

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5472662

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GAURAV BAHL	04/04/2019
DONGGYU BENJAMIN SOHN	04/05/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
<b>Street Address:</b>	506 SOUTH WRIGHT STREET
<b>Internal Address:</b>	352 HENRY ADMINISTRATION BUILDING
<b>City:</b>	URBANA
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	61801
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	62624151
<b>Application Number:</b>	16259775
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(216)363-4588
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	2163634500
<b>Email:</b>	patent@beneschlaw.com
<b>Correspondent Name:</b>	BENESCH, FRIEDLANDER, COPLAN & ARONOFF LLP
<b>Address Line 1:</b>	200 PUBLIC SQUARE
<b>Address Line 2:</b>	SUITE 2300
<b>Address Line 4:</b>	CLEVELAND, OHIO 44114
<b>ATTORNEY DOCKET NUMBER:</b>	47590-00011
<b>NAME OF SUBMITTER:</b>	VINCENT J. GNOFFO, REG. NO. 44714
<b>SIGNATURE:</b>	/Vincent J. Gnoffo/
<b>DATE SIGNED:</b>	04/12/2019
<b>Total Attachments: 2</b>	
source=47590-11_Assignment#page1.tif	
source=47590-11_Assignment#page2.tif	

ASSIGNMENT

For valuable and sufficient consideration from The Board of Trustees of the University of Illinois (hereinafter referred to as "Assignee"), an Illinois corporation having its principal place of business at 352 Henry Administration Building, 506 South Wright Street, Urbana, Illinois 61801, receipt of such consideration being hereby acknowledged, we,

1.  
Gaurav Bahl Lane  
2119 Leahs Avenue Apt. 23  
Champaign, IL 61822

2.  
Donggyu Benjamin Sohn  
1720 E. Colorado Avenue Apt. 201  
Urbana, IL 61801

hereby sell, assign and convey unto Assignee, its successors and assigns, our entire right, title and interest: in and to an invention entitled "System and Method For Breaking Time-Reversal Symmetry With Acoustic Pumping of Nanophotonic Circuits" for which we have executed a United States Patent Application filed on January 28, 2019, which received Application No. 16/259,775, and U.S. Provisional Patent Application No. 62/624,151, filed on January 31, 2018.

We agree that any patent applications of any countries foreign to the United States which may be filed under any applicable international treaties and/or conventions based upon said invention(s) shall be filed in the name of Assignee with the right to claim priority to any earlier filed applications based upon said invention(s).

We hereby further agree that we shall, upon demand of Assignee, its successors or assigns, and without further consideration to me, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to be a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

We hereby further agree and authorize the Commissioner of Patents and Trademarks of the United States and all other appropriate government officials for applicable countries foreign to the United States to issue any and all above-identified patents to Assignee.

Gaurav Bahl

Inventor:

Inventor's Signature:

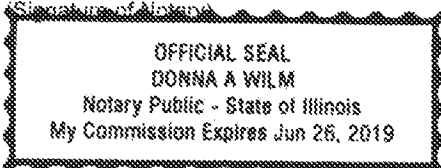
Date:

State of Illinois  
County of Champaign

This instrument was acknowledged before me this 4 day of April, 2019, by

Donna A. Wilms  
(name of signer)

Donna A. Wilms  
(Signature of Notary)



Donna A. Wilms  
(Name of Notary Typed, Stamped, or Printed)  
Notary Public, State of Illinois

11879939 v1

Inventor: Donggyu Benjamin Sohn

Inventor's Signature:

Benjamin Sohn

Date:

April 5 2019

State of Illinois

County of Champaign

This instrument was acknowledged before me this 5 day of April, 2019, by .

Donna A. Wilm  
(name of signer)

Donna A. Wilm  
(Signature of Notary)

Donna A. Wilm  
(Name of Notary Typed, Stamped, or Printed)  
Notary Public, State of Illinois

