

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>Dongning Wang</td> <td>02/29/2012</td> </tr> <tr> <td>Ying Wang</td> <td>02/24/2012</td> </tr> <tr> <td>Minwei Yang</td> <td>02/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	Dongning Wang	02/29/2012	Ying Wang	02/24/2012	Minwei Yang	02/21/2012
Name	Execution Date								
Dongning Wang	02/29/2012								
Ying Wang	02/24/2012								
Minwei Yang	02/21/2012								
RECEIVING PARTY DATA									
Name:	The Hong Kong Polytechnic University								
Street Address:	Hung Hom								
City:	Kowloon								
State/Country:	HONG KONG								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12633782</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12633782				
Property Type	Number								
Application Number:	12633782								
CORRESPONDENCE DATA									
Fax Number:	(703)647-6009								
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	The Hong Kong Polytechnic University								
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Address Line 4:	Hung Hom, Kowloon, HONG KONG								
ATTORNEY DOCKET NUMBER:	IP-609A								
NAME OF SUBMITTER:	Wing Tam								
<p>Total Attachments: 4 source=IP609A_assignment#page1.tif source=IP609A_assignment#page2.tif source=IP609A_assignment#page3.tif source=IP609A_assignment#page4.tif</p>									

CH \$40.00 12633782

PATENT

ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No.: IP-609A

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the undersigned,
Dongning WANG, Ying WANG & Minwei YANG

hereby sell, assign, and transfer to The Hong Kong Polytechnic University
a University of Hong Kong,
(Type of Assignee: e.g., corporation, company, partnership, university, etc.)

having a principal place of business at Hung Hom, Kowloon, Hong Kong ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

MICROHOLE-STRUCTURED LONG PERIOD FIBER GRATING

said patent application also identified as follows (when known):

[we hereby authorize an attorney or agent for said Assignee(s) to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number 12/633,782 filed on 12/08/2009, and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;


agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said inventions or improvements and for

vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

First Joint Inventor: Please Sign and Date Below:

02/29/2012 (MM/DD/YYYY)
Date


Signature

Dongning WANG
Printed/Typed Name

Second Joint Inventor: Please Sign and Date Below:

07/24/2012 (MM/DD/YYYY)
Date

Ying Wang
Signature

Ying WANG
Printed/Typed Name

Third Joint Inventor: Please Sign and Date Below:

02-21-2012 (MM/DD/YYYY)
Date

Minwei Yang
Signature

Minwei YANG
Printed/Typed Name