

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ERIC HC LIU	04/13/2016
KEVIN D. BRUNE	04/13/2016
YOSHIMICHI MATSUOKA	04/13/2016
GILBERT CABILLIC	04/19/2016
GAURAV SHAH	04/13/2016
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15130404
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NAME OF SUBMITTER:	DAVID W. HAARS
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DATE SIGNED:	05/09/2016
Total Attachments: 2	
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JOINT INVENTION ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, we, Eric HC Liu, a citizen of United States, residing in Redwood City, California; Kevin D. Brune, a citizen of United States, residing in Maple Valley, Washington; Yoshimichi Matsuoka, a citizen of Japan, residing in Sunnyvale, California; Gilbert Cabillic, a citizen of France, residing in Brece, France; and Gaurav Shah, a citizen of India, residing in San Jose, California, as assignors, have made an invention entitled

“DETERMINING NETWORK CONFIGURATIONS FOR A MODULAR COMPUTING ENTITY” as described in a patent application for U.S. Letters Patent executed by me on even date herewith, which is about to be filed in the U.S. Patent and Trademark Office; and

WHEREAS, Google Inc., 1600 Amphitheatre Parkway, Mountain View, California 94043, a corporation organized and existing under the laws of the State of Delaware, as assignee, is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and all rights to sue and recover for past, present, and future infringement thereof, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Agreement.

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN WITNESS WHEREOF, the Assignors have executed this document on the date indicated below:

<p>DocuSigned by:  DB46C04E516943A...</p>	<p>Eric HC Liu</p>	<p>4/13/2016</p>
		Date
<p>DocuSigned by:  B3DD02B85769483...</p>	<p>Kevin D. Brune</p>	<p>4/13/2016</p>
		Date
<p>DocuSigned by:  C7E358C04F6F483...</p>	<p>Yoshimichi Matsuoka</p>	<p>4/13/2016</p>
		Date
<p>DocuSigned by:  EE93935CE2AE475...</p>	<p>Gilbert Cabillic</p>	<p>4/19/2016</p>
		Date
<p>DocuSigned by:  79309C54713A471...</p>	<p>Gaurav Shah</p>	<p>4/13/2016</p>
		Date