PATENT COOPERATION TREATY

INTERN		CHING AUTHORITY	7		
To:					PCT
PHILL	LIPS ORMONDE	FITZPATRICK			
Level				W	RITTEN OPINION OF THE
	ollins Street urne, Victoria 30	00		INTERNA'	ΓΙΟΝΑL SEARCHING AUTHORITY
Austra		00			
					(PCT Rule 43bis.1)
				Γ	Pate of mailing (day/month/year) 21 June 2017
Applica	nt's or agent's file re	eference		FOR FURTHER	ACTION
ABC00	01				See paragraph 2 below
Internati	ional application No	0.	International filing date	(day/month/year)	Priority date (day/month/year)
PCT/A	U2017/XXXXX	X	06 June 2017		06 June 2016
		sification (IPC) or b	oth national classifica	ation and IPC	
	5/11 (2006.01)				
Applica					
	ABC CORPORA	ATION LIMITED			
1. Tł	nis opinion contai	ns indications relation	ng to the following ite	ems:	
X	Box No. I	Basis of the opinion			
Ī	Box No. II Priority				
X	Box No. III	Non-establishment o	f opinion with regard to	novelty, inventive s	tep and industrial applicability
	Box No. IV	Lack of unity of inve	ention		
X	Box No. V		under Rule 43bis.1(a)(i) ations supporting such st		lty, inventive step and industrial applicability;
	Box No. VI	Certain documents c	ited		
X	Box No. VII	Certain defects in the	e international application	on	
	Box No. VIII	Certain observations	on the international app	olication	
2. FU	URTHER ACTION	ON			
If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.					
w	If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.				
		see Form PCT/ISA/220	-		
Name a	nd mailing addres	s of the ISA	Date of complet	tion of this opinion	Authorised Officer
PO BO	ALIAN PATENT (X 200, WODEN RALIA ldress: pct@ipaustr	ACT 2606,	21 June 2017	-	Patents Examiner AUSTRALIAN PATENT OFFICE (ISO 9001 Quality Certified Service) Telephone No. +61262830000

Form PCT/ISA/237 (Cover sheet) (revised January 2019)

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/AU2017/XXXXXX

Box	No. I	Basis of this opinion
1.	With	regard to the language, this opinion has been established on the basis of:
	X	The international application in the language in which it was filed
		A translation of the international application into, , which is the language of a translation furnished for the purposes of international search (under Rules 12.3(a) and 23.1(b)).
2.		This opinion has been established taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 43 <i>bis</i> .1(b))
3.		With regard to any nucleotide and/or amino acid sequence disclosed in the international application, this opinion has been established on the basis of a sequence listing:
		a. forming part of the international application as filed:
		in the form of an Annex C/ST.25 text file.
		on paper or in the form of an image file.
		b. furnished together with the international application under PCT Rule 13ter.1(a) for the purposes of international search only in the form of an Annex C/ST.25 text file.
		c. furnished subsequent to the international filing date for the purposes of international search only:
		in the form of an Annex C/ST.25 text file (Rule 13ter.1(a)).
		on paper or in the form of an image file (Rule 13ter.1(b) and Administrative Instructions, Section 713).
4.		In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that forming part of the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
5.	Addi	tional comments:

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/AU2017/XXXXXX

Box	No. 1	III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
		tions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be ly applicable have not been examined in respect of:
		the entire international application
	X	claims Nos: 14-15
	beca	uuse:
		the said international application, or the said claim Nos.
		relate to the following subject matter which does not require an international search (specify):
		the subject matter listed in Rule 67 on which, under Article 34(4)(a)(i), an international preliminary examination [or a written opinion, via the application of Rule 43bis.1(b)], is not required to be carried out, including
		the description, claims or drawings (indicate particular elements below) or said claims Nos. are so unclear that no meaningful opinion could be formed (specify):
		the claims, or said claims Nos. are so inadequately supported by the description that no meaningful opinion could be formed (specify):
	X	no international search report has been established for said claims Nos. 14-15
		a meaningful opinion could not be formed without the sequence listing; the applicant did not, within the prescribed time limit:
		furnish a sequence listing in the form of an Annex C/ST.25 text file, and such listing was not available to the International Searching Authority in a form and manner acceptable to it; or the sequence listing furnished did not comply with the standard provided for in Annex C of the Administrative Instructions.
		furnish a sequence listing on paper or in the form of an image file complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it; or the sequence listing furnished did not comply with the standard provided for in Annex C of the Administrative Instructions.
		pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rule 13 <i>ter</i> .1(a) or (b).
		See Supplemental Box for further details.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International Application No.

NO

PCT/AU2017/XXXXXX

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims NONE	YES
	Claims 1-13	NO
Inventive step (IS)	Claims NONE	YES
	Claims 1-13	NO
Industrial applicability (IA)	Claims 1-13	YES

2. CITATIONS AND EXPLANATIONS:

CITATIONS

D1: WO 2015/015999 A1 (ABC PTY LTD) 02 March 2015

NOVELTY (N)

Claims 1-13 are not novel and therefore do not comply with PCT Article 33(2) in light of D1.

Claims NONE

.....

INVENTIVE STEP (IS)

Claims 1-13 do not involve an inventive step and therefore do not comply with PCT Article 33(3) in light of D1.

•••••

•••••

INDUSTRIAL APPLICABILITY (IA)

The invention defined in claims 1-13 is considered to meet the requirements of Industrial Applicability under Article 33(4) of the PCT because it can be made by, or used in, industry.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International Application No.

INTERNATIONAL SEARCHING AUTHORITY					
Box No. VII Certain defects in the international application	PCT/AU2017/XXXXXX				
The following defects in the form or contents of the international application have been noted:					
Claims 14-15 do not comply with Rule 6.2(a) because they rely on references to the description	and/or drawings,				

PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY
--

PHILLIPS ORMONDE FITZPATRICK Level 16 333 Collins Street Melbourne, Victoria 3000 Australia Applicant's or agent's file reference ABC0001 APPLICATION See paragraphs 1 and 4 below International application No. International application No. PCITALIDOT/XXXXXX Applicant ABC CORPORATION LIMITED 1. The applicant is bereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted betwenth. Filing of anomements and statement under Article 19: The applicant is entitled, if he so wishes, no amend the claims of the international application (see Rule 46): Wher? The lime limit for filing such amendments is normally two months from the date of transmittal of the international search report. How? Directly to the International Bureau preferably through ePCT, or on paper to: He laternational Bureau of WIPO, 34, chemin des Colombetes, 1211 Geneva 20, Switzerland (Ferransmittal of the written opinion of the International Searching Authority are transmitted between the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted between the protest against payment of (an) additional feets) under Rule 402, the applicant is notified that in ternational search oper will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted the variational Bureau will send a copy of such comments on an informal hasis on the written opinion of the International Searching Authority to the International Bureau the feet on the protest, the applicant will be enablished by the International Bureau will send a copy of such comments to all designated Offices un	To:	PCT			
Applicant's or agent's file reference ABC0001 Australia Applicant's or agent's file reference ABC0001 ABC CORPORATION LIMITED 1. X The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith Filing of amendments and statement under Article 19: The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith Filing of amendments and statement under Article 19: The applicant is chilled; if he so wishes, to amend the claims of the international application (see Rule 46): When? The time limit for filing such amendments is normally two months from the date of transmittal of the international Search report. How? Directly to the international Bureaus preferralsly through ePCT, or on paper to: The international Bureau of WIPO, 34, chemin des Colombettes, 121 Geneva 20, Switzerland (fuscismile No.: +41 22 338 82 70) For more detailed instructions, see PCT-Applicant's Gridde, International Phase, paragraphs 9 004 – 9 011. 2.	PHILLIPS ORMONDE FITZPATRICK				
Australia THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION (PCT Rule 44.1) Date of mailing (day/month/year) 21 June 2017 Applicant's or agent's file reference ABC0001 International application No. International application in the process of	Level 16				
Applicant's or agent's file reference ABCHOOT International application No. PCTAU2D17XXXXXX Applicant Sor agent's file reference ABCHOOT International application No. PCTAU2D17XXXXXXX Applicant ABC CORPORATION LIMITED 1. The applicant is retry notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith. Filing of amendments and statement under Article 19: The applicant is not stilled if the so wishes, to amend the claims of the international application (see Rule 46): When? The time limit for filing such amendments is normally two months from the date of transmittal of the international bareau prefeably through ePC1, or on paper to: The international Bureau of WPD0, 34, chemic des Colombettes, 1211 Geneva 20, Switzerland (Facsimile Not. +41 22 338 82 70) For more detailed instructions, see PCT Applicant's Guide, International Phase, paragraphs 9.004 – 9.011. 2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted therewith. Promote detailed instructions, see PCT Applicant's Guide, International Phase, paragraphs 9.004 – 9.011. 2. The applicant is hereby notified that no international Searching Authority are transmitted therewith that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted therewith and properties with the decision thereon has been transmitted to the International Bureau together with the decision thereon has been transmitted to the International Bureau together with the decision thereon has been transmitted to the International phase in the Applicant is notified that: Proposition of Servard the texts of both the protest and the decision thereon to the decision is made. 4. Reminder Proposition of Proposition of Propositi	333 Collins Street				
Applicant's or agent's file reference Applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith. Filing of amendments and statement under Article 19: The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith. Filing of amendments and statement under Article 19: The applicant is international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith. When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report. How? Directly to the International Bureau preferably through ePCT, or on paper to: The International Bureau of WIPO, 34, chemin des Colomberts, 1211 Geneva 20, Switzerland (Factoria) for more detailed instructions, see PCT Applicant's Guide, International Plans, paragraphs 9.004 – 9.011. 2. The applicant is hereby notified that no international searching Authority are transmitted herewith. 3. With regard to any protest against payment of (an) additional Fee(s) under Rule 40.2, the applicant is notified that: The projects to forward the texts of both the protest and the decision thereon to the designated Offices. The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau will see a copy of such comments to all designated Offices unless an international purities of the applicant will be notified as soon as a decision is made. 4. Reminders The applicant may submit comments on an informal basis on the written opinion of the International Jureau will serie a copy of such comments to all designated Offices unless a	Melbourne, Victoria 3000				
Applicant's or agent's file reference ARCROM International application No. International application No. International application No. International application No. International filing date 06 June 2017 1.	Australia	SEARCHING AUTHORITY, OR THE DECLARATION			
Applicant's or agent's file reference ABC0001 International application No. PCT/AU2017/XXXXXX Applicant ABC CORPORATION LIMITED 1. X The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith. Filing of amendments and statement under Article 19: The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith. Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46): When? The time limit for filing such amendments is normally two months from the date of transmitted of the international search report. How? Directly to the International Bureau preferably through ePCT, or on paper to: The International Bureau of WIPO, 34, chemin des Colombettes, 1211 Geneva 20, Switzerland (Fassimile Nos.; 442 233 88 270) For more detailed instructions, see PCT Applicant's Guide, International Phase, paragraphs 9.004 – 9.011. 2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Surreau ingelier with the applicant of the protest of the the protest and the decision thereon to the decisioned Offices. In the applicant is notified that: The applicant may submit comments on an informal basis on the written opinion of the International Bureau ingelier with the applicant's request to forward the texts of both the protest and the decision thereon to the decisioned Offices. In additional Bureau. These comments will be made available to the public after international publication. The International Bureau will send a cupy of such comments to all designated Offices unless an international preliminary examination report has been or to be establi		(PCT Rule 44.1)			
Applicant's or agent's file reference ABC0001 International application No. PCT/AU2017/XXXXXX Applicant ABC CORPORATION LIMITED 1. X The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith. Filing of amendments and statement under Article 19: The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith. Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46): When? The time limit for filing such amendments is normally two months from the date of transmitted of the international search report. How? Directly to the International Bureau preferably through ePCT, or on paper to: The International Bureau of WIPO, 34, chemin des Colombettes, 1211 Geneva 20, Switzerland (Fassimile Nos.; 442 233 88 270) For more detailed instructions, see PCT Applicant's Guide, International Phase, paragraphs 9.004 – 9.011. 2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Surreau ingelier with the applicant of the protest of the the protest and the decision thereon to the decisioned Offices. In the applicant is notified that: The applicant may submit comments on an informal basis on the written opinion of the International Bureau ingelier with the applicant's request to forward the texts of both the protest and the decision thereon to the decisioned Offices. In additional Bureau. These comments will be made available to the public after international publication. The International Bureau will send a cupy of such comments to all designated Offices unless an international preliminary examination report has been or to be establi		Data of mailing (day, by and by and)			
ABCO001 International application No. PCTAU2017XXXXXX Applicant ABC CORPORATION LIMITED 1. X The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith. Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46): When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report. How? Directly to the International Bureau preferably through ePCT, or on paper to: The International Bureau of WIPO, 34, chemin des Colombettes, 1211 Geneva 20, Switzerland (Facsimile No: -142 23 38 82 70) For more detailed instructions, see PCT Applicant's Guide, International Phase, paragraphs 9.004 – 9.011. 2. The applicant is hereby notified that no international Searching Authority are transmitted herewith. 3. With regard to any protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made. 4. Reminders The applicant may submit comments on an informal basis on the written opinion of the International Bureau together with the decision thereon to the designated Offices. Profession has been made yet on the protest; the applicant will be notified as soon as a decision is made. 4. Reminders The applicant may submit comments on an informal basis on the written opinion of the International Bureau these comments will be made available to the public after international publication, if the International Bureau is to be established. Shortly after the expiration of 18 mont					
International pipication No. International application (ACC ORPORATION LIMITED 1. X The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith. Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46): When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report. How? Directly to the International Bureau preferably through ePCT, or on paper to: The International Bureau of WiPlo, 34, chemin des Colombettes, 1211 Geneva 20, Switzerland (Facsimile No: +41 22 338 82 70) For more detailed instructions, see PCT Applicant's Guide, International Phase, paragraphs 9.004 – 9.011. 2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith. 3. With regard to any protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. International Protest protection of the International Publication in the International Bureau. These comments will be made available to the public after international publication. The International Publication of the International Publication or of the priority date, the international publication report has been or is to be established. Shortly after the expiration of 18 months from the priority d	11	FOR FURTHER ACTION See paragraphs 1 and 4 below			
Applicant ABC CORPORATION LIMITED 1.		, , , ,			
Applicant ABC CORPORATION LIMITED 1.					
ABC CORPORATION LIMITED 1.		06 June 2017			
1.					
have been established and are transmitted herewith. Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46): When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report. How? Directly to the International Bureau preferably through ePCT, or on paper to: The International Bureau of WIPO, 34, chemin des Colombettes, 1211 Geneva 20, Switzerland (Facsimile No.: +41 22 338 82 70) For more detailed instructions, see PCT Applicant's Guide, International Phase, paragraphs 9.004 – 9.011. 2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted the reweigh. 3. With regard to any protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made. 4. Reminders The applicant may submit comments on an informal basis on the written opinion of the International Scarching Authority to the International Bureau. These comments will be made available to the public after international publication. The International Bureau will send a copy of such comments to all designated Offices unlead of the sundan preliminary examination report has been or is to be established. Shortly after the expiration of 18 months from the priority date, the international application. The International Bureau will send a copy of such comments to all designated Offices unlead of the international application, or of the priority date,	ABC CORPORATION LIMITED				
have been established and are transmitted herewith. Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46): When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report. How? Directly to the International Bureau preferably through ePCT, or on paper to: The International Bureau of WIPO, 34, chemin des Colombettes, 1211 Geneva 20, Switzerland (Facsimile No.: +41 22 338 82 70) For more detailed instructions, see PCT Applicant's Guide, International Phase, paragraphs 9.004 – 9.011. 2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted the reweigh. 3. With regard to any protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made. 4. Reminders The applicant may submit comments on an informal basis on the written opinion of the International Scarching Authority to the International Bureau. These comments will be made available to the public after international publication. The International Bureau will send a copy of such comments to all designated Offices unlead of the sundan preliminary examination report has been or is to be established. Shortly after the expiration of 18 months from the priority date, the international application. The International Bureau will send a copy of such comments to all designated Offices unlead of the international application, or of the priority date,					
The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46): When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report. Directly to the International Bureau preferably through ePCT, or on paper to: The International Bureau of WIPO, 34, chemin des Colombettes, 1211 Geneva 20, Switzerland (Facsimile No.: +41 22 338 82 70) For more detailed instructions, see PCT Applicant's Guide, International Phase, paragraphs 9.004 – 9.011. 2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted to the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. In a decision has been made yet on the protest; the applicant will be notified as soon as a decision is made. 4. Reminders The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. These comments will be made available to the public after international publication. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. Shortly after the expiration of 18 months from the priority date, the international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months		eport and the written opinion of the International Searching Authority			
When? The time limit for filing such amendments is normally two months from the date of transmittal of the international search report. How? Directly to the International Bureau preferably through ePCT, or on paper to: The International Bureau of WIPO, 34, chemin des Colombettes, 1211 Geneva 20, Switzerland (Faestimile No.; +41 22 338 82 70) For more detailed instructions, see PCT Applicant's Guide, International Phase, paragraphs 9.004 – 9.011. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith. With regard to any protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made. 4. Reminders The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. These comments will be made available to the public after international publication. The International Bureau will send a copy of such comments to all designated Offices unless an international application will be published by the International Bureau. If the applicant wishes to avoid or postspone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international preliminary examination must be filed if the applicant wishes to postopate the completi					
How? Directly to the International Bureau preferably through ePCT, or on paper to: The International Bureau of WIPO, 34, chemin des Colombettes, 1211 Geneva 20, Switzerland (Facsimile No.: +41 22 338 82 70) For more detailed instructions, see PCT Applicant's Guide, International Phase, paragraphs 9.004 – 9.011. 2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith. 3. With regard to any protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made. 4. Reminders The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. These comments will be made available to the public after international publication. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international publication (Rules 90bis.1 and 90bis.3). Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filled if the applicant wi					
How? Directly to the International Bureau preferably through ePCT, or on paper to: The International Bureau of WIPO, 34, chemin des Colombettes, 1211 Geneva 20, Switzerland (Facsimile No.: +41 22 338 82 70) For more detailed instructions, see PCT Applicant's Guide, International Phase, paragraphs 9.004 – 9.011. 2. The applicant is hereby notified that no international Searching Authority are transmitted herewith. 3. With regard to any protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest; the applicant will be notified as soon as a decision is made. 4. Reminders The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. These comments will be made available to the public after international publication. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international publication, or of the priority date, but only in respect of some designated Offices, a demand for international publication (Rules 90bis. 3). Within 19 months from the priority date, but only in respect of some designated Offices, the implication of international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, th	8	s is normally two months from the date of transmittal of the international			
The International Bureau of WIPO, 34, chemin des Colombettes, 1211 Geneva 20, Switzerland (Facsimile No.: +41 22 338 82 70) For more detailed instructions, see PCT Applicant's Guide, International Phase, paragraphs 9.004 – 9.011. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith. With regard to any protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made. 4. Reminders The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. These comments will be made available to the public after international publication. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international publication, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international publication, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international publication, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international preliminary e					
2. The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith. 3. With regard to any protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made. 4. Reminders The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. These comments will be made available to the public after international publication. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international publication (Rules 90bis.1 and 90bis.3). Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices. In respect of other designa	The International Bureau of WIPO, 34, ch				
that effect and the written opinion of the International Searching Authority are transmitted herewith. With regard to any protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made. 4. Reminders The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. These comments will be made available to the public after international publication. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international publication (Rules 90bis.1 and 90bis.3). Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant mishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices. In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months. For details about the applicable time	For more detailed instructions, see PCT Applicant's Gu	aide, International Phase, paragraphs 9.004 – 9.011.			
3. With regard to any protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that: the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made. 4. Reminders The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. These comments will be made available to the public after international publication. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international publication (Rules 90bis.1 and 90bis.3). Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date (in some Offices we www.wipo.int/pct/en/texts/time.limits.html and the PCT Applicant's Guide, National Chapters. Within 22 months from the priority date, the applicant may request that a supplementary international search be carried out by a different International Se					
request to forward the texts of both the protest and the decision thereon to the designated Offices. no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made. 4. Reminders The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. These comments will be made available to the public after international publication. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international publication (Rules 90bis.1 and 90bis.3). Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices. In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months. For details about the applicant is Guide, National Chapters. Within 22 months from the priority date, the applicant may request that a supplementary international search be carried out by a different International Searching Authority that offers this service (Rule 45bis.1). The procedure for requesting supplementary international search is described in the PCT Applicant's Guide, Inte	1				
a. Reminders The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. These comments will be made available to the public after international publication. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international publication (Rules 90bis.1). Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices. In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months. For details about the applicable time limits, Office by Office, see www.wipo.int/pct/en/texts/time_limits.html and the PCT Applicant's Guide, National Chapters. Within 22 months from the priority date, the applicant may request that a supplementary international search be carried out by a different International Searching Authority that offers this service (Rule 45bis.1). The procedure for requesting supplementary international search is described in the PCT Applicant's Guide, International Phase, paragraphs 8.006-8.032. Name and mailing address of the ISA/AU Authorised officer Patents Examiner AUS					
The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. These comments will be made available to the public after international publication. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international publication (Rules 90bis.1 and 90bis.3). Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices. In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months. For details about the applicable time limits, Office by Office, see www.wipo.int/pct/en/texts/time_limits.html and the PCT Applicant's Guide, National Chapters. Within 22 months from the priority date, the applicant may request that a supplementary international search be carried out by a different International Searching Authority that offers this service (Rule 45bis.1). The procedure for requesting supplementary international search is described in the PCT Applicant's Guide, International Phase, paragraphs 8.006-8.032. Name and mailing address of the ISA/AU Authorised officer AUSTRALIAN PATENT OFFI		_			
The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. These comments will be made available to the public after international publication. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international publication (Rules 90bis.1 and 90bis.3). Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices. In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months. For details about the applicable time limits, Office by Office, see www.wipo.int/pct/en/texts/time_limits.html and the PCT Applicant's Guide, National Chapters. Within 22 months from the priority date, the applicant may request that a supplementary international search be carried out by a different International Searching Authority that offers this service (Rule 45bis.1). The procedure for requesting supplementary international search is described in the PCT Applicant's Guide, International Phase, paragraphs 8.006-8.032. Name and mailing address of the ISA/AU Authorised officer AUSTRALIAN PATENT OFFI	4 Paristan				
International Bureau. These comments will be made available to the public after international publication. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international publication (Rules 90bis.1 and 90bis.3). Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices. In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months. For details about the applicable time limits, Office by Office, see www.wipo.int/pct/en/texts/time_limits.html and the PCT Applicant's Guide, National Chapters. Within 22 months from the priority date, the applicant may request that a supplementary international search be carried out by a different International Searching Authority that offers this service (Rule 45bis.1). The procedure for requesting supplementary international search is described in the PCT Applicant's Guide, International Phase, paragraphs 8.006-8.032. Name and mailing address of the ISA/AU Authorised officer Patents Examiner AUSTRALIAN PATENT OFFICE (ISO 9001 Quality Certified Service)		written eninion of the International Searching Authority to the			
Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau before the completion of the technical preparations for international publication (Rules 90bis.1 and 90bis.3). Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices. In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months. For details about the applicable time limits, Office by Office, see www.wipo.int/pct/en/texts/time_limits.html and the PCT Applicant's Guide, National Chapters. Within 22 months from the priority date, the applicant may request that a supplementary international search be carried out by a different International Searching Authority that offers this service (Rule 45bis.1). The procedure for requesting supplementary international search is described in the PCT Applicant's Guide, International Phase, paragraphs 8.006-8.032. Name and mailing address of the ISA/AU Authorised officer Patents Examiner AUSTRALIAN PATENT OFFICE Pobox 200, WODEN ACT 2606, AUSTRALIA Email address: pct@ipaustralia.gov.au Authorised officer Patents Examiner AUSTRALIAN PATENT OFFICE (ISO 9001 Quality Certified Service)	International Bureau. These comments will be made available to the	e public after international publication. The International Bureau will send			
claim, must reach the International Bureau before the completion of the technical preparations for international publication (Rules 90bis.1 and 90bis.3). Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices. In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months. For details about the applicable time limits, Office by Office, see www.wipo.int/pct/en/texts/time_limits.html and the PCT Applicant's Guide, National Chapters. Within 22 months from the priority date, the applicant may request that a supplementary international search be carried out by a different International Searching Authority that offers this service (Rule 45bis.1). The procedure for requesting supplementary international search is described in the PCT Applicant's Guide, International Phase, paragraphs 8.006-8.032. Name and mailing address of the ISA/AU Authorised officer Patents Examiner AUSTRALIAN PATENT OFFICE (ISO 9001 Quality Certified Service)					
Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later); otherwise, the applicant must, within 20 months from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices. In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months. For details about the applicable time limits, Office by Office, see www.wipo.int/pct/en/texts/time_limits.html and the PCT Applicant's Guide, National Chapters. Within 22 months from the priority date, the applicant may request that a supplementary international search be carried out by a different International Searching Authority that offers this service (Rule 45bis.1). The procedure for requesting supplementary international search is described in the PCT Applicant's Guide, International Phase, paragraphs 8.006-8.032. Name and mailing address of the ISA/AU Authorised officer Patents Examiner AUSTRALIAN PATENT OFFICE Patents Examiner AUSTRALIAN PATENT OFFICE Patents Examiner AUSTRALIAN PATENT OFFICE (ISO 9001 Quality Certified Service)	claim, must reach the International Bureau before the completion of the technical preparations for international publication (Rules 90bis.1				
phase before those designated Offices. In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months. For details about the applicable time limits, Office by Office, see www.wipo.int/pct/en/texts/time_limits.html and the PCT Applicant's Guide, National Chapters. Within 22 months from the priority date, the applicant may request that a supplementary international search be carried out by a different International Searching Authority that offers this service (Rule 45bis.1). The procedure for requesting supplementary international search is described in the PCT Applicant's Guide, International Phase, paragraphs 8.006-8.032. Name and mailing address of the ISA/AU Authorised officer Patents Examiner AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA Email address: pct@ipaustralia.gov.au AUSTRALIAN PATENT OFFICE (ISO 9001 Quality Certified Service)	Within 19 months from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices				
Within 22 months from the priority date, the applicant may request that a supplementary international search be carried out by a different International Searching Authority that offers this service (Rule 45bis.1). The procedure for requesting supplementary international search is described in the PCT Applicant's Guide, International Phase, paragraphs 8.006-8.032. Name and mailing address of the ISA/AU Authorised officer Patents Examiner AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA Email address: pct@ipaustralia.gov.au Remail address: pct@ipaustralia.gov.au Email address: pct@ipaustralia.gov.au Authorised officer Patents Examiner AUSTRALIAN PATENT OFFICE (ISO 9001 Quality Certified Service)	phase before those designated Offices. In respect of other designated Offices, the time limit of 30 months (or later) will apply even if no demand is filed within 19 months. For details about the applicable time limits, Office by Office, see				
different International Searching Authority that offers this service (Rule 45bis.1). The procedure for requesting supplementary international search is described in the PCT Applicant's Guide, International Phase, paragraphs 8.006-8.032. Name and mailing address of the ISA/AU Authorised officer Patents Examiner AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA Email address: pct@ipaustralia.gov.au Authorised officer Patents Examiner AUSTRALIAN PATENT OFFICE (ISO 9001 Quality Certified Service)		•			
AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA Email address: pct@ipaustralia.gov.au Patents Examiner AUSTRALIAN PATENT OFFICE (ISO 9001 Quality Certified Service)	different International Searching Authority that offers this service (I	Rule 45bis.1). The procedure for requesting supplementary international			
AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA Email address: pct@ipaustralia.gov.au Patents Examiner AUSTRALIAN PATENT OFFICE (ISO 9001 Quality Certified Service)	Name and mailing address of the ISA/AU	Authorised officer			
PO BOX 200, WODEN ACT 2606, AUSTRALIA Email address: pct@ipaustralia.gov.au AUSTRALIAN PATENT OFFICE (ISO 9001 Quality Certified Service)					
Email address: pct@ipaustralia.gov.au (ISO 9001 Quality Certified Service)					
	Email addicess, pengipaustralia.gov.au				

Effective Date: 25 February 2019

PATENT COOPERATION TREATY PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference ABC0001		FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.			
International application No. PCT/AU2017/XXXXXX International filing de 06 June 2017			te (day/month/year)	(Earliest) Priority Date (day/month/year) 06 June 2016	
Applic	ant ABC CORPORATION LIMITEI)			
Article	nternational search report has been preper 18. A copy is being transmitted to the atternational search report consists of a total litrary it is also accompanied by a copy	International Bureau. otal of 6 sheets.		is transmitted to the applicant according to	
1.	Basis of the report				
a. b. c. 2. 3. 4.	The international application in the language in which it was filed. A translation of the international application into, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)). b. This international search report has been established taking into account the rectification of an obvious mistake authorized by or notified to this Authority under Rule 91 (Rule 43.6bis(a)). c. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I. 2. X Certain claims were found unsearchable (See Box No. II). With regard to the title.				
5.	With regard to the abstract,				
	X the text is approved as submitte	d by the applicant.			
	the text has been established, ac month from the date of mailing			rs in Box No. IV. The applicant may, within one tts to this Authority.	
6.	With regard to the drawings ,				
a.	the figure of the drawings to be public	shed with the abstract is	s Figure No. 1		
	X as suggested by the ap	plicant.			
	as selected by this Aut	hority, because the app	licant failed to suggest a fig	gure.	
	as selected by this Aut	hority, because this figu	ure better characterizes the	invention.	
b.	b. none of the figures is to be published with the abstract.				

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2017/XXXXXX

because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically: See Supplemental Box 3. Claims Nos: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a) Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet) This International Searching Authority found multiple inventions in this international application, as follows: 1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. 2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees. 3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:	Box No. II	Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
because they relate to subject matter not required to be searched by this Authority, namely: the subject matter listed in Rule 39 on which, under Article 17(2)(a)(i), an international search is not required to be carried out, including 2. X Claims Nos: 14-15 because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically: See Supplemental Box 3. Claims Nos: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a) Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet) This International Searching Authority found multiple inventions in this international application, as follows: 1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. 2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees. 3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:		ational search report has not been established in respect of certain claims under Article 17(2)(a) for the following
the subject matter listed in Rule 39 on which, under Article 17(2)(a)(i), an international search is not required to be carried out, including 2. X Claims Nos: 14-15 because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically: See Supplemental Box 3. Claims Nos: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a) Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet) This International Searching Authority found multiple inventions in this international application, as follows: 1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. 2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees. 3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:	1.	Claims Nos.:
2. X Claims Nos: 14-15 because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically: See Supplemental Box 3. Claims Nos: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a) Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet) This International Searching Authority found multiple inventions in this international application, as follows: 1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. 2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees. 3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:		because they relate to subject matter not required to be searched by this Authority, namely:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically: See Supplemental Box 3. Claims Nos:		
an extent that no meaningful international search can be carried out, specifically: See Supplemental Box 3. Claims Nos: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a) Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet) This International Searching Authority found multiple inventions in this international application, as follows: 1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. 2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees. 3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:	2. X	Claims Nos.: 14-15
3. Claims Nos: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a) Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet) This International Searching Authority found multiple inventions in this international application, as follows: 1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. 2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees. 3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:		
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a) Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet) This International Searching Authority found multiple inventions in this international application, as follows: 1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. 2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees. 3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:		See Supplemental Box
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a) Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet) This International Searching Authority found multiple inventions in this international application, as follows: 1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. 2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees. 3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:		
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a) Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet) This International Searching Authority found multiple inventions in this international application, as follows: 1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. 2. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees. 3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:		
Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet) This International Searching Authority found multiple inventions in this international application, as follows: As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:	3.	
This International Searching Authority found multiple inventions in this international application, as follows: 1.		because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a)
 As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.: 	Box No. II	Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
searchable claims. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:	This Interna	ational Searching Authority found multiple inventions in this international application, as follows:
searchable claims. As all searchable claims could be searched without effort justifying additional fees, this Authority did not invite payment of additional fees. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:		
payment of additional fees. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.: No required additional search fees were timely paid by the applicant. Consequently, this international search report is	1.	
covers only those claims for which fees were paid, specifically claims Nos.:	2.	
No required additional search fees were timely paid by the applicant. Consequently, this international search report is	3.	
No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:		
Remark on Protest The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.	Remark or	The additional scarciffices were accompanied by the applicant's protest and, where applicable,
The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.		
No protest accompanied the payment of additional search fees.		No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2017/XXXXXX

A. CLASSIFICATION OF SUBJECT MATTER A61B 5/11 (2006.01) According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. Documents are listed in the continuation of Box C See patent family annex X Further documents are listed in the continuation of Box C Special categories of cited documents: "A" document defining the general state of the art which is not later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory considered to be of particular relevance underlying the invention "E" "X" earlier application or patent but published on or after the document of particular relevance; the claimed invention cannot be considered novel international filing date or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or document of particular relevance; the claimed invention cannot be considered to which is cited to establish the publication date of another involve an inventive step when the document is combined with one or more other citation or other special reason (as specified) such documents, such combination being obvious to a person skilled in the art "O" document referring to an oral disclosure, use, exhibition document member of the same patent family "P" document published prior to the international filing date but later than the priority date claimed Date of the actual completion of the international search Date of mailing of the international search report 21 June 2017 21 June 2017 Name and mailing address of the ISA/AU **Authorised officer** AUSTRALIAN PATENT OFFICE Patents Examiner AUSTRALIAN PATENT OFFICE PO BOX 200, WODEN ACT 2606, AUSTRALIA (ISO 9001 Quality Certified Service) Email address: pct@ipaustralia.gov.au Telephone No. +61262830000

	INTERNATIONAL SEARCH REPORT I	nternational application No.
C (Continuat	on). DOCUMENTS CONSIDERED TO BE RELEVANT	PCT/AU2017/XXXXXX
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2015/015999 A1 (ABC PTY LTD) 02 March 2015 Abstract, para [0037], [0039], [0042], [0061]-[0065], [0068], Figs. 3-6.	1-13

Form PCT/ISA/210 (fifth sheet) (revised January 2019)

INTERNATIONAL SEARCH REPORT	International application No.
	PCT/AU2017/XXXXXX
Supplemental Box	
Continuation of Box II Claims 14-15 do not comply with Rule 6.2(a) because they rely on references to the description	and/or drawings
Claims 14-13 do not comply with Rule 0.2(a) because they felly off references to the description	and/or drawings,
Form PCT/ISA/210 (Supplemental Box) (revised January 2019)	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2017/XXXXXX

This Annex lists known patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document/s Cited in Search Report		Patent Family Member/s		
Publication Number	Publication Date	Publication Number	Publication Date	
WO 2015/015999 A1	02 March 2015	WO 2015015999 A1	02 March 2015	
End of Annex				

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.