

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3113609

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JESSIE LYNNE NEWMAN	11/10/2014
FRANK PAPE III	11/12/2014
ALI AKHAVAN BITAGHSIR	11/10/2014
BRIAN SCHNEIDER	11/10/2014
JAMES MICHAEL MCCOLLUM	11/11/2014
ERIC HUAYU ZHANG	11/10/2014
RACHEL WERNER BARTON	11/10/2014
MARC MILLER	11/17/2014
RISHI SHARMA	11/10/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GOOGLE INC.
<b>Street Address:</b>	1600 AMPHITHEATRE PARKWAY
<b>City:</b>	MOUNTAIN VIEW
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94043
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14547086
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)235-9492
<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>	
<b>Phone:</b>	6506174000
<b>Email:</b>	Pharrison@ropesgray.com
<b>Correspondent Name:</b>	ROPES & GRAY LLP
<b>Address Line 1:</b>	1900 UNIVERSITY AVENUE
<b>Address Line 2:</b>	6TH FLOOR
<b>Address Line 4:</b>	EAST PALO ALTO, CALIFORNIA 94303-2284
<b>ATTORNEY DOCKET NUMBER:</b>	108827-1299-101
<b>NAME OF SUBMITTER:</b>	PAMELA HARRISON

PATENT

<b>SIGNATURE:</b>	/Pamela Harrison/
<b>DATE SIGNED:</b>	11/18/2014
<b>Total Attachments: 4</b> source=108827-1299-101_Assignment#page1.tif source=108827-1299-101_Assignment#page2.tif source=108827-1299-101_Assignment#page3.tif source=108827-1299-101_Assignment#page4.tif	

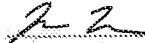
**ASSIGNMENT**

For valuable consideration, we, JESSIE LYNNE NEWMAN, residing in New York, New York, FRANK PAPE, residing in Cortlandt Manor, New York, ALI AKHAVAN BITAGHSIR, residing in New York, New York, BRIAN SCHNEIDER, residing in Brooklyn, New York, JAMES MICHAEL MCCOLLUM, residing in Brooklyn, New York, ERIC HUAYU ZHANG, residing in Jersey City, New Jersey, RACHEL BARTON, residing in Golden, Colorado, MARC MILLER, residing in New York, New York and RISHI SHARMA, residing in San Francisco, California hereby assign to:

Google Inc., a corporation of Delaware having a place of business at: 1600 Amphitheatre Parkway, Mountain View, California 94043;

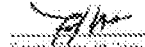
and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled **OPENING LOCAL APPLICATIONS FROM BROWSERS** filed November 18, 2014 and assigned U.S. Serial Number 14/547,086 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 my name 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.

  
\_\_\_\_\_  
Jessie Lynne Newman (Date: 10/20/14)


JESSIE LYNNE NEWMAN

Date: Nov 10, 2014

  
\_\_\_\_\_  
Frank Pape III (Date: 12/09/14)

FRANK PAPE

Date: Nov 12, 2014

  
\_\_\_\_\_  
Ali Akhavan Bitaghsir (Date: 11/20/14)

ALI AKHAVAN BITAGHSIR

Date: Nov 10, 2014

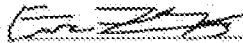
\_\_\_\_\_  
BRIAN SCHNEIDER

Date: \_\_\_\_\_

  
\_\_\_\_\_  
James Michael McCollum (Date: 11/20/14)

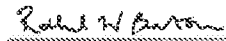
JAMES MICHAEL MCCOLLUM

Date: Nov 11, 2014

  
\_\_\_\_\_  
Eric Huayu Zhang (Date: 10/20/14)

ERIC HUAYU ZHANG

Date: Nov 10, 2014

  
\_\_\_\_\_  
Rachel W. Barton (Date: 10/20/14)

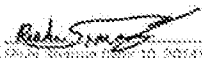
RACHEL BARTON

Date: Nov 10, 2014

  
\_\_\_\_\_  
Marc Miller (Date: 11/17/14)

MARC MILLER

Date: Nov 17, 2014

  
\_\_\_\_\_  
Rishi Sharma (Date: 10/20/14)

RISHI SHARMA

Date: Nov 10, 2014

**ASSIGNMENT**

For valuable consideration, we, JESSIE LYNNE NEWMAN , residing in New York, New York, FRANK PAPE, residing in Cortlandt Manor, New York, ALI AKHAVAN BITAGHSIR, residing in New York, New York, BRIAN SCHNEIDER, residing in Brooklyn, New York, JAMES MICHAEL MCCOLLUM, residing in Brooklyn, New York, ERIC HUAYU ZHANG, residing in Jersey City, New Jersey, RACHEL BARTON, residing in Golden, Colorado, MARC MILLER, residing in New York, New York and RISHI SHARMA, residing in San Francisco, California 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 **OPENING LOCAL APPLICATIONS FROM BROWSERS** filed November 18, 2014 and assigned U.S. Serial Number 14/547,086 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 my name 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.

\_\_\_\_\_  
JESSIE LYNNE NEWMAN

Date: \_\_\_\_\_

\_\_\_\_\_  
FRANK PAPE

Date: \_\_\_\_\_

\_\_\_\_\_  
ALI AKHAVAN BITAGHSIR

Date: \_\_\_\_\_

*Brian Schneider*  
Brian Schneider Nov 10, 2014  
\_\_\_\_\_  
BRIAN SCHNEIDER

Date: Nov 10, 2014

\_\_\_\_\_  
JAMES MICHAEL MCCOLLUM

Date: \_\_\_\_\_

\_\_\_\_\_  
ERIC HUAYU ZHANG

Date: \_\_\_\_\_

\_\_\_\_\_  
RACHEL BARTON

Date: \_\_\_\_\_

\_\_\_\_\_  
MARC MILLER

Date: \_\_\_\_\_

\_\_\_\_\_  
RISHI SHARMA

Date: \_\_\_\_\_