope than the claims in the PCT application)
- Global PPH and PCT:
  - Introduction of Global PPH Pilot in January 2014
  - Single set of qualifying requirements that simplifies the existing PPH network so that it is more accessible for users

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-338  
04.06.2018

## Patent Prosecution Highway (PPH) and PCT

- Global PPH complements existing bilateral PPH agreements
- Information on the PCT Website:  
[www.wipo.int/pct/en/filing/pct\\_pph.html](http://www.wipo.int/pct/en/filing/pct_pph.html)
- Information on the PPH Portal:  
[www.jpo.go.jp/pph-portal/index.htm](http://www.jpo.go.jp/pph-portal/index.htm)
- Information on procedures and forms can be found on the websites of the participating Offices
- The IB requests feedback on experience with PCT-PPH at [pct.legal@wipo.int](mailto:pct.legal@wipo.int)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-339  
04.06.2018

## Arbitration and Mediation Center (AMC)

- Independent and impartial body that offers alternative dispute resolution options for the resolution of commercial disputes between private parties (time and cost efficient alternatives to litigation)
- Provides mediation, arbitration and expert determination services for IP and other commercial disputes
- 25% lifetime reduction on AMC's registration and administration fees where at least one party to the dispute has been named as an applicant or inventor in a published PCT application (no relationship to the dispute is required)
- Fee calculator

<http://www.wipo.int/amc/en/calculator/adr.jsp>

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-340  
04.06.2018



## ePCT Overview

- Getting started <http://pct.wipo.int/ePCT>
- Access to ePCT with and without strong authentication
- ePCT-Filing
- eOwnership of PCT applications
- eHandshakes, sharing/removal of access rights
- Features and functions
- Future developments

## What is ePCT? (1)

- Online portal that provides PCT services for both applicants and Offices (pct.wipo.int)
- User interface available in all PCT publication languages
- Provides secure and direct interaction with PCT applications maintained by the International Bureau
- Applicants can conduct most PCT transactions electronically with the International Bureau
- ePCT-Filing - Web-based filing of PCT applications

## What is ePCT? (2)

- Receiving Offices, International Searching Authorities, International Preliminary Examining Authorities and designated Offices have access to PCT applications via secure ePCT Office accounts
- Applicants can conduct a number of electronic PCT transactions via ePCT also with participating Offices

## ePCT modes

- Single WIPO User Account (username and password) required to access ePCT
  - <https://pct.wipo.int/wipoaccounts/ePCT/>
- ePCT **without** strong authentication
  - Limited functionality, document upload
  - Practical alternative to paper (*fax transmissions no longer recommended since January 1, 2018*)
- ePCT **with** strong authentication
  - Additional identity verification
  - Access to full range of services and functions including the creation and filing of PCT applications
  - Access to PCT applications filed as of January 1, 2009 including before publication

Bangkok  
presentation-345  
04.06.2018

WIPO | PCT  
The International  
Patent System

## ePCT without strong authentication

- Upload documents to the International Bureau only
  - PDF format
  - E-mail cannot be used to submit documents
- Submit Actions
  - Rule 92*bis* action for published PCT applications
  - Article 19 amendments
  - Third party observations
  - Actions cannot be saved as drafts when using ePCT without strong authentication

Bangkok  
presentation-346  
04.06.2018

WIPO | PCT  
The International  
Patent System

## ePCT without strong authentication - Actions

**PCT/IB2016/080079** ▾

International Filing Date 14 Apr 2016

Portfolio

Processing Team at IP PCT RO/IB Team      Tel. +41 22 338 92 22  
Email ro.ib@wipo.int

▸ **DOCUMENTS**

▸ **ACTIONS**

Select Action

Action  
Select ▾

**Amend**

Amendments Under Article 19 (Best format only)  
Rule 92bis change request  
Third Party Observations  
Upload Documents

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-3...  
04.06.2018

## ePCT with strong authentication

- Additional identity verification
  - Authenticator app with one-time password
  - SMS text with one-time password
  - Obtain/upload a “supported” digital certificate
- Best practice: set up at least 2 strong authentication methods
- Set-up instructions and videos are available on the ePCT SUPPORT page  
<http://www.wipo.int/pct/en/epct/support.html>

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-348  
04.06.2018



## Digital Certificates

- Choice of “supported” certificates
  - WIPO digital certificate
  - EPO digital certificate (smart card)
- Note: USPTO digital certificates are NOT supported

## WIPO Digital Certificate (1)

- A small electronic file with data that identifies the user (must be installed in your browser in order to authenticate access under strong authentication)
- Supported browsers to request and pick up your certificate are Mozilla Firefox (recommended) and Internet Explorer
- Available free-of-charge from WIPO, valid 2 years, renewable
- One-time opportunity to pick up the requested digital certificate (must be done within a week)

## WIPO Digital Certificate (2)

- Back-up the digital certificate
  - Export and password protect the digital certificate (for details see the ePCT support page)
  - E-mail the digital certificate to yourself and/or save it on a USB stick (keep password safe)
  - Back-up may be required after a browser upgrade or to access ePCT with strong authentication from a different PC or browser

## Multilingual Address Book (1)

- Record and store contact details of applicants, inventors, and agents
- Possibility to include English transliteration for entries in Arabic, Chinese, Japanese, Korean, Russian
- Import of existing address book (.csv extension) from PCT-SAFE or EPO-OLF software
- Address book sharing based on access rights
  - eOwner (can edit, view and share)
  - eEditor (can edit and view)
  - eViewer (can view only)

## Multilingual Address Book (2)

The screenshot shows the WIPO ePCT WORKBENCH interface. The user is logged in as PASCAL PIRIOU. The main navigation bar includes 'WORKBENCH' and 'NEW IA'. A dropdown menu is open, showing options like 'Notifications', 'Address Book' (highlighted with a red box), 'Default access rights', 'My History', 'My Account', 'Request eOwnership code', 'PCT Resources', 'WIPO Online Services', and 'Office Profiles'. Below the menu, there are tabs for 'Current IAs', 'Drafts', 'Unpublished', 'Published', and 'Archived', along with a search bar and filter options like 'Show Filter', 'Columns', and 'Download list'.

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-353  
04.06.2018

## Multilingual Address Book (3)

The screenshot shows the WIPO ePCT ADDRESS BOOK interface. The user is logged in as PASCAL PIRIOU. The main navigation bar includes 'ADDRESS BOOK'. Below the navigation bar, there are tabs for 'CONTACTS' and 'ACCESS RIGHTS'. The main content area shows the name 'PASCAL' and a search bar with 'Add' and 'Import' buttons. Below the search bar, there are 'Refresh' and 'Download list' options. A table displays contact information:

Name / Address	Country...	Nat	Res	E-mail	Notifications method
[EN] ABC COMPANY Street 1 Sunset Blvd 1080 Miami 95100 Florida	US	US	US	info@abc.com	

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-354  
04.06.2018

## ePCT-Filing (1)

WIPO | ePCT WORKBENCH GENEVA SEP 13, 2017 11:39 AM CEST SUPPORT JANE DOE LOGOUT

CREATE NEW IA FIND IA OUTSIDE OF MY WORKBENCH

### WORKBENCH ▾

- Web-based filing of PCT applications available to all PCT applicants
- Real-time validation of data against the electronic processing system of the International Bureau
- Request form can be prepared in all PCT publication languages

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-355  
04.06.2018

## ePCT-Filing (2)

- Specification in PDF, DOCX or XML formats
  - For PDF format, option for single specification with or without drawings
  - For XML format, single file only
- Application body in DOCX format for conversion to XML using online converter
  - Templates and sample files are available in all PCT publication languages
  - DOCX User Guide available in English

## ePCT-Filing (3)

### ■ Color or greyscale content

- Not permitted in PCT applications (Rule 11)
- ePCT will automatically detect color or greyscale content and warn the applicant that the IB will convert the color content into black and white for publication
- However, any original color or greyscale content will be available on PATENTSCOPE as part of the public application file
- If color or greyscale is used, the front page of the published PCT application will contain a notice that the application as filed contained color or greyscale content
- Designated Offices are not obliged to take the color or greyscale content into account, and may rely on the PCT application as published in black and white

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-357  
04.06.2018

## ePCT-Filing (4)

### ■ “Cloning” of PCT applications

- The bibliographic data of a previous filing under ePCT-New IA (whether already filed or not yet filed) is used as an application template
- Option to include all data and documents
- Option to also copy access rights
- Real-time online payment to the International Bureau of filing fees by credit card or by debiting a WIPO Current Account (only for filings with RO/IB)
  - Visa, MasterCard/Eurocard, American Express, Discover, Diners Club
  - Payment can be made at or after the time of filing

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-358  
04.06.2018

## ePCT-Filing (5)

- Accompanying items (not part of the PCT application), for example
  - General correspondence
  - Documents in pre-conversion format
  - Translations for international publication and/or international search
  - Sequence listing for search purposes
- Possibility to make same day corrections
- Download copy of new PCT application before filing (ZIP (multiple PDF) or single PDF)
- Multiple Rule 4.17 declarations of the same type are merged in order to reduce the page count

WIPO PCT  
The International  
Patent System

Bangkok  
presentation-359  
04.06.2018

## eOwnership of PCT applications

- Right to access and manage a PCT application in ePCT
- Process is automatic when using ePCT-Filing
  - Access rights can be assigned prior to filing
  - Users with access rights can access the draft PCT application
- If ePCT-Filing is not used, additional steps are required to take eOwnership
- Default access rights can be set up and automatically applied each time you are confirmed as 'original eOwner', either to individuals or to groups of individuals

WIPO PCT  
The International  
Patent System

Bangkok  
presentation-360  
04.06.2018

## Taking eOwnership

- Automatic assignment of access rights when using ePCT-Filing
- At the time of electronic filing using PCT-SAFE, EPO online filing or JPO PAS
- Subsequent to electronic filing using a supported digital certificate
- Paper-filed applications or electronically-filed applications with non-supported digital certificate

## Taking eOwnership when using other compatible e-filing software

- Generate a one-time eOwnership code in ePCT and paste it into the relevant signature field along with your Customer ID when using PCT-SAFE, EPO online filing or JPO PAS
- The new application is therefore securely associated with your WIPO Account
- When the record copy is received by the International Bureau, access rights will be automatically assigned to you based on the matching eOwnership code and Customer ID

## Taking eOwnership PCT-SAFE, EPO online filing and JPO PAS

WIPO | ePCT REQUEST ACCESS RIGHTS GENEVA JUL 17, 2017 9:40 AM CEST SUPPORT PASCAL PIRIOU Close

**GENERATE eOWNERSHIP CODE FOR USE WHEN PCT-SAFE, EPO ONLINE FILING & JPO PAS**

Generate an eOwnership code to set up ePCT access rights as part of the filing process when using PCT-SAFE, EPO online filing or JPO PAS.  
This eOwnership Code can only be used at the time of filing, for one application and is not applicable to multiple applications.

Copy/paste your Customer ID and eOwnership code below into the corresponding fields in the signature box in PCT-SAFE, EPO online filing or JPO PAS.  
When the record copy is received at the International Bureau, eOwnership will be automatically assigned to the holder of the Customer ID.

Customer ID user\_CH\_PIRIOU\_PASCAL\_1755

eOwnership Code SVYYHX2QMGRPY0

WIPO | PCT  
The International Patent System

Bangkok  
presentation-363  
04.06.2018

## Taking eOwnership - Subsequent to electronic filing using a supported digital certificate

- Unpublished e-filed applications using a supported digital certificate
  - Both the e-filing and ePCT digital certificates must match
  - Enter the confirmation code in the bottom right-hand corner of Form PCT/IB/301
  - eOwnership automatically assigned

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland	Authorized officer <b>Bardini Ann</b> e-mail pt04.pct@wipo.int Telephone No. +41 22 338 74 04
Facsimile No. +41 22 338 82 70 Form PCT/IB/301 (July 2010)	<b>1/EYK64AFLSN7PW0</b>

WIPO | PCT  
The International Patent System

Bangkok  
presentation-364  
04.06.2018



## Taking eOwnership

### Paper or non-supported digital certificate (1)

- Applications filed on paper or filed electronically with a non-supported digital certificate
- Search for application outside of your Workbench and select “Request access rights”

WORKBENCH ▾

CREATE NEW IA FIND IA OUTSIDE OF MY WORKBENCH

Current IAs Draft IAs Draft Actions Unpublished Published Archived Search

Filter Applied | Save filter | Download list | Columns | Show rows (ALL)

FIND IA OUTSIDE OF MY WORKBENCH

International Application Number \* International Filing Date \*

Reason \*  
Request Access Rights

Cancel Search IA

WIPO PCT  
The International  
Patent System

Bangkok  
presentation-365  
04.06.2018

## Taking eOwnership

### Paper or non-supported digital certificate (2)

- Enter confirmation code indicated on Form PCT/IB/301 (unpublished applications only) or on Form PCT/IB/345 (applications containing Rule 92bis requests and published applications)

REQUEST ACCESS RIGHTS

The access rights confirmation code can be found in the bottom right-hand corner of Form PCT/IB/301, or on Form PCT/IB/345 if a new confirmation code was already requested from the International Bureau.

Access rights confirmation code \*

Cancel Confirm

WIPO PCT  
The International  
Patent System

Bangkok  
presentation-366  
04.06.2018

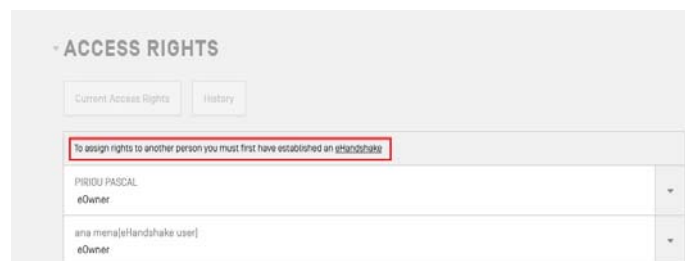
- This will trigger an online form for the International Bureau to approve or reject the request
- You will receive an e-mail notification once the request for access rights has been processed by the International Bureau

## Sharing of Access Rights – eHandshake (1)

- First step in providing access to PCT applications
- Consists in the association and trusted recognition between different WIPO User Accounts with strong authentication
- eHandshakes do not directly result in shared access rights which have to be specifically assigned (default access rights options can be pre-defined)
- eHandshakes are managed within your WIPO account (select “My Account” from the drop-down menu next to your name)

## Sharing of Access Rights – eHandshake (2)

- Shortcut link to eHandshake screen available when editing access rights



## Sharing of Access Rights – eHandshake (3)

### ■ Request new eHandshake

- If you know the associate's customer ID, enter it in the corresponding field

**REQUEST NEW eHANDSHAKE**

Enter the Customer ID of the user to whom you want to send an ehandshake request.

Customer ID \*  
user\_US\_DOE\_JANE\_1234

- If you do not know the associate's customer ID, send yours by e-mail so that the associate can initiate the process

**INITIATE eHANDSHAKE**

Your Customer ID is **user\_GB\_BARDINI\_ANN\_7884**. Send Customer ID by e-mail to an associate to initiate an ehandshake request

## Types of Access Rights

### ■ eOwner

- Complete control over all aspects of the PCT application in ePCT
- May be the applicant, agent or other individual (e.g., paralegal, assistant, secretary) who actually filed the PCT application, or another individual to whom access rights were granted by an existing eOwner

### ■ eEditor

- Can do everything except assign access rights

### ■ eViewer

- “Look” but don’t “Touch”

## Assigning + Managing Access Rights (1)

- An eOwner can assign/modify/remove access rights of others via the Workbench (e.g. for multiple applications) or via the “Access Rights” of each application

The screenshot shows the WIPO PCT Workbench interface for application 0000AB-1412 PCT/IB2016/080264. The 'ACCESS RIGHTS' section is active, displaying a table of access rights. The table has columns for Name, Granted On, Granted By, and Rights. Three entries are visible:

Name	Granted On	Granted By	Rights
Ann Bourdeau <a href="mailto:ann.bourdeau@epo.ch">ann.bourdeau@epo.ch</a> Original eOwner	14 Dec 2016	Ann Bourdeau	eOwner
Wahid BEN SHACHRY <a href="mailto:wahid.ben-shachry@eHandshake.com">wahid.ben-shachry@eHandshake.com</a>	14 Dec 2016	Ann Bourdeau	eEditor
Agnieszka BLANC <a href="mailto:agnieszka.blanc@eHandshake.com">agnieszka.blanc@eHandshake.com</a>	14 Dec 2016	Ann Bourdeau	eViewer

Buttons for 'Edit' and 'History' are visible below the table. The WIPO PCT logo is in the bottom right corner.

Bangkok  
presentation-371  
04.06.2018

WIPO PCT  
The International  
Patent System

## Assigning + Managing Access Rights (2)

- Access rights can be managed for multiple applications at the same time, including removal of all ePCT access rights for an eHandshake user in one step
- Access rights can be automatically assigned to default lists of eHandshake users
- PCT applications should have more than one eOwner to facilitate access rights management and to ensure that at least one user has access to a PCT application
- Access rights should be removed for ePCT users no longer requiring access (e.g., change of applicant, change of agent, departure, etc.)
- Full history of all access rights modifications is available

WIPO PCT  
The International  
Patent System

Bangkok  
presentation-372  
04.06.2018

## Signatures

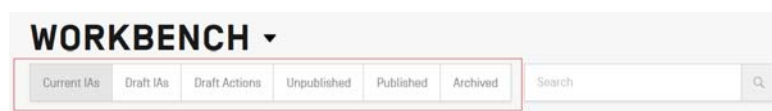
- ePCT access rights holders (eOwner or eEditor) are different from authorized signatories (applicant or agent)
- Applicant or agent may not necessarily be an eOwner or eEditor
- Applicant or agent signatures are required for ePCT-Filing and other PCT transactions, e.g., Rule 92*bis* changes, filing of Chapter II demand, Article 19 amendments, withdrawals
- Signatures may be applied in the form of a text string or by uploading an image file
- It is also possible to indicate that the signature of an authorized signatory appears in an attached document

Bangkok  
presentation-373  
04.06.2018

WIPO | PCT  
The International  
Patent System

## Workbench (1)

- List of all PCT applications to which you have access rights (eOwner, eEditor, eViewer)
- The Workbench contains 6 pre-defined shortcut filter buttons to display applications as per their status



- Many combinations of filters can be applied

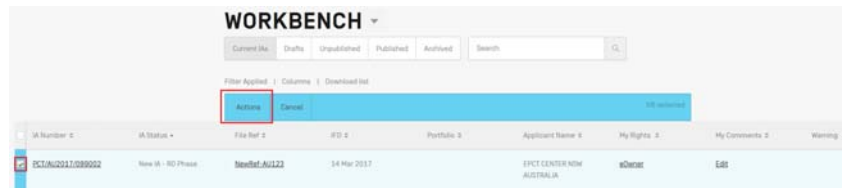


Bangkok  
presentation-374  
04.06.2018

WIPO | PCT  
The International  
Patent System

## Workbench (2)

- The Workbench columns can be re-arranged by dragging/dropping; customize columns to show/hide
- Workbench list can be downloaded to a spreadsheet
- Select one or more applications to reveal a bar that gives access to functions such as manage access rights, archiving and organizing applications into Portfolios



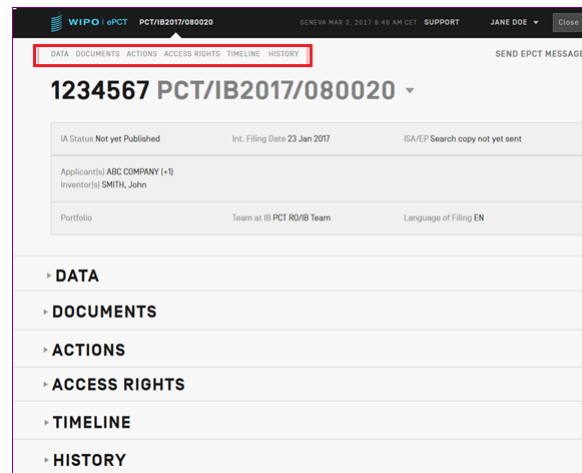
- Clicking on the IA number or file reference will open up a detailed file view

WIPO PCT  
The International  
Patent System

Bangkok  
presentation-375  
04.06.2018

## Viewing a PCT application

- Shortcut links for navigating to each section



WIPO PCT  
The International  
Patent System

Bangkok  
presentation-376  
04.06.2018

## Dropdown menu on IA number

- Gives quick access to a number of useful functions

DATA DOCUMENTS ACTIONS ACCESS RIGHTS TIMELINE NATIONAL PHASE HISTORY

**A10RIADH PCT/IB2017/080337** ▾

- Archive
- Add to Portfolio
- Warning Message
- My Comments
- Clone IA
- View draft IA as filed via ePCT
- IA Status Report (PDF)
- IA Status Report (XML)
- History
- Add bookmark

Int. Filing Date 07 Nov 2017

Team at IB PCT RO/IB Team

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-377  
04.06.2018

## Data

- Up-to-date bibliographic data for the PCT application being viewed
- Information about the target date for international publication/republication and preview of bibliographic data in publication front page layout
- Where the language of filing of a PCT application is in Arabic, Chinese, Japanese, Korean or Russian, bibliographic data are available in those languages in addition to the English transliteration
- Data are available as “IA Status Report” (IASR) in PDF or XML format

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-378  
04.06.2018

## Documents (1)

- Access to documents on Record as held by the IB, but also documents submitted to ePCT participating Offices in their capacity as RO, ISA, IPEA

DOCUMENTS			
RECORD AS HELD BY THE IB			
Documents (Doc ID) ▾	Source #	Status #	Date ▾
Efiling Transmission Receipt (TL) 1 page	ePCT	Processed	06 Mar 2017
ePCT Message (M) 1 page	RD	Not yet processed	06 Mar 2017
Application Body as Filed (ZL) 4 pages	ePCT	Not yet processed	06 Mar 2017
DOCUMENTS FOR ISA/EP			
Documents (Doc ID) ▾	Source #	Status #	Date ▾
ePCT Cover Letter (LO) 1 page	ePCT	Copy as received	07 Mar 2017
Request for Rectification (RL) 1 page	ePCT	Copy as received	07 Mar 2017
DOCUMENTS FOR IPEA/EP			
Documents (Doc ID) ▾	Source #	Status #	Date ▾
Chapter II Demand for ISA (I3L) 6 pages	ePCT	Copy as received	07 Mar 2017
ePCT Cover Letter (L2L) 1 page	ePCT	Copy as received	07 Mar 2017

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-379  
04.06.2018

## Documents (2)

- Indications about the status and public availability of each document type, plus audit trail, if available

RECORD AS HELD BY THE IB				
Documents (Doc ID) ▾	Source #	Status #	PATENTSCOPE #	Date ▾
Power of Attorney (PA) 1 page	ePCT	Not yet processed	Pending processing	17 Oct 2015

**Document information**

Document Power of Attorney (PA)

Status Not yet processed

Available on PATENTSCOPE Pending processing  
This document type is made available on PATENTSCOPE at the time of publication.

[View document as it will be rendered at the IB](#)

User Name ▾	Type of Action ▾	Audit Info ▾	Event Date ▾
Ann Bordini	Import	PA: PCTB2015090059-...	17 Oct 2015

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-380  
04.06.2018



## Documents (3)

- 'Upload' shortcut button to ePCT Action to 'Upload documents' (mostly PDF format) to the IB and also to participating Offices in capacity as RO, ISA, IPEA
  - Types of document selectable for upload depend on the recipient selected
  - A cover letter is automatically generated – user can type a remark to be included in the cover letter
- Simple, secure alternative to sending documents by mail (*fax transmissions no longer recommended since January 1, 2018*)
- Current date and time at the *recipient* Office is displayed in the interface and is set as the date of receipt of uploaded documents
- After upload, documents are visible under Documents and the recipient Office is notified by the system

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-381  
04.06.2018

## Upload Documents – Priority Document

- Upload of digitally signed priority documents
  - Available only for priority documents issued in electronic format by BR, PT and US

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-382  
04.06.2018

## Actions (1)

- Full suite of Actions only when using ePCT with strong authentication and with eOwner/eEditor access rights

▼ **ACTIONS**

Select Action

Action \*

- Amendments Under Article 19 (text format only)
- Create Power of Attorney
- Declarations under Rule 4.17
- Licensing Availability Request
- Make International application available to DAS
- Observations on close prior art
- Obtain priority document from DAS
- Online Payment
- Request Certified Copy
- Request for Early Publication
- Rule 92bis change request
- Submit Chapter II Demand
- Translation for international publication
- Upload Documents
- Withdraw Chapter II Demand
- Withdraw Designation(s)
- Withdraw Election(s)
- Withdraw International Application
- Withdraw Priority Claim(s)

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-383  
04.06.2018

## Actions (2)

- The user benefits from pre-filled bibliographic data and automated validations to avoid errors; time limit checks
- Data and documents submitted through “Actions” are directly imported for processing with no need for retyping (reduces potential transcription errors)
- “Actions” are subject to review by the recipient (the IB or any participating Offices in capacity as RO, ISA, IPEA)
- “Actions” should be used instead of the equivalent document upload
- Option to save “Actions” as a draft only with strong authentication

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-384  
04.06.2018

## Actions (3)

- “Action” for Article 19 amendments
  - Option always appears but can only be used if the ISR has been received by the IB and time limit has not expired
  - Can only be uploaded in DOCX or text-based PDF format
  - DOCX files converted to XML using online converter (templates and samples are provided)
  - Accompanying letter can be prepared online
- Output of Actions is always rendered in language of publication of the application (regardless of language of interface)

## Time Line

- Date and time in Geneva, Switzerland, is displayed at the top of the screen to facilitate awareness of deadlines
- Graphical representation of PCT time limits
- Summary of key dates
- E-mail alerts for most of these time limits can be set up in Notification Preferences

## History

- List of actions taken by all ePCT users for the PCT application
  - Filter option
- Default view is for the last one week period
- Similar 'My History' function is available via the dropdown menu next to your name in the ePCT header which lists only your actions taken in ePCT in respect of any international application

## Notifications

- Preferences
  - Specify the events in the lifecycle of a PCT application for which you want to receive notifications
  - Method (e-mail, Notifications list, or both) and type of notifications
- Filters
  - Received date, read date, unread, date range
- Clearing of notifications from the list
- Only most recent 1000 notifications are stored

## Portfolios

- User-defined, personal 'virtual folders' for grouping PCT applications
- Portfolios are basically filters for viewing PCT applications in groups that are meaningful for the user who defines them
- Deletion of PCT applications from a Portfolio or deletion of the Portfolio itself only deletes the virtual grouping, not the applications themselves
- Switch between the Workbench view and Portfolio-based view of your applications

## Future Developments

- Possibility to apply signatures outside of ePCT (e.g., where the attorney does not have access to ePCT but needs to approve and sign a document prepared by a paralegal who uses ePCT)
- Further refinement of the redesigned user interface based on feedback from users of the system
- Extension of ePCT-Filing to other receiving Offices
- Machine-to-machine functionality
- Extend the online payment function to other types of fees for the IB (post-filing)
- User documentation/online help in other languages

## ePCT in DEMO mode

- [pctdemo.wipo.int](http://pctdemo.wipo.int)
- Demo environment in which you can practice and familiarize yourself with ePCT
- Do not use confidential or sensitive data in the ePCT demo environment

## Need help with ePCT – SUPPORT (1)

- Use the “SUPPORT” link in the ePCT header
- PCT eServices
  - Tel: +41-22-338-9523
  - E-mail: [pct.eservices@wipo.int](mailto:pct.eservices@wipo.int)
  - Monday to Friday, 9am-6pm Geneva time

## Need help with ePCT – SUPPORT (2)

- FAQs and user documentation

- Database of help info

- Live Chat (during business hours) available via FAQ answers and CONTACT US

- Webinars on ePCT

- <http://www.wipo.int/pct/en/seminar/webinars/index.html>



## PCT information available on the Internet (1)

- PCT Treaty and Regulations ([www.wipo.int/pct/en/texts/](http://www.wipo.int/pct/en/texts/))
- PCT Administrative Instructions ([www.wipo.int/pct/en/texts/](http://www.wipo.int/pct/en/texts/))
- PCT Applicant's Guide (updated weekly)  
([www.wipo.int/pct/guide/en/](http://www.wipo.int/pct/guide/en/))
- PCT Newsletter (monthly) ([www.wipo.int/pct/en/newslett/](http://www.wipo.int/pct/en/newslett/))
- PCT Highlights ([www.wipo.int/pct/en/highlights/](http://www.wipo.int/pct/en/highlights/))
- PCT Legal Text Index, providing references to PCT Articles, Rules, Administrative Instructions, Forms and various PCT Guidelines ([www.wipo.int/pct/en/texts/pdf/legal\\_index.pdf](http://www.wipo.int/pct/en/texts/pdf/legal_index.pdf))
- Official Notices  
([www.wipo.int/pct/en/official\\_notices/index.html](http://www.wipo.int/pct/en/official_notices/index.html))



## PCT information available on the Internet (2)

- PCT Receiving Office Guidelines  
([www.wipo.int/pct/en/texts/gdlines.html](http://www.wipo.int/pct/en/texts/gdlines.html))
- PCT International Search and Preliminary Examination Guidelines ([www.wipo.int/pct/en/texts/gdlines.html](http://www.wipo.int/pct/en/texts/gdlines.html))
- WIPO Standards  
([www.wipo.int/standards/en/part\\_03\\_standards.html](http://www.wipo.int/standards/en/part_03_standards.html))
- PCT Minimum Documentation, Patents and Non-Patent Literature ([www.wipo.int/scit/en/standards/pdf/04-01-01.pdf](http://www.wipo.int/scit/en/standards/pdf/04-01-01.pdf) and [www.wipo.int/scit/en/standards/pdf/04-02-01.pdf](http://www.wipo.int/scit/en/standards/pdf/04-02-01.pdf))
- Agreements between International Bureau of WIPO and International Searching and/or Preliminary Examining Authorities  
([www.wipo.int/pct/en/access/isa\\_ipea\\_agreements.html](http://www.wipo.int/pct/en/access/isa_ipea_agreements.html))

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-396  
04.06.2018

## PCT Applicant's Guide (1)

- Regularly updated, web-based publication, available free-of-charge at [www.wipo.int/pct/guide/en/](http://www.wipo.int/pct/guide/en/)
- Free weekly e-mail updating service detailing updated information
- Contents:
  - International phase
    - instructions concerning the preparation, filing and processing of international applications
    - blank forms (request, demand, power of attorney, etc.)
    - “Annexes” setting out information relevant to each Contracting State and regional or international Organization and each Office and Authority

WIPO | PCT  
The International  
Patent System

Bangkok  
presentation-397  
04.06.2018

## PCT Applicant's Guide (2)

### ■ Contents (cont.)

#### □ National phase

- information on all acts that must or may be performed before the DO/EOs
- time limits
- fees
- blank national forms

## PCT training options

### ■ “Learn the PCT” Video Series

(<http://www.wipo.int/pct/en/training/index.html>)

- A series of 29 short videos designed to provide a basic introduction to important aspects and issues in the PCT system (in English)

### ■ PCT Distance Learning Course available in the 10 publication languages

([http://www.wipo.int/pct/en/distance\\_learning/index.html](http://www.wipo.int/pct/en/distance_learning/index.html))

### ■ PCT Webinars

(<http://www.wipo.int/pct/en/seminar/webinars/index.html>)

- Free webinars on PCT topics for companies/law firms on request

### ■ More information on the PCT resources website:

[www.wipo.int/pct](http://www.wipo.int/pct)

## Where to get help at WIPO on PCT-related questions (1)

PCT Infoline	Telephone	+41 22 338 83 38
	Fax*	+41 22 338 83 39
	e-mail	pct.infoline@wipo.int
RO/IB	Telephone	+41 22 338 92 22
	Fax*	+41 22 910 06 10
	e-mail	ro.ib@wipo.int
PCT eServices Help Desk	Telephone	+41 22 338 95 23
	Internet address	www.wipo.int
	e-mail	pct.eservices@wipo.int

\* Note: Fax transmissions no longer recommended since January 1, 2018

**WIPO | PCT**  
The International  
Patent System

Bangkok  
presentation-400  
04.06.2018

## Where to get help at WIPO on PCT-related questions (2)

Marketing and Distribution Section (PCT Publications)	Telephones	+41 22 338 96 18
		+41 22 338 99 30
		+41 22 338 95 90
	Fax*	+41 22 740 18 12
		+41 22 733 54 28
Order online at	Internet address	www.wipo.int/ebookshop
	e-mail	publications.mail@wipo.int
WIPO Switchboard		+41 22 338 91 11
PCT Internet Site	Internet address	www.wipo.int/pct/en/

\* Note: Fax transmissions no longer recommended since January 1, 2018

**WIPO | PCT**  
The International  
Patent System

Bangkok  
presentation-401  
04.06.2018

The screenshot shows the WIPO PCT Information Service webpage. At the top, there is a navigation bar with links for Media, Meetings, Contact Us, My Account, and English. Below this is a search bar and a menu with options like IP Services, Policy, Cooperation, Reference, About IP, and Inside WIPO. The main heading is "PCT Information Service".

The PCT Information Service answers general inquiries about the filing of international applications and the procedure to be followed during the international phase of the PCT. For an overview of the PCT system please see *Protecting your Inventions Abroad: Frequently Asked Questions about the Patent Cooperation Treaty (PCT)*.

Please note that correspondence relating to specific international applications should be addressed to the PCT Operations Division, preferably uploaded through ePCT: (this may be done through ePCT public services, which does not require you to obtain a digital certificate) or by facsimile: (+41-22) 338 82 70 or the specific fax number indicated on the forms issued by the International Bureau (IB), or you can contact the "authorized officer" directly.

Specifically and only for inquiries relating to:

- international applications filed directly with the IB in its capacity as receiving Office, or
- international applications transmitted to the IB as receiving Office under PCT Rule 19.4 (that is: where the national (or regional) Office with which the application was filed is not competent to receive the application concerned; where the application is not in a language accepted by that national Office; or for any other reason where the national Office and the IB agree that the procedure under this Rule should apply),

please contact the PCT Receiving and Processing Section of the IB: telephone: (41-22) 338 92 22, facsimile: (41-22) 910 06 10 or e-mail: ro.ib@wipo.int. Further information on filing directly at the IB.

The PCT Information Service can be contacted as follows:

- Telephone: (+41-22) 338 83 38
- Facsimile: (+41-22) 338 83 39
- E-mail: pct.infoline@wipo.int

Telephone opening hours are from 9.00 a.m. to 6.00 p.m. Central European time (from 3.00 a.m. to 12.00 p.m. (noon) US Eastern time zone).

**Shortcuts**

- For orders of or subscriptions to PCT information products or publications please use the WIPO Electronic Bookshop or contact the Marketing and Distribution Section: publications.ma@wipo.int or facsimile (+41-22) 740 18 12.
- International Bureau closed dates

The screenshot shows the WIPO PATENTSCOPE search interface. At the top, there is a navigation bar with links for Mobile, Deutsch, Español, Français, 日本語, 한국어, Português, and Русский. Below this is a search bar and a menu with options like Search, Browse, Translate, Options, News, Login, and Help. The main heading is "Search for Contact Details of the Team in Charge of your PCT Application".

If you wish to ask any questions relating to a specific international patent application, you can contact the "authorized officer" directly. To know who is the authorized officer in charge of your PCT application, type your IA number in the box below; the name and contact details of the staff in charge will appear.

IA Number

Search For  e.g. EP2007001234

The screenshot shows the WIPO PATENTSCOPE website interface. The browser address bar displays <https://patentscope.wipo.int/search/en/teamlookup.jsf>. The page title is "WIPO PATENTSCOPE" with the tagline "Search International and National Patent Collections". A navigation menu includes "Search", "Browse", "Translate", "Options", "News", "Login", and "Help". The breadcrumb trail is "Home > IP Services > PATENTSCOPE".

### Search for Contact Details of the Team in Charge of your PCT Application

If you wish to ask any questions relating to a specific international patent application, you can contact the "authorized officer" directly. To know who is the authorized officer in charge of your PCT application, type your IA number in the box below, the name and contact details of the staff in charge will appear.

**IA Number**

Search For  e.g. EP2007001234

**US2009051003**

Team	PCT Operations Team2
Coordinator	Xiaofan Tang
Phone	+41 22 338 74 02
Fax	+41 22 338 89 65
Email	pct.team2@wipo.int

## PCT case law database

- Text-searchable PCT case law database available at: [www.wipo.int/pctcaselawdb/en](http://www.wipo.int/pctcaselawdb/en)
- Contents:
  - ❑ decisions from national courts
  - ❑ decisions from regional administrative bodies
  - ❑ abstracts and legal references added by IB
- Any comments or submissions for addition can be sent to the IB at: [pct.legal@wipo.int](mailto:pct.legal@wipo.int)

## PCT Resources/Information

- For general questions about the PCT, contact the PCT Information Service at:

Telephone: (+41-22) 338 83 38

Facsimile\*: (+41-22) 338 83 39

E-mail: [pct.infoline@wipo.int](mailto:pct.infoline@wipo.int)

- Contact the speaker:

[Anjali.Aeri@wipo.int](mailto:Anjali.Aeri@wipo.int)

+41-22-338-7066

\* Note: Fax transmissions no longer recommended since January 1, 2018

**WIPO | PCT**  
The International  
Patent System