

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Jesse Louis Alpert	08/07/2009
Nissan Hajaj	08/04/2009
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:	12537681
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	(404) 892-5005
Email:	cvr@fr.com
Correspondent Name:	Leila R. Abdi
Address Line 1:	FISH & RICHARDSON P.C.
Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	16113-1468001
NAME OF SUBMITTER:	Chandra Russell
<p>Total Attachments: 3</p> <p>source=16113_1468001_Assignment#page1.tif</p> <p>source=16113_1468001_Assignment#page2.tif</p>	

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PATENT
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ASSIGNMENT

For valuable consideration, we, JESSE LOUIS ALPERT of 31 Tarpad Street, Ramat HaSharon, 47250, Israel, NISSAN HAJAJ of 1405 Marlin Avenue Foster City, CA 94404, 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 applications for United States Patent signed by us, entitled DISTRIBUTED PARALLEL DETERMINATION OF SINGLE AND MULTIPLE SOURCE SHORTEST PATHS IN LARGE DIRECTED GRAPHS, filed August 8, 2008 and assigned U.S. Serial Number 61/087,623; and entitled DISTRIBUTED PARALLEL DETERMINATION OF SINGLE AND MULTIPLE SOURCE SHORTEST PATHS IN LARGE DIRECTED GRAPHS, filed August 7, 2009 and assigned U.S. Serial Number 12/537,681 and we authorize and request the attorneys appointed in said applications to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said applications, 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.


JESSE LOUIS ALPERT

Witnessed by:

Paul A. Fuhrman
Signature

Date: 8/7/2009

PAUL A. FUHRMAN
Typed or Printed Name

23 TZAFETZAPA ST
OMER 84965, ISRAEL
Witness Address

NISSAN HAJAJ

Witnessed by:

Signature

Date: _____

Typed or Printed Name

Witness Address

applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

JESSE LOUIS ALPERT

Witnessed by:

Signature

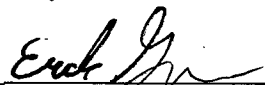
Date: _____

Typed or Printed Name

Witness Address

NISSAN HAJAJ

Witnessed by:


Signature

Date: 8-4-2009

ERIK GROSS
Typed or Printed Name

923 ILIMA WAY
PALO ALTO CA 94306
Witness Address