# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PAUL JOHN CANNARD	05/17/2012
DAVID GRAHAM MOODIE	05/17/2012
XIN CHEN	05/17/2012
MICHAEL JAMES ROBERTSON	05/17/2012

#### **RECEIVING PARTY DATA**

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## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Patent Number:	8809092

## **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	MARK W. WILSON
SIGNATURE:	/ Mark W. Wilson /
DATE SIGNED:	01/22/2018

**Total Attachments: 4** 

**PATENT** REEL: 044686 FRAME: 0946

EPAS ID: PAT4786179

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PATENT REEL: 044686 FRAME: 0947

#### ASSIGNMENT

WHEREAS, we, Paul John Cannard, of Woodbridge, United Kingdom, David Graham Moodie, of Sufolk, United Kingdom, Xin Chen, of Ipswich, United Kingdom, and Michael James Robertson, of Ipswich, United Kingdom, have invented a certain invention, entitled GENERATING AND DETECTING RADIATION, for which the following patent applications have been filed:

UNITED KINGDOM 0912512.1, filed on July 17, 2009;

PCT/GB2010/051173, filed on July 19, 2010;

U.S. Patent Application No. 13/384,214, filed on January 13, 2012.

WHEREAS, The Centre for Integrated Photonics Ltd., organized under the laws of the United Kingdom, having a place of business at Phoenix House, Adastral Park, Martlesham Heath, Ipswich, IP5 3RE, United Kingdom, desires to acquire an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Paul John Cannard, David Graham Moodie, Xin Chen, and Michael James Robertson hereby sell, assign and transfer to The Centre for Integrated Photonics Ltd., the full and exclusive right, title and interest in and to said invention, patent applications and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute International Applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, patent applications and letters patent in this or any foreign country, and all corresponding non-provisional applications, divisions, continuations, continuations-in-part, reissues and extensions thereof, to be held and enjoyed by The Centre for Integrated Photonics Ltd., for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted the United States or any foreign country, as fully and entirely as the same would have been held by us had this assignment and sale not been made, and covenant that we have full right so to do, and agree that we will communicate to The Centre for Integrated Photonics Ltd., or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all

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rightful oaths, and do everything possible to aid The Centre for Integrated Photonics Ltd., its successors and assigns to obtain and enforce proper patent protection for said invention in the United States or any foreign country.

We confirm that at the time the invention was made, we were under an obligation to assign the invention to The Centre for Integrated Photonics Ltd.

We hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Assignment any further information which may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

Executed at the place and date opposite our respective signatures below.

Executed at	C.I.P	, United Kingdom, this 17th day of
_MAY		
/	<b>ົ</b> ງ	Paul John Cannard
Witnessed by	<del>you</del>	. 0
Name (Print) DAVID  Date: Mbk May	CARNEGIE ROGERS 2012	<u>.</u>
Executed at,		, United Kingdom, this 17th day of
	2012.	Bluki
		David Graham Moodie
Witnessed by	Keres	
Name (Print) AVIA	CARNEGLE ROCERS	>
Date: Mb May	2012	

Executed atCIP	, United Kingdom, this <u>17</u> day of
Mary , 2012.	
^	Xin Chen
Witnessed by	
Name (Print) DAVID CARNEGIE BORERS	_
Date: 17th May 2012	
Executed at CIP  May, 2012.	, United Kingdom, this 17 H day of
, 2012.	Mw Want
	Michael James Robertson
Witnessed by	_
Name (Print) DAVID CARLEGIE ROGERS	$ar{\underline{z}}$
Date: 17th May 2012	_
<b>\</b>	

PATENT REEL: 044686 FRAME: 0951

**RECORDED: 01/22/2018**