

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHRISTIAN W. FREUDIGER	04/25/2012
DAN FU	04/25/2012
XIAOLIANG SUNNEY XIE	04/25/2012
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14297082
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>DATE SIGNED:</b>	07/11/2017
<b>Total Attachments: 3</b>	
source=US 13_351831 - Assignment from HU inventors#page1.tif	
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## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

**Xiaoliang Sunney Xie, Christian W. Freudiger and Dan Fu**

(hereafter "Assignors") hereby assign, sell, and transfer to:

**President and Fellows of Harvard College  
17 Quincy Street, Cambridge, Massachusetts 02138**

(hereafter "Assignee") its successors and assigns, Assignors' entire right, title and interest throughout the world in and to any and all inventions and improvements for:

**Laser Illumination Systems and Methods for Dual-Excitation Wavelength  
Non-Linear Optical Microscopy and Micro-Spectroscopy Systems**

described in **U.S. Patent Application No. 13/351,831** filed January 17, 2012; and in and to the aforesaid application(s), in any form or embodiment thereof, and in and to any application filed in this and any foreign country based thereon, including the right to file said applications and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

Assignors hereby warrant that they have full right to convey their entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

Assignors further agree, without further payment or compensation by said Assignee or its successors and assigns, to communicate to said Assignee, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignee, its representatives or agents, or its successors or assigns to secure, obtain and enforce proper

patent protection for said invention or inventions in this and any foreign country.

The undersigned hereby authorize assignee or assignee's representative to insert into this Assignment said application serial number(s) and filing date(s) if not known at the time of execution of this assignment.

4/25/12  
Date

Xie  
Xiaoliang Sunney Xie

4/25/12  
Date

Lawrence Valles  
Witness

Lawrence Valles  
Witness's Printed Name

04/25/12  
Date

Christian W. Freudiger  
Christian W. Freudiger

4/25/12  
Date

Lawrence Valles  
Witness

LAWRENCE VALLES  
Witness's Printed Name

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Date

Dan Fu  
Dan Fu

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Lawrence Valles  
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