

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Franz X. Kaertner	09/23/2009
Erich P. Ippen	06/05/2009
Hyunil Byun	06/09/2009
Jian Chen	06/09/2009
Dominik Pudo	06/12/2009
RECEIVING PARTY DATA	
Name:	Massachusetts Institute of Technology
Street Address:	77 Massachusetts Avenue
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02139
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12475674
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Address Line 4:	Cambridge, MASSACHUSETTS 02142
ATTORNEY DOCKET NUMBER:	MIT-13277
NAME OF SUBMITTER:	Robert J. Sayre

OP \$40.00 12475674

Total Attachments: 7

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ASSIGNMENT

WHEREAS, We, Franz X. Kaertner, Erich P. Ippen, Hyunil Byun, Jian Chen, each at Massachusetts Institute of Technology, 77 Massachusetts Avenue, Cambridge, Massachusetts 02139, and Dominik Pudo, at Defence Research and Development Canada – Valcarti, 2459 Pie-XI Blvd North, Quebec, Quebec G3J 1X5, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on June 1, 2009, which application was assigned U.S. patent application serial number 12/475,674, and is entitled HIGH-REPETITION-RATE GUIDED-MODE FEMTOSECOND LASER;

AND WHEREAS, Massachusetts Institute of Technology, a corporation organized and existing under and by virtue of the laws of the Commonwealth of Massachusetts, and having an office and place of business at 77 Massachusetts Avenue, Cambridge, Massachusetts 02139 (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

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

IN TESTIMONY WHEREOF, I have hereunto set my hand this 23 day of
September, 2009.

Franz X. Kaertner

Franz X. Kaertner

STATE OF Massachusetts)

)

COUNTY OF Middlesex)

On this 23 day of September, 2009 before me personally appeared Franz X. Kaertner, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Carolyn Z. Sheete

Notary Public

IN TESTIMONY WHEREOF, I have hereunto set my hand this 5th day of
June, 2009.



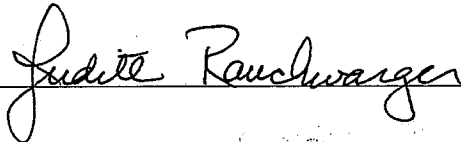
Erich P. Ippen

STATE OF Massachusetts)

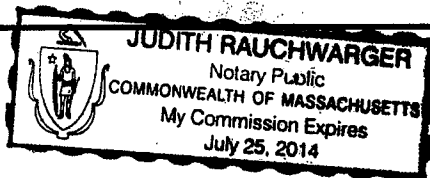
COUNTY OF Middlesex)

On this 5th day of June, 2009 before me personally appeared Erich P. Ippen, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

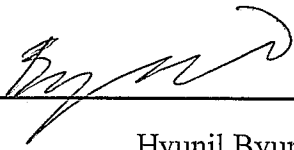
[SEAL]



Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this 9 day of
June, 2009.

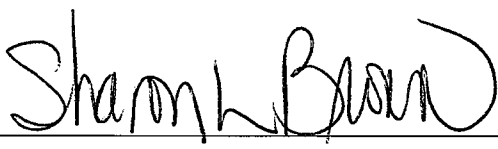


Hyunil Byun

STATE OF Massachusetts)

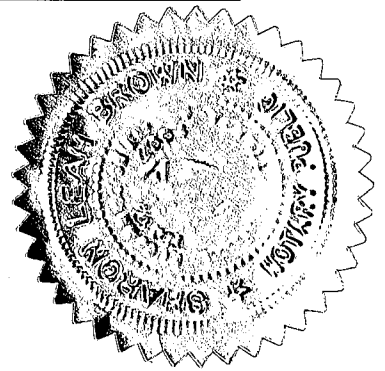
COUNTY OF Middlesex)

On this 9 day of June, 2009 before me personally appeared Hyunil Byun, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

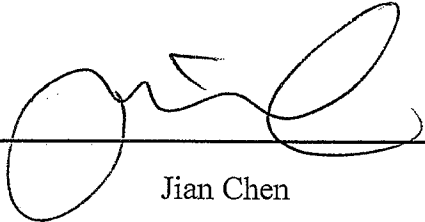
[SEAL] 

MY COMMISSION EXPIRES DECEMBER 1, 2011

Notary Public



IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of
June, 2009.

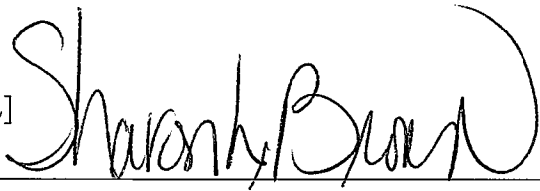


Jian Chen

STATE OF Massachusetts)

COUNTY OF Middlesex)

On this 9th day of June, 2009 before me personally appeared Jian Chen, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL] 

Notary Public

MY COMMISSION EXPIRES DECEMBER 1, 2011

