

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SHENZHEN UNIVERSITY	08/10/2019
RECEIVING PARTY DATA	
Name:	SHENZHEN UNIVERSITY
Street Address:	NO. 3688 NANHAI AVENUE, NANSHAN DISTRICT
City:	SHENZHEN
State/Country:	CHINA
Postal Code:	518060
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15253765
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ATTORNEY DOCKET NUMBER:	D-SZDX-00101-NUS
NAME OF SUBMITTER:	ZHENG BIAO OUYANG
SIGNATURE:	/Zhengbiao Ouyang/
DATE SIGNED:	08/10/2019
Total Attachments: 2	
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ASSIGNMENT

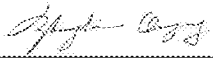
WHEREAS, Zhengbiao Ouyang, (herein after collectively referred to as "Assignor"), having an address of No. 3688 Nanhai Avenue, Nanshan District, Shenzhen, Guangdong, is the sole and exclusive of the invention described in the following patent and/or patent applications, and is the sole and exclusive of the intellectual property rights in and to the subject matter of the following patent and/or patent applications:

PCT International Patent Application. PCT/CN2015/076043 entitled "2D Square Lattice Photonic Crystal Based on Hollow Cylinder and Connecting Plates", and US Application Serial No. 15/253,765, filed on August 31, 2016.

WHEREAS, Shenzhen University. (the "Assignee"), having a place of business at No. 3688 Nanhai Avenue, Nanshan District, Shenzhen, Guangdong, and desires to acquire the entire right, title and interest in and to the invention, the patents, the applications, any letters patent that may be granted for the invention in the United States and it) any and all foreign countries, all rights associated with the invention, patents and/or patent applications and all rights to recover that may stem from the invention and patent applications in the United States and in any and all foreign countries.

NOW, THEREFORE, in consideration of the recitals, set forth above and set out in the any Acquisition Agreement executed contemporaneously herewith, if any, and for other valuable consideration, the receipt and sufficiency of which are hereby acknowledged; Assign or hereby sells, quit claims, assigns and transfers to Assignee, the entire right, title and interest in and to the invention, the patents, the applications and any and all letters patent which may be granted for the invention or result from the applications in the United States and throughout the world, and in and to any and all divisions, reissues; continuations, continuations-in-part, reexamination certificates, utility models or other applications or intellectual property rights of any type covering the invention or based upon or claiming priority to either of the applications or any related application, together with all rights of Assignor associated therewith, including the right to file additional U. S. and foreign applications for the inventions directly in the name of Assignee and to claim priority rights deriving from the applications by virtue of U. S. laws, international conventions; treaty or otherwise, and to sue for and collect damages by reason of

past, present or future infringement. The invention, patents, applications, all letters patent which may be granted for the invention, and all other intellectual property rights covering the invention or based upon or claiming priority to the applications or any related applications shall be held and enjoyed by Assignee and its success or s and assigns as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment, transfer and sale not been made. Assignor hereby authorizes and requests the respective national, regional and international patent offices to issue to Assignee all letters patent which may be granted for the invention or result from the applications. Assignor agrees to execute all instruments end documents required for the making and prosecution of these and related applications for United States and foreign letters patent on the invention, for litigation regarding any related letters patent, or for the purpose of establishing or protecting title to the invention or letters patent therefor.

Assignor Name Zhengbiao Ouyang
Assignor Signature 
Assignor Title Professor
Date 2019-08-02

Assignee Name Shenzhen University
Assignee Signature 
Assignor Title Director
Date 2019-08-05