

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Zhengbiao OUYANG</td> <td>01/12/2012</td> </tr> <tr> <td>Qiong WANG</td> <td>01/12/2012</td> </tr> </tbody> </table>		Name	Execution Date	Zhengbiao OUYANG	01/12/2012	Qiong WANG	01/12/2012						
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Shenzhen University</td> </tr> <tr> <td>Street Address:</td> <td>No. 3688, Nanhai Avenue</td> </tr> <tr> <td>Internal Address:</td> <td>Nanshan District</td> </tr> <tr> <td>City:</td> <td>Shenzhen, Guangdong</td> </tr> <tr> <td>State/Country:</td> <td>CHINA</td> </tr> <tr> <td>Postal Code:</td> <td>518060</td> </tr> </table>		Name:	Shenzhen University	Street Address:	No. 3688, Nanhai Avenue	Internal Address:	Nanshan District	City:	Shenzhen, Guangdong	State/Country:	CHINA	Postal Code:	518060
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CORRESPONDENCE DATA													
<p>Fax Number: (866)335-6496 Phone: 434-962-7544 Email: mail@jacksonipg.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Demian K. Jackson Address Line 1: 106 Starvale Lane Address Line 4: Shipman, VIRGINIA 22971</p>													
ATTORNEY DOCKET NUMBER:	7002.230												
NAME OF SUBMITTER:	Demian K. Jackson												
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ASSIGNMENT

7002.230

WHEREAS, I (we), **Zhengbiao OUYANG, Qiong WANG**

whose post office address(es) appear below, hereinafter referred to as ASSIGNOR, is (are) the owner(s) of certain new and useful improvements in

PHOTONIC CRYSTAL THREE-PORT CIRCULATOR

(Hereinafter referred to as the INVENTION) for which an application for United States Letters Patent was

☐ executed on even date herewith

☐ executed on:

☐ filed on: **November 29, 2010**

Serial No.:

☒ established by PCT International Patent Application No.: **PCT/CN2010/079232**

WHEREAS, **Shenzhen University**

whose post office address is **No. 3688, Nanhai Avenue, Nanshan District, Shenzhen, Guangdong, China 518060**

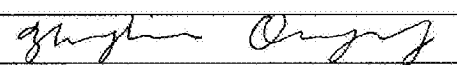
hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and throughout the world;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all United States Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application; and the entire right, title and interest in and to the said INVENTION throughout the world, including the right to apply for patents and inventor certificates in respect thereof and to claim priority pursuant to rights accorded ASSIGNOR under the terms of the Paris International Convention and all other available international conventions and treaties; and the entire right, title and interest in and to any and all patents, patents of addition, utility models, patents of importation, revalidation patents and inventor certificates which may be granted throughout the world in respect of said INVENTION.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) or inventor certificate(s) in the United States and in foreign countries for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes **Jackson Intellectual Property Group PLLC** to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

Assignor Name Zhengbiao OUYANG	Address No. 3688, Nanhai Avenue, Nanshan District, Shenzhen, Guangdong, China 518060
Where Signed Shenzhen, Guangdong, China	
Date January 12, 2012	Signature 
ss.	
(Notarization preferred but not required)	
Before me personally appeared said _____	
And acknowledged this instrument to be his (her) free act and deed this _____ day	
of _____, 2012.	
Notary Public _____	
My Commission Expires: _____	

☐ Continued on Next page

ASSIGNMENT

Page: 2

<i>Assignor Name</i> Qiong WANG	<i>Address</i> No. 3688, Nanhai Avenue, Nanshan District, Shenzhen, Guangdong, China 518060
<i>Where Signed</i> Shenzhen, Guangdong, China	
<i>Date</i> January 12, 2012	<i>Signature</i> <u>Qiong Wang</u>
ss. (Notarization preferred but not required)	
Before me personally appeared said _____ And acknowledged this instrument to be his (her) free act and deed this _____ day of _____, 2012.	
_____ Notary Public My Commission Expires: _____	

<i>Assignor Name</i>	<i>Address</i>
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