504917957 05/16/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4964702

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Andrew E. Rubin	07/19/2012
Johan Schalkwyk	08/06/2012
Maria Carolina Parada San Martin	07/17/2012

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:	15981376

CORRESPONDENCE DATA

Fax Number: (877)769-7945

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: +1 (202) 626-6367

Email: apsi@fr.com

NICHOLAS JEPSEN Correspondent Name:

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

MINNEAPOLIS, MINNESOTA 55440-1022 Address Line 4:

ATTORNEY DOCKET NUMBER:	16113-4343003	
NAME OF SUBMITTER:	CHRISTINE M. TOMLINSON	
SIGNATURE:	/Christine M. Tomlinson/	
DATE SIGNED:	05/16/2018	

Total Attachments: 9

source=16113-4343003-Assignment1#page1.tif source=16113-4343003-Assignment1#page2.tif source=16113-4343003-Assignment1#page3.tif

> **PATENT** REEL: 045823 FRAME: 0423

504917957

<u>ASSIGNMENT</u>

For valuable consideration, we, ANDREW E. RUBIN of 120 Golden Hills Drive, Portola Valley, CA 94028, JOHAN SCHALKWYK of 81 Edgemont Road, Scarsdale, NY 10583, MARIA CAROLINA PARADA SAN MARTIN of 3165 Maddux Drive, Palo Alto, CA 94303, 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 DETERMINING HOTWORD SUITABILITY, filed August 6, 2012 and assigned U.S. Serial Number 13/567,572 , 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.

	ANDREW E. RUBIN
by:	Date: 07/19/2012
PYCOS. Mixsell ed or Printed Name	
001 Saint Florian Way In Jose, CA 95136 ness Address	
	JOHAN SCHALKWYK
ру:	
nature	Date:
ed or Printed Name	
ed or Printed Name	

Witness Address

	MARIA CAROLINA PARADA SAN MARTIN
Witnessed by:	
Signature	Date:
Typed or Printed Name	
Witness Address	

40827219.doc

ASSIGNMENT

For valuable consideration, we, ANDREW E. RUBIN of 120 Golden Hills Drive, Portola Valley, CA 94028, JOHAN SCHALKWYK of 81 Edgemont Road, Scarsdale, NY 10583, MARIA CAROLINA PARADA SAN MARTIN of 3165 Maddux Drive, Palo Alto, CA 94303, 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 <u>DETERMINING HOTWORD</u> SUITABILITY, filed August 6, 2012 and assigned U.S. Serial Number _ 13/567,572 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.

	ANDREW E. RUBIN
Witnessed by:	
Signature	Date:
Typed or Printed Name	
Witness Address	
	JOHAN SCHALKWYK
Witnessed by: Signature	Date: 8/6/2012
PEDRO J MOREVO Typed or Printed Name	
36 5th st Jorry (ity N) 07502 Witness Address	

	MARIA CAROLINA PARADA SAN MARTIN
Vitnessed by:	
	Date:
Signature	
Typed or Printed Name	
Witness Address	

40827219.doc

ASSIGNMENT

For valuable consideration, we, ANDREW E. RUBIN of 120 Golden Hills Drive, Portola Valley, CA 94028, JOHAN SCHALKWYK of 81 Edgemont Road, Scarsdale, NY 10583, MARIA CAROLINA PARADA SAN MARTIN of 3165 Maddux Drive, Palo Alto, CA 94303. 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 <u>DETERMINING HOTWORD</u> SUITABILITY, filed August 6, 2012 , and assigned U.S. Serial Number 13/567,572 , 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,

	ANDREW E. RUBIN
Vitnessed by:	
Signature	Date:
Typed or Printed Name	
Witness Address	
	JOHAN SCHALKWYK
/itnessed by:	
Signature	Date:
Typed or Printed Name	
Witness Address	

MARIA ÇAROLINA PARADA SAN MARTIN

Witnessed by:

Signature Signature

VINCENT YANHOUCKE Typed or Printed Name

635 DETROIT ST

SAN FRANCISCO, CA 9413) Witness Address

. 40827206.doc