

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Michael Buchanan	03/16/2010
Surabhi Gupta	03/17/2010
Trystan Upstill	03/16/2010
<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>	12725965
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	(404) 892-5005
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<b>Correspondent Name:</b>	Paul E. Franz
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	16113-2018001
<b>NAME OF SUBMITTER:</b>	Kathy J. Bell

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Total Attachments: 6  
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ASSIGNMENT

For valuable consideration, we, MICHAEL BUCHANAN of 1200 Dale Avenue, Apt. 3 Mountain View, CA 94040, SURABHI GUPTA of 609 Forest Ave, Palo Alto, CA 94301, TRYSTAN UPSTILL of 900 High School Way, Unit 2329, Mountain View, CA 94041, 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 ENCODING LOCATIONS AND USING DISTANCES FOR RESOURCES, filed March 17, 2010, and assigned U.S. Serial Number 12/725,965, 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.

Michael Buchanan

MICHAEL BUCHANAN

Witnessed by:

Derrick Bass  
Signature

Date: 3/16/2010

Derrick Bass  
Typed or Printed Name

711 Leung Dr.  
Mountain View, CA 94043  
Witness Address

Surabhi Gupta  
SURABHI GUPTA

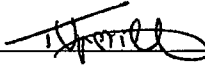
Witnessed by:

Matteo Slanina  
Signature


Date: 3/17/2010

MATTEO SLANINA  
Typed or Printed Name

689 ROBLE AVE APT 3A  
MENLO PARK, CA 94025  
Witness Address

  
\_\_\_\_\_  
TRYSTAN UPSTILL

Witnessed by:

  
\_\_\_\_\_  
Signature

Date: 03/16/2010

AYSEL OZGUR  
Typed or Printed Name

996 Lane Ave, Apt 60  
Mountain View, CA 94040  
Witness Address

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Michael Buchanan

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Derrick Bass  
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Date: 3/16/2010

Derrick Bass  
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Surabhi Gupta  
SURABHI GUPTA

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Matteo Slanina  
Signature

Date: 3/17/2010

MATTEO SLANINA  
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689 ROBLE AVE APT 34  
MENLO PARK, CA 94025  
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TRYSTAN UPSTILL

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