

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Feruz Ganikhanov	10/10/2007
Silvia Carrasco	10/08/2007
Xiaoliang Sunney Xie	10/25/2007

RECEIVING PARTY DATA

Name:	President and Fellows of Harvard College
Street Address:	1350 Massachusetts Avenue
City:	Cambridge
State/Country:	MASSACHUSETTS
Postal Code:	02138

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11778838

CORRESPONDENCE DATA

Fax Number: (617)426-2275

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Address Line 4: Boston, MASSACHUSETTS 02110

ATTORNEY DOCKET NUMBER:

HARVARD.7817

NAME OF SUBMITTER:

Matthew E. Connors

Total Attachments: 4

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**PATENT**

**REEL: 020040 FRAME: 0915**

Harvard.7817

**ASSIGNMENT**

Know all men by these presents that:

WHEREAS we, Feruz Ganikhanov  
14 Glenview Drive  
Annandale, NJ 08801

and

Silvia Carrasco  
534 Columbus Ave., Apt. 62  
Boston, MA 02118

and

Xiaoliang Sunney Xie  
135 Grant Street  
Lexington, MA 02420

have made an invention for

**SYSTEM AND METHOD FOR PROVIDING A TUNABLE OPTICAL PARAMETRIC  
OSCILLATOR LASER SYSTEM THAT PROVIDES DUAL FREQUENCY OUTPUT FOR  
NON-LINEAR VIBRATIONAL SPECTROSCOPY AND MICROSCOPY**

described in the application filed in the United States Patent Office on July 17, 2007, as Serial No. 11/778,838. This application is a continuation of International Patent Application No. PCT/US06/01736 filed on January 19, 2006, which claims priority under 35 USC §119(e) from United States Provisional Patent Application Serial No. 60/645,890 filed January 21, 2005; and

WHEREAS President and Fellows of Harvard College a corporation duly organized and existing under the laws of Massachusetts and having a place of business at 1350 Massachusetts Avenue, Cambridge, MA 02138, for the benefit of itself, its successors and assigns, all inclusively hereinafter referred to as the Assignee, is desirous of acquiring the entire right, title and interest in and to the said invention, the said application, all inventions disclosed in said application and any and all Letters Patent of the United States and of all other countries which may be granted for the said invention or inventions, or any of them;

NOW, THEREFORE, for good and valuable consideration provided by said Assignee, the receipt whereof is hereby acknowledged, we do hereby sell, assign and transfer to the said Assignee the entire right, title and interest in and to the said invention, inventions and application, including all priority rights arising therefrom, all inventions disclosed in said application, and any and all Letters Patent of the United States, and of all other countries, together with the right to apply for such Letters Patent, which may be granted for the said invention, inventions or any of them,

TO HAVE, HOLD AND ENJOY the said invention, the said application, and the said Letters Patent, to said

**President and Fellows of Harvard College**

its successors and assigns, to its and their own use and behoof to the full end of the term or terms for which the said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us had this assignment and sale not been made.

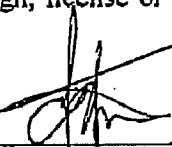
AND we hereby authorize and request the Commissioner of Patents of the United States and the appropriate officers of all foreign patent offices to issue any and all Letters Patent which may be granted on the said application or applications above referred to, or for the said invention, or any of them, to the said Assignee in accordance with the terms of this instrument.

AND we hereby agree to execute and sign without further consideration any other legal document and any other assignments and any divisional, continuing, renewal, reissue or other application in and for all patents that may be appropriate and may be deemed necessary by the Assignee fully to secure to said Assignee its interests as aforesaid in and to the said invention or any part thereof and in and to the said patents or any of them.

AND we further covenant and agree that we will at any time upon request communicate to the said Assignee, its successors, assigns or other legal representatives, any facts known to us relating to the said invention and any patent that may be granted thereon, and will testify as to the same in any interference or litigation when requested to do so.

AND we hereby covenant for ourselves and our legal representatives that we have not hitherto assigned or granted any license to make, use or sell said invention, and that we will not henceforth purport to assign, license or execute any instrument to that effect in conflict with this assignment.

10/10/07  
Date

  
\_\_\_\_\_  
FERUZ GANIKHANOV

\_\_\_\_\_  
Date

\_\_\_\_\_  
SILVIA CARRASCO

\_\_\_\_\_  
Date

\_\_\_\_\_  
XIAOLIANG SUNNEY XIE

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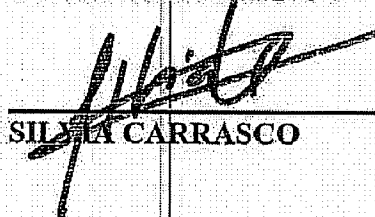
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Date

*October 8th, 07*

Date

FERUZ GANIKHANOV



SILVIA CARRASCO

Date

XIAOLIANG SUNNEY XIE

TO HAVE, HOLD AND ENJOY the said invention, the said application, and the said Letters Patent, to said

**President and Fellows of Harvard College**

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FERUZ GANIKHANOV

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SILVIA CARRASCO

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Date

  
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**PATENT**