

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Yushi Jing</td><td>08/30/2011</td></tr><tr><td>Wei Cai</td><td>11/12/2011</td></tr></tbody></table>		Name	Execution Date	Yushi Jing	08/30/2011	Wei Cai	11/12/2011				
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Yushi Jing	08/30/2011										
Wei Cai	11/12/2011										
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											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13297521</td></tr></tbody></table>		Property Type	Number	Application Number:	13297521						
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Application Number:	13297521										
CORRESPONDENCE DATA											
Fax Number: (877)769-7945											
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Email: apsi@fr.com											
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name: Tracy M. Hitt											
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Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022											
ATTORNEY DOCKET NUMBER:	16113-3197001										
NAME OF SUBMITTER:	Kathy J. Bell										
Total Attachments: 4 source=Assignment 16113-3197001#page1.tif source=Assignment 16113-3197001#page2.tif source=Assignment 16113-3197001#page3.tif source=Assignment 16113-3197001#page4.tif											

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PATENT
REEL: 027358 FRAME: 0082

ASSIGNMENT

For valuable consideration, we, YUSHI JING of 501 Delancey Street, Apt. 508, San Francisco, CA 94017, DAVID TSAI of 914 Collier Road NW, Rm 2103, Atlanta, GA 30318, 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 QUERY-DEPENDENT IMAGE SIMILARITY, filed November 16, 2011, and assigned U.S. Serial Number 13/297,523, 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.



YUSHI JING

Witnessed by:

Henry A. Routon
Signature

Date: Aug 30, 2011

Henry A. Routon
Typed or Printed Name

1487 Norman Dr
Sunnyvale CA 94087
Witness Address

DAVID TSAI

Witnessed by:

Signature

Date: _____

Typed or Printed Name

Witness Address

ASSIGNMENT

For valuable consideration, we, YUSHI JING of 501 Delancey Street, Apt. 508, San Francisco, CA 94017, WEI CAI (aka David Tsai) of 914 Collier Road NW, Rm 2103, Atlanta, GA 30318, 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 QUERY-DEPENDENT IMAGE SIMILARITY, filed November 16, 2011, and assigned U.S. Serial Number 13/297,521, 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.

YUSHI JING

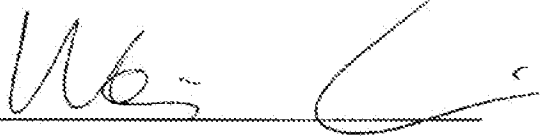
Witnessed by:

Signature

Date: _____

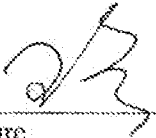
Typed or Printed Name

Witness Address



WEI CAI

Witnessed by:



Signature

Date: Nov 12, 2011

Dong Wang

Typed or Printed Name

2400 Waterview Pkwy. #318
Richardson, TX 75080

Witness Address

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