

## PATENT ASSIGNMENT

Electronic Version v1.1

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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>Nicola Ann Crane</td> <td>06/11/2013</td> </tr> <tr> <td>Jamieson Robert Kerns</td> <td>06/11/2013</td> </tr> <tr> <td>Shiva Rama Krishna Jaini</td> <td>06/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	Nicola Ann Crane	06/11/2013	Jamieson Robert Kerns	06/11/2013	Shiva Rama Krishna Jaini	06/11/2013		
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RECEIVING PARTY DATA											
<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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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 248-433-7200</p> <p>Email: TBolling@dickinsonwright.com</p> <p>Correspondent Name: Dickinson Wright, PLLC</p> <p>Address Line 1: 2600 W Big Beaver Road Suite 300</p> <p>Address Line 4: Troy, MICHIGAN 48084</p>											
ATTORNEY DOCKET NUMBER:	51247-193										
NAME OF SUBMITTER:	Vishnu V. Ramaswamy										
Signature:	/Vishnu V. Ramaswamy/										
Date:	06/14/2013										
<p>Total Attachments: 2</p> <p>source=51247_193_Assignment#page1.tif</p> <p>source=51247_193_Assignment#page2.tif</p>											

OP \$40.00 13917808

**ASSIGNMENT**

For valuable consideration, we, Nicola Ann Crane of San Francisco, CA, Jamieson Robert Kerns, of Santa Monica, CA, and Shiva Rama Krishna Jaini of Santa Clara, CA 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 throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled **ADAPTIVELY SERVING COMPANION SHARED CONTENT**, filed June 14, 2013, and assigned U.S. Serial Number 13/917,808, 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.

N.A. Crane  
Nicola Ann Crane Jun 11, 2013

Nicola Ann Crane  
First Inventor

Date: Jun 11, 2013

Jamieson Robert Kerns  
Jamieson Robert Kerns Jun 11, 2013

Jamieson Robert Kerns  
Second Inventor

Date: Jun 11, 2013

J.S.K.  
Shiva Rama Krishna Jaini Jun 11, 2013

Shiva Rama Krishna Jaini  
Third Inventor

Date: Jun 11, 2013