

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Sam Ho	10/27/2010
RECEIVING PARTY DATA	
Name:	Google Inc.
Street Address:	1600 Amphitheatre Parkway
City:	Mountain View
State/Country:	CALIFORNIA
Postal Code:	94043
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12938121
CORRESPONDENCE DATA	
Fax Number:	(651)735-1102
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	651-735-1100
Email:	pairedocketing@ssiplaw.com
Correspondent Name:	SHUMAKER & SIEFFERT, P.A.
Address Line 1:	1625 Radio Drive
Address Line 2:	Suite 300
Address Line 4:	Woodbury, MINNESOTA 55125
ATTORNEY DOCKET NUMBER:	1133-066US01
NAME OF SUBMITTER:	Rachel Gagliardi
Total Attachments: 1 source=SignedAssignment#page1.tif	

CH \$40.00 12938121

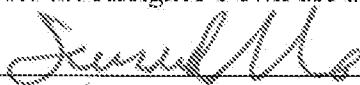
501425344

PATENT
REEL: 025738 FRAME: 0579

ASSIGNMENT

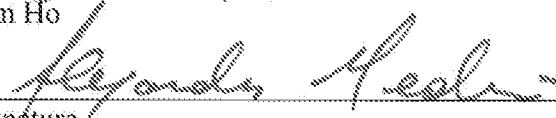
For good and valuable consideration, which is hereby acknowledged, I, Samuel Ho of 3214 Buchanan Street, San Francisco, California 94123, hereby assign to: Google Inc., a corporation of the State of Delaware, having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043, and 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 the subject of an application for United States Patent signed by me, entitled DYNAMIC DATA REFRESH FOR MOBILE DEVICE APPLICATIONS, filed November 2, 2010, and assigned U.S. Serial Number 12/938,121; I hereby authorize Google Inc., its employees, and its legal representatives to fill in the serial number and filing date above after this document has been executed; this assignment including said application, any provisional, continuation, continuation-in-part, divisional, reissue, renewal, extension or other application for any of said inventions or improvements, any and all United States and foreign patents, utility models, and design registrations granted disclosing any of said inventions or improvements, and the right to claim priority based on the filing date of any of these applications 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 I authorize the Assignee to apply in all countries in my 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 I agree for myself and my 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, and including any claims for damages by reason of past infringement or for provisional rights, and right to sue for and collect on such claims for the Assignee's own use and benefit.

Date: 10-27-10



Sam Ho

Witnessed by:



Signature

ALEJANDRO MEDINA

Typed or Printed Name

1600 AMPHITHEATRE PWY.

Witness Address

MOUNTAIN VIEW, CA

94043