

PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Arseny VASILYEV	06/15/2011
RECEIVING PARTY DATA	
Name:	CALIFORNIA INSTITUTE OF TECHNOLOGY
Street Address:	1200 E. California Blvd. MC 210-85
City:	Pasadena
State/Country:	CALIFORNIA
Postal Code:	91125
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13031050
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ATTORNEY DOCKET NUMBER:	P721-US
NAME OF SUBMITTER:	Daniel Ueno
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PATENT

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REEL: 026522 FRAME: 0099

ASSIGNMENT

We, Richard C. FLAGAN, residing in the United States with a mailing address at 3190 San Pasqual, Pasadena, CA. 91107,

Amnon YARIV, residing in the United States with a mailing address at 480 Madeline Dr., Pasadena, CA. 91105,

Jason GAMBA, residing in the United States with a mailing address at 63 N. Roosevelt Ave., #5, Pasadena, CA. 91107,

Naresh SATYAN, residing in the United States with a mailing address at 1040 E. Del Mar Blvd., #202B, Pasadena, CA. 91106,

Jacob SENDOWSKI, residing in the United States with a mailing address at 1104 E. Del Mar Blvd., Pasadena, CA. 91106, and

Arseny VASILYEV, residing in the United States with a mailing address at 446 S. Catalina Ave., #201, Pasadena, CA. 91106,

hereby sell and assign for good and valuable consideration, the receipt of which we hereby acknowledge,

to **CALIFORNIA INSTITUTE OF TECHNOLOGY**, an entity having its principal place of business in the United States at 1200 E. California Blvd. MC 210-85, Pasadena, CA 91125

hereinafter referred to as the assignee, its successors, assigns and nominees, our entire right, title and interest, including all priority rights under U.S. law and/or International conventions and treaties, in and to the **"SWEPT-FREQUENCY SEMICONDUCTOR LASER COUPLED TO MICROFABRICATED BIOMOLECULAR SENSOR AND METHODS RELATED THERETO"** invented by us, as described and/or claimed in U.S. Provisional Application No. 61/306,379, filed on February 19, 2010, in the corresponding U.S. Patent Application No. 13/031,050, filed on February 18, 2011, and in any other related

patent applications filed and/or to be filed not only for, to and in the United States of America its territories and possessions, but also for, to and in all other countries, including any and all divisions, reissues, continuations, continuations-in-part and extensions of said U.S. Patent Application and any and all International patent applications related to said U.S. Provisional Application No. 61/306,379 and/or U.S. Patent Application No. 13/031,050, and authorize and request any officials whose duty it is to issue patents, to issue any patent on said **"SWEPT-FREQUENCY SEMICONDUCTOR LASER COUPLED TO MICROFABRICATED BIOMOLECULAR SENSOR AND METHODS RELATED THERETO"** and/or improvements thereof or resulting therefrom to said assignee or its successors, assigns or nominees, and agree to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part and/or reissue applications, make all rightful oaths and/or declarations and generally do everything possible to aid said assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in the United States of America and in all other countries.

Subscribed and executed at PASADENA CA USA
City Country
On 6/14/2011
Date

Inventor Name: Richard C. FLAGAN

Inventor Signature Richard E. Bryant

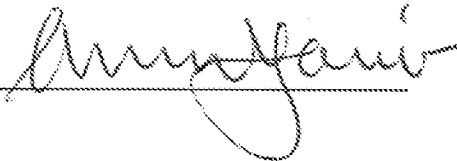
Witnessed by:

Witness Name: Anne Hermann Signature [Signature]

Witness Name: Karen Brummette Signature: [Signature]

Subscribed and executed at Pasadena, CA USA
City Country
On 6/15/11
Date

Inventor Name: Amnon YARIV

Inventor Signature 

Witnessed by:

Witness Name: Yaakov Vilenshik Signature Y. Vilenshik

Witness Name: Sinan Zhar Signature Sinan Zhar

Subscribed and executed at Pasadena, CA USA
City Country
On Jun 15 2011
Date

Inventor Name: Jason GAMBA

Inventor Signature 

Witnessed by:

Witness Name: Marcy Fowler Signature Marcy Fowler

Witness Name: Anne Hornum Signature Anne Hornum

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On 6/15/11
Date

Inventor Name: Naresh SATYAN

Inventor Signature Naresh Satyan

Witnessed by:

Witness Name: Yaakov Vilenchik Signature Y. Vilenchik

Witness Name: Sinan Zhao Signature Sinan Zhao

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On 6/15/11
Date

Inventor Name: Jacob SENDOWSKI

Inventor Signature Jacob Sendowski

Witnessed by:

Witness Name: Yaakov Vilenchik Signature Y. Vilenchik

Witness Name: Christos Santis Signature Christos Santis

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On 6/15/2011
Date

Inventor Name: Arseny VASILYEV

Inventor Signature Arseny Vasilyev

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Witness Name: Alexander Mouschovias Signature Alexander Mouschovias

Witness Name: Christos Santis Signature [Signature]