505072257 08/30/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BOON KOK TAN	08/22/2018

RECEIVING PARTY DATA

Name:	OXFORD UNIVERSITY INNOVATION LIMITED
Street Address:	BUXTON COURT
Internal Address:	3 WEST WAY
City:	OXFORD
State/Country:	GREAT BRITAIN
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16080972

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ATTORNEY DOCKET NUMBER:	BARBR2.006APC
NAME OF SUBMITTER:	STEVEN P. RUDEN
SIGNATURE:	/Steven P. Ruden/
DATE SIGNED:	08/30/2018

Total Attachments: 4

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> PATENT REEL: 046756 FRAME: 0943

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CONFIRMATORY ASSIGNMENT

WHEREAS, **BOON KOK TAN**, an individual residing at 15 Juxon Street, Jericho OX2 6DL, Oxford, United Kingdom (hereinafter "ASSIGNOR"), represents and warrants that he is a joint owner of the following patent applications each titled "FOUR WAVE MIXING TRANSMISSION LINE" (hereinafter "the Patent Applications"):

<u>Jurisdiction</u>	Application No.	Application Date	<u>Status</u>
Great Britain	1603700.4	3 March 2016	Terminated
WIPO	PCT/GB2017/050572	3 March 2017	Pending

WHEREAS, **OXFORD UNIVERSITY INNOVATION LIMITED**, a university having offices at Buxton Court, 3 West Way, Oxford, Oxfordshire, OX2 0JB, Great Britain, United Kingdom, previously known as Isis Innovation Limited prior to a formal name change (hereinafter "ASSIGNEE"), acquired ASSIGNOR's entire right, title, and interest in, to, and under the Patent Applications by way of an Assignment dated 13 December 2016; and

WHEREAS, ASSIGNEE desires to confirm that it acquired ASSIGNOR's entire right, title, and interest in, to, and under the Patent Applications;

NOW, THEREFORE, with consideration to ASSIGNOR, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR and ASSIGNEE, ASSIGNOR hereby further acknowledges that he has sold, assigned, transferred, and conveyed by an Assignment dated 13 December 2016, and by these presents does hereby sell, assign, transfer and convey, unto ASSIGNEE, its successors, legal representatives, and assigns, ASSIGNOR's entire right title, and interest in, to, and under the Patent Applications and all patents that may be granted thereon, and all provisional and other applications relating thereto (including, but not limited to, national phase filings of PCT/GB2017/050572, filed 3 March 2017), and all divisions, continuations, reissues, reexaminations, renewals, and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent that may hereafter be filed in any country; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent resulting from the Patent Applications to ASSIGNEE, its successors, legal representatives, and assigns, in accordance with the terms of this Agreement.

ASSIGNOR has sold, assigned, transferred, and conveyed by the Assignment dated 13 December 2016, and by these presents does hereby sell, assign, transfer, and convey, to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of the Patent Applications before or after issuance.

ASSIGNOR hereby covenants and agrees that he will communicate to ASSIGNEE, its successors, legal representatives, and assigns any facts known to ASSIGNOR respecting the Patent Applications immediately upon becoming aware of those facts, and that he will testify in any legal proceeding involving any of the Patent Applications, will sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and will generally do everything possible to aid ASSIGNEE, its successors, legal representatives, and assigns to obtain patents on and to enforce the Patent Applications in all countries.

PATENT REEL: 046756 FRAME: 0944 [The remainder of this page is intentionally left blank. Two (2) signature pages follow.]

> PATENT REEL: 046756 FRAME: 0945

PATENT			Page 3 of 4
ASSIGNOR: BOO	N KOK TAN		
Printed Name:		Date:	24/2118
	Signature before a Notal signed in presence of a Notal documentation. When not have countersigned by a will	otary, please attach the signed in the present	ne appropriate notarial
WITNESS: PROF.	GHASSAN YASSIN		

Printed Name: <u>CL.ss. Yasci</u> Date: <u>22/8/2018</u>

PATENT REEL: 046756 FRAME: 0946

PATENT				Page 4 of
ASSIGNEE: OXFO	ORD UNIVERSITY INNOVATION LIMITE	D		
Ву:	<u> </u>	••••	Date:	
Printed Name:			Title:	
	Signature before a Notary is desiration signed in presence of a Notary, please documentation. When not signed in the have countersigned by a witness.	9 :	attach t	the appropriate notarial

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