502785187 04/28/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IAM C. KHOO	04/28/2014

RECEIVING PARTY DATA

Name:	THE PENN STATE RESEARCH FOUNDATION	
Street Address:	304 OLD MAIN	
City:	UNIVERSITY PARK	
State/Country:	PENNSYLVANIA	
Postal Code:	16802	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14231367

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	DOUGLAS L. WATHEN
SIGNATURE:	/DOUGLAS L. WATHEN/
DATE SIGNED:	04/28/2014

Total Attachments: 1

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PATENT REEL: 032768 FRAME: 0394

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H	S	Serial	No	14/231,367
v.	u.	OULIAL	iiu.	14/231.30/

Docket No. PSU 2014-4198

ASSIGNMENT

FOR VALUE RECEIVED, and pursuant to my obligations under my employment agreements/appointments with THE PENNSYLVANIA STATE UNIVERSITY ("University"), I, <u>IAM C. KHOO</u>, hereby sell, assign and transfer unto the University's designee, THE PENN STATE RESEARCH FOUNDATION, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest in and to all subject matter invented by me and disclosed or claimed in an application for Letters Patent of the United States of America, entitled:

"APPARATUS AND METHOD FOR STABILIZING THE TEMPERATURE OF A PHOTONIC CIRCUIT"

signed by me on the date set forth below; and in and to any and all continuations, continuations-in-part, divisions, reissues, renewals, extensions, substitutions, additions or reexaminations of such application and any U.S. patents issuing thereon; and in and to any and all corresponding international and foreign applications for Letters Patent and any foreign patents issuing thereon; and all Convention and Treaty Rights of any kind, in all countries throughout the world, for all such subject matter; together with all claims for damages by reason of future, present and past infringement, with the right to sue for and collect the same for assignee's use and on behalf of assignee's successors, assigns and legal representative.

I request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing, maintaining and enforcing patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

I authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at University Park, Pennsylvania, this	s 28 th day of April, 2014.
Witness: Knued Imger 5	Signed: Signed:
STATE OF PENNSYLVANIA	iam C. Khoo
	: ss:
COUNTY OF CENTRE	:
State atoresato, appeared <u>Iam C. Knoo</u>	, 2014, before me, a Notary Public in and for the county and to me personally known to be the person whose name is subscribed to the the executed said instrument as his free and voluntary act for the uses and purposes

Witness my hand and seal the day and year last above given.

Votaty Publishmonwealth of Pennsylvania

Notarial Seal Donna A. Jones, Notary Public State College Boro, Centre County My Commission Expires April 18, 2015

MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARLES
PATENT

REEL: 032768 FRAME: 0395

RECORDED: 04/28/2014