

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>Chao Cai</td> <td>08/17/2010</td> </tr> <tr> <td>Eric W. Ewald</td> <td>08/17/2010</td> </tr> <tr> <td>Cameron M. Tangney</td> <td>08/17/2010</td> </tr> <tr> <td>Sagnik Nandy</td> <td>08/17/2010</td> </tr> </tbody> </table>		Name	Execution Date	Chao Cai	08/17/2010	Eric W. Ewald	08/17/2010	Cameron M. Tangney	08/17/2010	Sagnik Nandy	08/17/2010
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Chao Cai	08/17/2010										
Eric W. Ewald	08/17/2010										
Cameron M. Tangney	08/17/2010										
Sagnik Nandy	08/17/2010										
RECEIVING PARTY DATA											
Name:	Google Inc.										
Street Address:	1600 Amphitheatre Parkway										
City:	Mountain View										
State/Country:	CALIFORNIA										
Postal Code:	94043										
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>12860328</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12860328						
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Application Number:	12860328										
CORRESPONDENCE DATA											
Fax Number:	(877)769-7945										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	(650) 839-5070										
Email:	brasil@fr.com										
Correspondent Name:	Liyang Sun										
Address Line 1:	FISH & RICHARDSON P.C.										
Address Line 2:	P.O.BOX 1022										
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022										
ATTORNEY DOCKET NUMBER:	16113-2178001										
NAME OF SUBMITTER:	Carlos A. Brasil										
Total Attachments: 3											

CH \$40.00 12860328

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PATENT
REEL: 025734 FRAME: 0091

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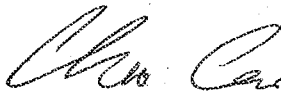
ASSIGNMENT

For valuable consideration, we, CHAO CAI of 2881 Meridian Avenue, Unit 222, San Jose, CA 95125, ERIC W. EWALD of 1070 Ayer Drive, Gilroy, CA 95020, CAMERON M. TANGNEY of 1274 Poplar Avenue, Sunnyvale, CA 94086, and SAGNIK NANDY of 251 Casitas Bulevar, Los Gatos, CA 95032, hereby assign to:

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

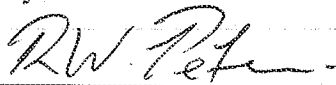
1600 Amphitheatre Parkway
Mountain View, California 94043; and

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 DYNAMICALLY GENERATING PRE-AGGREGATED DATASETS, filed 12/860,328, and assigned U.S. Serial Number 08/20/2010, 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.



CHAO CAI

Witnessed by:



Signature

Date: 8/17/10

ROBERT PETERSON

Typed or Printed Name

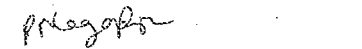
11655 Jessica Lane,
Los Altos Hills, CA 94024

Witness Address



ERIC W. EWALD

Witnessed by:



Signature

Date: August 17, 2010

NAGARAJU POTHINENI

Typed or Printed Name

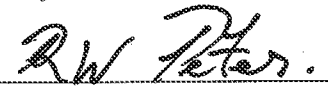
220 N Mathilda Ave

Sunnyvale 94086

Witness Address


CAMERON M. TANGNEY

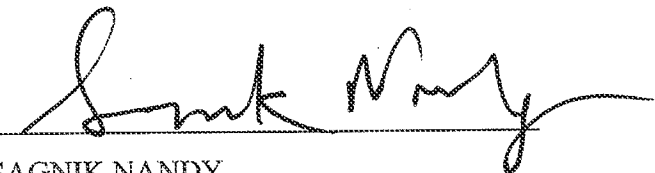
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Signature

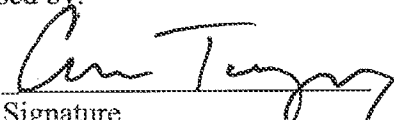
Date: 8/17/10

ROBERT PETERSON
Typed or Printed Name

11655 Jessica Lane,
Los Altos Hills, CA 94024
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SAGNIK NANDY

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Signature

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