PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PETER KENINGTON	03/08/2014
STEFAN THIEL	02/27/2014
GARETH SMITH	02/27/2014
MICHAEL JOSEPH FLANAGAN	03/03/2014

RECEIVING PARTY DATA

Name:	JDSU UK LIMITED
Street Address:	SPINNAKER HOUSE, LIME TREE WAY, HAMPSHIRE INT BUSINESS PARK
Internal Address:	CHINEHAM, BASINGSTOKE
City:	HAMPSHIRE
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Postal Code:	RG24 8GG

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14141871

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	60975-124629
NAME OF SUBMITTER:	FRANK M. SCUTCH, III
SIGNATURE:	/Frank M. Scutch, III/
DATE SIGNED:	03/19/2014

Total Attachments: 5

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PATENT REEL: 032470 FRAME: 0239

U.S. NATIONAL / INTERNATIONAL PCT APPLICATION ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: <u>60975-124629</u> Client No.: <u>24100-US</u>

ASSIGNMENT

For the continued business relationship and other good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged,
Dr. Peter Kenington
Stefan Thiel
Gareth Smith
Michael Joseph Flanagan
maker(s) of an invention which is the subject of a United States Utility Patent Application identified by Application No. 14/141,871 and filing date December 27, 2013; entitled:
METHOD AND APPARATUS FOR DERIVING INDOOR/OUTDOOR CLASSIFICATION INFORMATION
(hereinafter the "Application(s)") hereby sell(s), assign(s), and set(s) over to:
JDSU UK Limited
Spinnaker House, Lime Tree Way, Hampshire Int Business Park
Chineham, Basingstoke, Hampshire RG24 8GG
United Kingdom
(hereinafter the "Assignee") their entire right, title and interest in, to and under the Application(s) throughout the world, including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, which may be granted for such inventions or any of them, all such inventions and all rights in such Application(s) and any counterpart

(hereinafter the "Assignee") their entire right, title and interest in, to and under the Application(s) throughout the world, including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and any counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reissue(s), reexamination(s) thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and

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claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said Application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

IN WITNESS WHEREOF, I ha	ive executed the	nis assignment this 8th day of MARCA	,2014
AR Kenne	1-		
Inventor's Signature		•	
Dr. Peter Kenington			•
Printed Name	•		
Date8/3/14	_ Witness_	Nokelala	
~ \$/2/10	XX /*4	Dun L Breedond	

IN WITNESS WHEREOF, I have	e executed this assignment this 27 day of FeSmary 2014
Ma Min	
Inventor's Signature	
Stefan Thiel Printed Name	
Date 27 Fob 2014	Witness Shull GARETH SMFTH
27 SE (2014	Mas May CARIS MURKHY

IN WITNESS WHEREOF, I have	ve executed this assignment this 27	lay of Febuury, 2014.
(Kendl)		.)
Inventor's Signature		
Gareth Smith Printed Name	· .	
Date 27, Feb. 2014	Witness My Man	STEFAN THIEZ
Du 27 FEB 2014	Winne Mrs Kerry	CHRIS MURYHI

IN WITNESS WHEREOF, I have e	executed this assignment this day of, 2015/
Mucha Joseph How Inventor's Signature	
Michael Joseph Flanagan Printed Name	
Date3/3/14	Witness A Did
Date 3/3/14	Witness Surken Buy as

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