

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>Ryohei Urata</td> <td>09/06/2013</td> </tr> <tr> <td>Pedram Zare Dashti</td> <td>09/09/2013</td> </tr> <tr> <td>Cedric Fung Lam</td> <td>09/06/2013</td> </tr> <tr> <td>Xiangjun Zhao</td> <td>09/09/2013</td> </tr> <tr> <td>Hong Liu</td> <td>09/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	Ryohei Urata	09/06/2013	Pedram Zare Dashti	09/09/2013	Cedric Fung Lam	09/06/2013	Xiangjun Zhao	09/09/2013	Hong Liu	09/06/2013
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<table border="1"> <tr> <td>Name:</td> <td>Google Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1600 Amphitheatre Parkway</td> </tr> <tr> <td>City:</td> <td>Mountain View</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94043</td> </tr> </table>		Name:	Google Inc.	Street Address:	1600 Amphitheatre Parkway	City:	Mountain View	State/Country:	CALIFORNIA	Postal Code:	94043		
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CORRESPONDENCE DATA													
<p>Fax Number: 2485668437 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2485668470 Email: odudley@honigman.com Correspondent Name: Honigman Miller Schwartz and Cohn LLP Address Line 1: 350 East Michigan Avenue Address Line 2: Suite 300 Address Line 4: Kalamazoo, MICHIGAN 49007</p>													
ATTORNEY DOCKET NUMBER:	231441-344127												
NAME OF SUBMITTER:	Brett A. Krueger												

CH \$40.00 14023104

Signature:	/Brett A. Krueger/
Date:	09/11/2013
Total Attachments: 3 source=assignment#page1.tif source=assignment#page2.tif source=assignment#page3.tif	

ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, Ryohei Urata of 650 Dartmouth Ave., San Carlos, CA 94070; Pedram Zare Dashti of 1661 Las Piedras Court, Los Gatos, CA 95032; Cedric Fung Lam of 3230 Lori Court, Belmont, CA 94002, Xiangjun Zhao of 41076 Davila Ct., Fremont, CA 94539; and Hong Liu of 1850 Webster Street, Palo Alto, CA 94301 hereby assign to: Google Inc., a corporation of Delaware having a place of business at: 1600 Amphitheatre Parkway, Mountain View, California 94043; and its successors and assigns (collectively hereinafter called “the Assignee”), the entire right, title and interest, including the right to sue for past infringement, throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled Wavelength Tunable Laser, filed 09/10/2013, and assigned U.S. Serial Number 14/023,104, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors’ certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.


Yilan Gao (Sep 8, 2013)

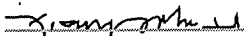
Cedric Fung Lam

Witnessed by:

Signature

Date: _____

Typed or Printed Name


Xiangjun Zhao (Sep 9, 2013)

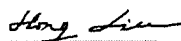
Xiangjun Zhao

Witnessed by:

Signature

Date: _____

Typed or Printed Name


Hong Liu (Sep 6, 2013)


Hong Liu

Witnessed by:

Signature

Date: _____

Typed or Printed Name


Ryohei Urata (Sep 9, 2013)

Ryohei Urata

Witnessed by:

Signature

Date: _____

Typed or Printed Name


Pedram Zare Dashti (Sep 9, 2013)

Pedram Zare Dashti

Witnessed by:

Signature

Date: _____

Typed or Printed Name