PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2819872

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUMIT AGARWAL	11/16/2010
VIC GUNDOTRA	08/16/2010
ALEX NICOLAOU	08/11/2010

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:	13959680

CORRESPONDENCE DATA

Fax Number: (651)735-1102

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

US Mail.

Phone: 651-735-1100

Email: pairdocketing@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:	1133-676US03
NAME OF SUBMITTER:	JACLYN M. SKIBA
SIGNATURE:	/Jaclyn M. Skiba/
DATE SIGNED:	04/18/2014

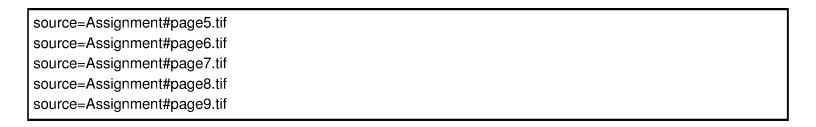
Total Attachments: 9

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PATENT



PATENT REEL: 032705 FRAME: 0784

ASSIGNMENT

For valuable consideration, we, <u>SUMIT AGARWAL</u> of <u>811 4th Street NW, Unit 1204</u>, <u>Washington, D.C. 20001</u>, <u>VIC GUNDOTRA</u> of <u>282 Shannon Oaks Lane, Los Gatos, CA 95032</u>, <u>ALEX NICOLAOU</u> of <u>340 Amberwood Drive</u>, <u>Waterloo</u>, <u>Ontario</u>, <u>Canada N2L 1S7</u>, 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 PROVIDING RESULTS TO PARAMETERLESS SEARCH QUERIES, filed August 30, 2010 , and assigned , and we authorize and request the attorneys U.S. Serial Number 12/871,562 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.

	SUMIT AGARWAL
Witnessed by:	
Ann Aunlan Signature	Date: NOV 16 2010
Ann Quinlan Typed or Printed Name	
8519 wheatfield way Ellicott City MD 21043 Witness Address	
•	
	VIC GUNDOTRA
Witnessed by:	
Signature	Date:
Typed or Printed Name	
Witness Address	

ALEX NICOLAOU	
Date:	

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ASSIGNMENT

For valuable consideration, we, <u>SUMIT AGARWAL</u> of <u>811 4th Street NW, Unit 1204</u>, <u>Washington, D.C. 20001</u>, <u>VIC GUNDOTRA</u> of <u>282 Shannon Oaks Lane</u>, <u>Los Gatos</u>, <u>CA 95032</u>, <u>ALEX NICOLAOU</u> of <u>340 Amberwood Drive</u>, <u>Waterloo</u>, <u>Ontario</u>, <u>Canada N2L 1S7</u>, hereby assign to:

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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 PROVIDING RESULTS TO PARAMETERLESS SEARCH QUERIES, filed August 30, 2010 , and assigned U.S. Serial Number 12/871,562 , 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.

	SUMIT AGARWAL
Witnessed by:	
	Date:
Signature	
Typed or Printed Name	
Witness Address	
	11
,	119
	VIC GUNDOTRA
Witnessed by:	
<u>Elum Pahmar Subeda</u>	Date: 8 - 16 - 16
Signature	
ERUM RAHMAN-SLOEDA	K
Typed or Printed Name	
4525 NILAND ST.	
UNION CITY CA 94587	

	ALEX NICOLAOU
sed by:	
Signature	Date:
Typed or Printed Name	
Witness Address	

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ASSIGNMENT

For valuable consideration, we, <u>SUMIT AGARWAL</u> of <u>811 4th Street NW</u>, <u>Unit 1204</u>, <u>Washington</u>, <u>D.C. 20001</u>, <u>VIC GUNDOTRA</u> of <u>282 Shannon Oaks Lane</u>, <u>Los Gatos</u>, <u>CA 95032</u>, <u>ALEX NICOLAOU</u> of <u>340 Amberwood Drive</u>, <u>Waterloo</u>, <u>Ontario</u>, <u>Canada N2L 1S7</u>, 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 PROVIDING <u>RESULTS TO</u> August 30, 2010 , and assigned PARAMETERLESS SEARCH QUERIES, filed U.S. Serial Number 12/871,562 , 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.

	SUMIT AGARWAL
Witnessed by:	
G'	Date:
Signature	
Typed or Printed Name	
Witness Address	
witness Address	
•	
	VIC GUNDOTRA
Witnessed by:	
Signature	Date:
Signature	
Typed or Printed Name	
Witness Address	

ALEX NICOLAOU

Witnessed by:

Docty Stong 102 Date: // AUGUST 2010
Signature

Dorothy Skonierska

Typed or Printed Name

525 Thornview Place
Woterloo, ON, NZT 2V9
Witness Address

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