

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>Alexander Stolyarov</td> <td>12/20/2011</td> </tr> <tr> <td>Lei Wei</td> <td>12/20/2011</td> </tr> <tr> <td>Ofer Shapira</td> <td>12/21/2011</td> </tr> <tr> <td>Fabien Sorin</td> <td>12/22/2011</td> </tr> <tr> <td>Yoel Fink</td> <td>12/22/2011</td> </tr> <tr> <td>John D. Joannopoulos</td> <td>12/16/2011</td> </tr> </tbody> </table>		Name	Execution Date	Alexander Stolyarov	12/20/2011	Lei Wei	12/20/2011	Ofer Shapira	12/21/2011	Fabien Sorin	12/22/2011	Yoel Fink	12/22/2011	John D. Joannopoulos	12/16/2011
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John D. Joannopoulos	12/16/2011														
RECEIVING PARTY DATA															
Name:	Massachusetts Institute of Technology														
Street Address:	77 Massachusetts Ave.														
City:	Cambridge														
State/Country:	MASSACHUSETTS														
Postal Code:	02139														
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>13323059</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13323059										
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Application Number:	13323059														
CORRESPONDENCE DATA															
Fax Number:	(617)258-6790														
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Email:	mitdocket@mit.edu														
<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:	Sam Pasternack														
Address Line 1:	77 Massachusetts Ave.														
Address Line 2:	NE18-501														
Address Line 4:	Cambridge, MASSACHUSETTS 02139														
ATTORNEY DOCKET NUMBER:	15001.111958														

OP \$40.00 13323059

NAME OF SUBMITTER:

Sam Pasternack

Total Attachments: 8

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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned, Alexander Stolyarov of 73 Dover St., Somerville, MA 02144; Lei Wei of 284 Harvard St. Apt. 61, Cambridge, MA 02139; Ofer Shapira of 88 Hancock St., Cambridge, MA 02139; Fabien Sorin of 8 Impasse de Wattignies, Paris, 75012 France; Yoel Fink of 100 Columbia St. U2, Brookline, MA 02446; John D. Joannopoulos of 64 Douglas Road, Belmont, MA 02478 hereby

Sells, assigns and transfers to Massachusetts Institute of Technology, having a place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts, 02139, its successors, assigns and legal representatives, all hereinafter referred to as the ASSIGNEE, his/her entire right, title and interest for the United States and all foreign countries; in and to any and all inventions which are disclosed in the application for United States Letters Patent "MICROFLUIDIC RADIAL FIBER LASER" given serial number 13/323059, and filed December 12, 2011 (Attorney Docket No.: 15001.111958) in and to said application and all divisional, continuing, substitute, renewal, reissue, reexamination or other application for Letters Patent which has been or shall be filed in the United States or any foreign country on any of said inventions, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agrees that said ASSIGNEE may apply for and receive Letters Patent for said inventions in its own name and when requested, without charge to but at the expense of said ASSIGNEE, agrees to carry out in good faith the intent and purpose of this Assignment by executing all divisional, continuing, substitute, renewal, reissue, reexamination and all other patent applications on any and all said inventions; by executing all rightful declarations, oaths, assignments and other papers; by communicating to said ASSIGNEE all facts known to him/her relating to said inventions and the history thereof, and generally by doing everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said ASSIGNEE. Each of the undersigned also hereby appoints ASSIGNEE as its common agent for purposes of prosecuting international patent applications and any material patent applications for which such common agency is recognized.

Hereby requests the Director of the United States Patent and Trademark Office and non-U.S. patent authorities to issue said Letters Patent to said ASSIGNEE.

Covenants with said ASSIGNEE that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by him/her, and that full right to convey the same as herein expressed is possessed by him/her.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

12/20/11

A. Stolyar

Date

Inventor:

Alexander Stolyarov

Address:

73 Dover St.
Somerville, MA 02144

Citizenship:

United States of America

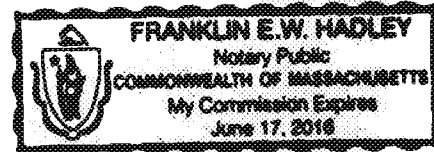
STATE/Commonwealth of Massachusetts

COUNTY OF Middlesex

On this 20th day of December, 2011, before me, the undersigned notary public, personally appeared Alexander Stolyarov, proved to me through satisfactory evidence of identification, which were personal knowledge of identity, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL Franklin E. W. Hadley

My commission expires 17 June 2016



12/20/2011

Lei Wei

Date

Inventor:

Lei Wei

Address:

284 Harvard St. Apt. 61
Cambridge, MA 02139

Citizenship:

China

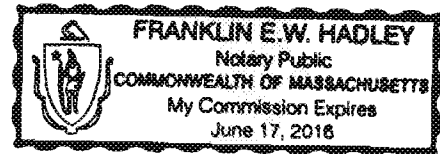
STATE/Commonwealth of Massachusetts

COUNTY OF Middlesex :

On this 20th day of December, 2011, before me, the undersigned notary public, personally appeared Lei Wei, proved to me through satisfactory evidence of identification, which were personal knowledge of identity, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL [Signature]

My commission expires 17 June 2016



12/21/2011

osh

Date

Inventor:

Ofer Shapira

Address:

88 Hancock St. #15
Cambridge, MA 02139

Citizenship:

Israel

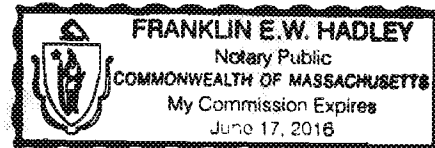
STATE/Commonwealth of Massachusetts

COUNTY OF Middlesex :

On this 21st day of December, 2011, before me, the undersigned notary public, personally appeared Ofer Shapira, proved to me through satisfactory evidence of identification, which were personal knowledge of identity, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

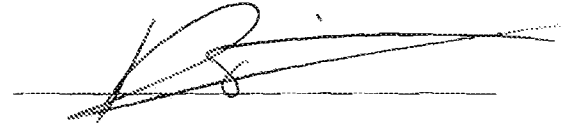
SEAL [Signature]

My commission expires 17 June 2016



22nd Dec 2011

Date



Inventor: Fabien Sorin

Address: 8 Impasse de Wattignies
Paris, 75012 France

Citizenship: France

Rémi LACROIX

WITNESS SIGNATURE



22 dec 2011
DATE

Valérie BARDELLA

WITNESS SIGNATURE



22 décembre 2011
DATE

12/29/11
Date

[Signature]
Inventor: Yoel Fink

Address: 100 Columbia St. U2
Brookline, MA 02446

Citizenship: United States of America

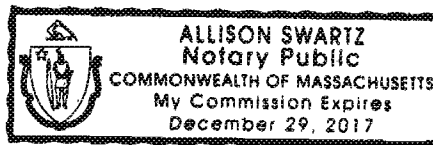
STATE/Commonwealth of Massachusetts

COUNTY OF Middlesex :

On this 22 day of December, 2011, before me, the undersigned notary public, personally appeared Yoel Fink, proved to me through satisfactory evidence of identification, which were MA Drivers License, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL Allison Swartz

My commission expires 12/29/2017



16 Dec 11
Date

[Signature]
Inventor: John D. Joannopoulos

Address: 64 Douglas Road
Belmont, MA 02478

Citizenship: United States of America

STATE/Commonwealth OF Massachusetts

COUNTY OF Middlesex :

On this 16 day of December, 2011, before me, the undersigned notary public, personally appeared John D. Joannopoulos, proved to me through satisfactory evidence of identification, which were personal knowledge of identity, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL [Signature]

My commission expires 17 June 2016

