

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2852234

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	XINLIANG DAVID LI	05/06/2009
	RAKSIT ASHOK	03/06/2009
	ROBERT HUNDT	03/09/2009
<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>	14275338	
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(248)566-8437	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>		
<b>Phone:</b>	2485668470	
<b>Email:</b>	odudley@honigman.com	
<b>Correspondent Name:</b>	HONIGMAN MILLER SCHWARTZ AND COHN LLP	
<b>Address Line 1:</b>	350 EAST MICHIGAN AVENUE	
<b>Address Line 2:</b>	SUITE 300	
<b>Address Line 4:</b>	KALAMAZOO, MICHIGAN 49007	
<b>ATTORNEY DOCKET NUMBER:</b>	231441-356841	
<b>NAME OF SUBMITTER:</b>	BRETT A. KRUEGER	
<b>SIGNATURE:</b>	/Brett A. Krueger/	
<b>DATE SIGNED:</b>	05/13/2014	
<b>Total Attachments: 3</b>		
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ASSIGNMENT

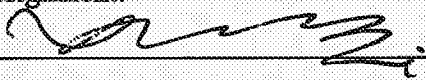
For valuable consideration, we, XINLIANG DAVID LI of 837 Mulberry Lane, Sunnyvale, CA 94087, RAKSIT ASHOK of 1225 Vincente Drive Apt 1, Sunnyvale, CA 94086, ROBERT HUNDT of 650 Hale Street, Palo Alto, CA 94301, hereby assign to:

Google Inc., a corporation of Delaware having a place of business at:

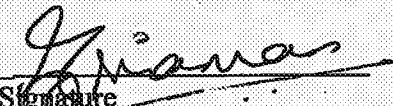
1600 Amphitheatre Parkway  
Mountain View, California 94043; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled FEEDBACK-DIRECTED INTER-PROCEDURAL OPTIMIZATION, filed 2/27/2009, and assigned U.S. Serial Number 12/395,582, 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.

  
XINLIANG DAVID LI

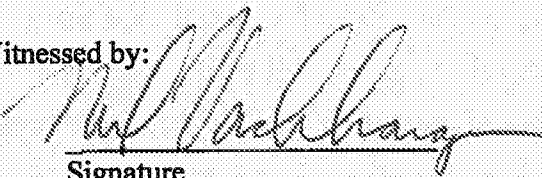
Witnessed by:

  
Signature  
Sriraman Tallam  
Typed or Printed Name  
1600 Amphitheater Pkwy  
Mountain View, CA 94043  
Witness Address

Date: Mar 6<sup>th</sup>, 2009

  
RAKSIT ASHOK

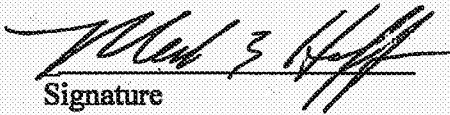
Witnessed by:

  
Signature  
Neil Vachharajani  
Typed or Printed Name  
1600 Amphitheatre Parkway  
Mountain View, CA 94043  
Witness Address

Date: 3/6/2009

  
ROBERT HUNDT

Witnessed by:

  
Signature

Date: 3-9-2009

Mark E. Heffernan  
Typed or Printed Name

870 Menlo Oaks Dr.  
Menlo Park, CA 94025  
Witness Address

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