

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Eric Mazur</td> <td>02/14/2005</td> </tr> <tr> <td>Limin Tong</td> <td>02/18/2005</td> </tr> <tr> <td>Rafael Gattass</td> <td>01/31/2005</td> </tr> </tbody> </table>		Name	Execution Date	Eric Mazur	02/14/2005	Limin Tong	02/18/2005	Rafael Gattass	01/31/2005
Name	Execution Date								
Eric Mazur	02/14/2005								
Limin Tong	02/18/2005								
Rafael Gattass	01/31/2005								
RECEIVING PARTY DATA									
Name:	President and Fellows of Harvard College								
Street Address:	17 Quincy Street								
City:	Cambridge								
State/Country:	MASSACHUSETTS								
Postal Code:	02138								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12169173</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12169173				
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Application Number:	12169173								
CORRESPONDENCE DATA									
Fax Number:	(617)432-2788								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	617-432-0454								
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Address Line 4:	Cambridge, MASSACHUSETTS 02138								
ATTORNEY DOCKET NUMBER:	2270								
NAME OF SUBMITTER:	Anne Craig								

Total Attachments: 10
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Assignment

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: JUNE 1, 2005

Signature: 

(Reza Mollaaghatababa)

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this _____ day of _____, _____, by Eric Mazur; Limin Tong; and Rafael Gattass (hereinafter referred to as Assignors), residing at 57 Lowell Road, Concord, Massachusetts 01742; 45-104 Qiu Shi Cun, Zhejiang University, Hangzhous, 310027, China; and 3 Durham Street, Apt. 3, Somerville, Massachusetts 02143, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in SUBWAVELENGTH-DIAMETER SILICA WIRES FOR LOW-LOSS OPTICAL WAVEGUIDING, set forth in a Patent application for Letters Patent of the United States, already filed on December 15, 2004 as U.S. Application No. 11/013,198; and

WHEREAS, PRESIDENT & FELLOWS OF HARVARD COLLEGE, a Massachusetts educational and charitable corporation commonly known as Harvard University, having his or her principal place of business at 17 Quincy Street, Cambridge, Massachusetts 02138 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, his or her successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and

in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for his or her own use and benefit and the use and benefit of his or her successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, his or her successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, his or her successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, his or her successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of his or her successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, his or her successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

NUTTER MCCLENNEN & FISH LLP

All practitioners at Customer Number 021125

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Eric Mazur

Eric Mazur

Date: 2/14/05

On this 14th day of February, 2005 before me, the undersigned notary public, personally appeared Eric Mazur, proved to me through satisfactory evidence of identification, which were driver's license to be the person whose name is signed on the preceding or attached document, and Acknowledged to me that he signed it voluntarily for its stated purpose.

Ruth L. DeMone

(Official signature and seal of notary)

1388 RUTH L. DeMONE, Notary Public
My Commission Expires Apr. 16, 2010
Commonwealth of Massachusetts

Limin Tong

Limin Tong

Date: Feb 18, 2005

On this _____ day of _____, _____ before me, the undersigned notary public, personally appeared Limin Tong, proved to me through satisfactory evidence of identification, which were _____, to be the person whose name is signed on the preceding or attached document, and Acknowledged to me that he signed it voluntarily for its stated purpose.

(official signature and seal of notary)

1388012.1


Rafael Gattass

Date: Jan 31 2005

On this 31 day of January, 2005 before me, the undersigned notary public, personally appeared Rafael Gattass, proved to me through satisfactory evidence of identification, which were Dennis Kencen to be the person whose name is signed on the preceding or attached document, and Acknowledged to me that he signed it voluntarily for its stated purpose.

 (official signature and seal of notary)

1388012.1

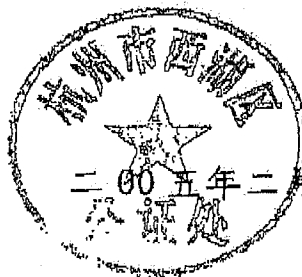
公 证 书

(2005) 浙杭西证外字第 194 号

兹证明童利民(男,一九六九年八月三十一日出生)于二〇〇五年二月十八日来到我处,在我的面前,在前面的《ASSIGNMENT BY INVENTORS》上签名。

中华人民共和国浙江省杭州市西湖区公证处

公 证 员 **危文明**



二〇〇五年二月十八日

XII 02686938

NOTARIAL CERTIFICATE
(Translation)

(2005) ZHXZW.Zi.NO.194

This is to certify that Tong Limin (male, Birth Date August 31,1969) came to my office to sign on the preceding ASSIGNMENT BY INVENTORS before me on February 18, 2005.

Notary: Pang Wenming (Signature)

Notary Public Office of

Xihu District, Hangzhou City (Seal)

Zhejiang Province,

The People's Republic of China

February 18, 2005

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证 明 书

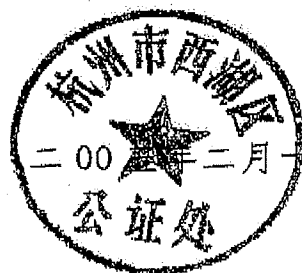
(2005) 浙杭西证外字第 195 号

兹证明前面的 (2005) 浙杭西证外字第 194 号《公证书》的英文译本内容与该公证书中文原本相符。

中华人民共和国浙江省杭州市西湖区公证处

公 证 员

庞文明



XII 02686935

CERTIFICATE

(Translation)

(2005) ZHXZW.ZI.NO.195

This is to certify that the English copy attached hereto is in conformity with the original Chinese copy of the *Notarial Certificate* (2005) ZHXZW.Zi.No.194.

Notary: Pang Wenming (Signature)

Notary Public Office of

Xihu District, Hangzhou City, (Seal)

Zhejiang Province,

The People's Republic of China

February 18, 2005

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