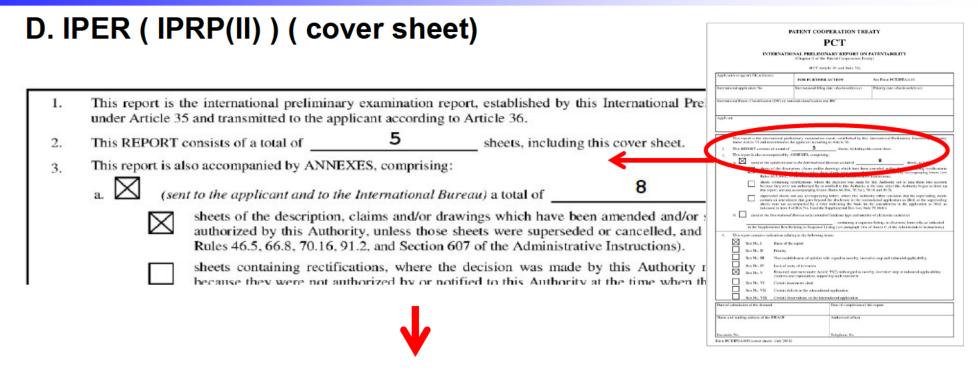
Outline

- A. What are the ISR, the WOISA, and the IPER?
- B. International Search Report(ISR)
- C. Written Opinion of the International Searching Authority(WOISA)
- D. International Preliminary Examination Report (IPER)

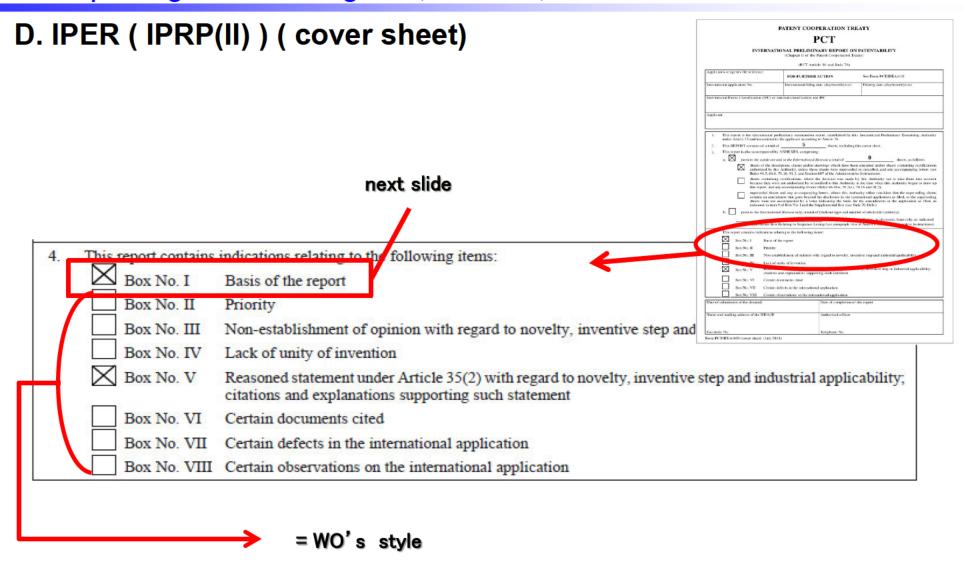
D. IPER (IPRP(II)) (cover sheet & Box No.I)

		PCT				
	INTERNAT	TIONAL PRELIMINARY REPORT ((Chapter II of the Patent Cooperation				
		(PCT Article 36 and Rule 70)				
Applica	ant's or agent's file reference	FOR FURTHER ACTION	See Form PCT/IPEA/416			
International application No. International		International filing date (day/month/year	Priority date (day/month/year)			
Interna	tional Patent Classification (IPC) or	national classification and IPC				
Applica	ant					
1.		his report is the international preliminary examination report, established by this International Preliminary Examining Authority and ransmitted to the applicant according to Article 36.				
2.		is REPORT consists of a total of 5 sheets, including this cover sheet.				
3.	This report is also accompanied b		8			
	a. (sent to the applicant and to the International Bureau) a total of sneets, as follows:					
	authorized by the	sheets of the description, claims and/or drawings which have been amended and/or sheets containing rectifications authorized by this Authority, unless those sheets were superseded or cancelled, and any accompanying letters (see Rules 46.5, 66.8, 70.16, 91.2, and Section 607 of the Administrative Instructions).				
	because they we	sheets containing rectifications, where the decision was made by this Authority not to take them into account because they were not authorized by or notified to this Authority at the time when this Authority began to draw up this report, and any accompanying letters (Rules 66-bbis, 70.2(e), 70.16 and 91.2).				
	contain an ame sheets were no	superseded sheets and any accompanying letters, where this Authority either considers that the superseding sheets contain an amendment that goes beyond the disclosure in the international application as filed, or the superseding sheets were not accompanied by a letter indicating the basis for the amendments in the application as filed, as indicated in item 4 of Box No. I and the Supplemental Box (see Rule 70.16(b))				
	b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s))					
	, containing a sequence listing, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see paragraph 3bis of Annex C of the Administrative Instructions).					
4.	This report contains indications r	elating to the following items:				
	Box No. 1 Basis o	f the report				
	Box No. II Priority					
	Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability					
	Box No. IV Lack of					
	Box No. VI Certain	Box No. VI Certain documents cited				
	Box No. VII Certain	Box No. VII Certain defects in the international application				
	Box No. VIII Certain	Box No. VIII Certain observations on the international application				
Date of	submission of the demand	Date of completion	n of this report			
Name a	and mailing address of the IPEA/JP	Authorized officer	Authorized officer			
Facsim	ila Na	Telephone No.				
	CT/IPEA/409 (cover sheet) (July 20	The state of the s				

	INTERNATIONAL PRELIMINARY REPORT ON F		nternational application No.			
ox No. I						
	h regard to the language, this report is based on:					
the international application in the language in which it was filed the international application in the language in which it was filed						
	a translation of the international application into	, which is the language of a				
ш	translation furnished for the purposes of: international search (Rules 12.3(a) and 23.1(b))					
	publication of the international application (Rule					
Win	international preliminary examination (Rule 55.2(a) and/or 55.3(a)) h regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the					
rece	eiving Office in response to an invitation under Article I					
mus	report):					
\bowtie	the international application as originally filed/furnished	a				
	the description:					
	pages		as originally filed/furnished.			
		received by this Authority of				
	pages*	received by this Authority of	n			
\times	the claims:					
	nos.		as originally filed/furnished.			
	nos.*	as amended (toge	ther with any statement) under Article 19			
	nos.* 1,3-18	received by this Authority of	16.03.2013			
	nos.*	received by this Authority or	n			
\bowtie	the drawings:					
_	pages figures 1-32		as originally filed/furnished.			
		received by this Authority of				
		received by this Authority of				
	10.5 C					
닏	a sequence listing - see Supplemental Box Relating to S	Sequence Listing.				
\times	The amendments have resulted in the cancellation of:					
	the description, pages					
	the claims, Nos. 2					
	the drawings, sheets/figs					
	the sequence listing (specify):					
	This report has been established as if (some of) the an					
Ш	either they are considered to go beyond the disclosure as filed, or they were not accompanied by a letter indicating the basis for the amendments in the application as filed, as indicated in the Supplemental Box (Rule 70.2(c) and (c-bis)):					
	the description, pages					
	the claims, Nos.					
	the drawings, sheets/figs					
	the sequence listing (specify):					
	This report has been established: taking into account the rectification of an obvious	us mistake authorized by or notific	ed to this Authority under Rule 91 (Rules			
	This report has been established: taking into account the rectification of an obvious 66.1(d-bris) and 70.2(e)), without taking into account the rectification of a					
	This report has been established: taking into account the rectification of an obvious 65.1(d.bfz) and 70.2(e)). without taking into account the rectification of a (Rules 65.1bis and 70.2(e)).	an obvious mistake authorized by				
	This report has been established: taking into account the rectification of an obvious 66.1(d-bris) and 70.2(e)), without taking into account the rectification of a	nn obvious mistake authorized by onority(ies) lishing this report (Rule 45bis.8(b)	or notified to this Authority under Rule 91			



- 2. This REPORT consists of a total of <u>5</u> sheets, including this cover sheet.
- 3. This report is also accompanied by ANNEXES, comprising:
 - a. (sent to the applicant and to the International Bureau) a total of <u>8</u> sheets, as follows:
 - sheets of the description, claims, and/or drawings which have been amended, etc.



z. re	With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):							
	the international application as originally filed/furnished							
\geq	the	lescription:						
	page	s 1-65		as originally filed/furnished.				
	page	S**	received by this Authority on					
	page	s*	received by this Authority on					
\triangleright	the	laims:		**				
	nos.	. <u> </u>		as originally filed/furnished.				
	nos.	*	as amended (together	with any statement) under Article 19				
	nos.	1,3-18	received by this Authority on _	16.03.2013				
	nos.	*	received by this Authority on					
\geq	the c	lrawings:						
	page	figures 1-32		as originally filed/furnished.				
	page	s*	received by this Authority on					
	page	s*	received by this Authority on _					
_	7							
3.	The	amendments have resulted in the cancellation of:						
	Ш	the description, pages		<u>u</u> .				
	\boxtimes	the claims, Nos. 2						

Utilization of Examination Results of Other Intellectual Property Offices

- I. Background of Work-sharing
- II. Patent Family
- III. Retrieving and Utilizing External PO Results
- VI. Interpreting and Utilizing ISRs, WOISAs, and IPERs