

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT4360413

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Craig D. Chambers	08/23/2016
Ashish Raniwala	08/13/2010
Frances J. Perry	08/13/2010
Stephen R. Adams	08/13/2010
Robert R. Henry	08/16/2010
Robert Bradshaw	08/13/2010
Nathan Weizenbaum	08/13/2010
<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>	15483044
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<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>	(202) 626-6378
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<b>Correspondent Name:</b>	BRIAN J. GOLDBERG
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<b>ATTORNEY DOCKET NUMBER:</b>	16113-2090004
<b>NAME OF SUBMITTER:</b>	LORI L. STEWART
<b>SIGNATURE:</b>	/Lori L. Stewart/
<b>DATE SIGNED:</b>	04/10/2017

PATENT

**Total Attachments: 6**

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ASSIGNMENT

For valuable consideration, we, CRAIG D. CHAMBERS of 1239 NE 95th Street, Seattle, WA 98115, ASHISH RANIWALA of 9108 124th Avenue NE, Kirkland, WA 98033, FRANCES J. PERRY of 3530 NE 91st Street, Seattle, WA 98115, STEPHEN R. ADAMS of 2324 N 55th Street, Seattle, WA 98103, ROBERT R. HENRY of 4328 Sunnyside Ave N, Seattle, WA 98103-7661, ROBERT BRADSHAW of 9408 Lake City Way, Seattle, WA 98115, and NATHAN WEIZENBAUM of 5637 12th Street, Seattle, WA 98105, 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 PARALLEL PROCESSING OF DATA, filed 6/4/2010, and assigned U.S. Serial Number 12/794,348, 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 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.

Craig Chambers  
CRAIG D. CHAMBERS

Witnessed by:

Arunabha Ghosh  
Signature

Date: 23-Aug-2016

ARUNABHA GHOSH  
Typed or Printed Name

651 N 34<sup>th</sup> St  
Seattle, WA  
Witness Address

\_\_\_\_\_  
ASHISH RANIWALA

Witnessed by:

\_\_\_\_\_  
Signature

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

\_\_\_\_\_  
Typed or Printed Name

\_\_\_\_\_  
Witness Address

\_\_\_\_\_  
CRAIG D. CHAMBERS

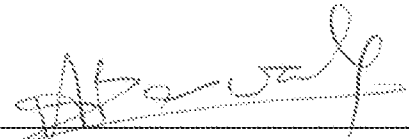
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Signature

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

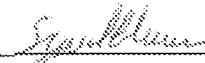
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Typed or Printed Name

\_\_\_\_\_  
Witness Address

  
\_\_\_\_\_

ASHISH RANIWALA

Witnessed by:

  
\_\_\_\_\_  
Signature

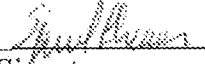
Date: 8/13/2010

Suzanne Cherem  
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Witness Address

  
FRANCES J. PERRY


Witnessed by:

  
Signature

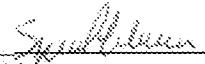
Date: 8/13/2010

Sigmund Chorem  
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STEPHEN R. ADAMS

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Witness Address

Robert R. Henry  
ROBERT R. HENRY

Witnessed by:

Andrew Thornton  
Signature

Date: 16 Aug 2010

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325 22ND AVE E  
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Witness Address

Robert Bradshaw  
ROBERT BRADSHAW

Witnessed by:

Sigmund Chernin  
Signature

Date: 8/13/2010

Sigmund Chernin  
Typed or Printed Name

7519 29TH AVE NW  
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Nathan Weizenbaum  
NATHAN WEIZENBAUM

Witnessed by:

Symind Cherem  
Signature

Date: 8/13/2010

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Typed or Printed Name

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