PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Evgeny A. Cherepanov	02/11/2013
Oleksandr Grushetskyy	02/20/2012
Dmitry N. Orlov	02/21/2013

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:	13710055

CORRESPONDENCE DATA

Fax Number: 8777697945

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

 Phone:
 (650) 839-5165

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Correspondent Name: Michael P. Shepherd
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Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	16113-1971002
NAME OF SUBMITTER:	Linda L. Quintana

Total Attachments: 9

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PATENT REEL: 029978 FRAME: 0001 13/10055

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PATENT REEL: 029978 FRAME: 0002

ASSIGNMENT

For valuable consideration, we, <u>EVGENY A. CHEREPANOV</u> of <u>Festivalnaya Str. 9</u>, <u>Rybinsk</u>, <u>Yaroslavl Region</u>, <u>Russia 152914</u>, <u>OLEKSANDR GRUSHETSKYY</u> of <u>19608</u>

<u>Pruneridge Ave Apt 7304</u>, <u>Cupertino</u>, <u>CA 95014</u>, and <u>DMITRY N. ORLOV</u> of <u>Apart. 20</u>, <u>Tvardovskovo 22</u>, <u>Balashiha</u>, <u>Moscow Region</u>, <u>Russia 143900</u>, hereby assign to <u>GOOGLE INC.</u>, a corporation of <u>Delaware</u> having a place of business at <u>1600 Amphitheatre Parkway</u>, 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>STATISTICAL STEMMING</u>, filed 12/10/2012, and assigned U.S. Serial Number 13/710,055, 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.

	EVGENY A. CHEREPANOV
essed by:	
Marani	Date: 2/11/2013
Signature	
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Witness Address	
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	DMITRY N. ORLOV
itnessed by:	
Signature	Date:
Typed or Printed Name	
Witness Address	

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ASSIGNMENT

For valuable consideration, we, <u>EVGENY A. CHEREPANOV</u> of <u>Festivalnaya Str. 9</u>, <u>Rybinsk, Yaroslavl Region, Russia 152914</u>, <u>OLEKSANDR GRUSHETSKYY</u> of <u>19608</u>

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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 STATISTICAL STEMMING, filed 12/10/2012, and assigned U.S. Serial Number 13/710,055, 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.

	EVGENY A. CHEREPANOV
Witnessed by:	
	Dáte:
Signature	
Typed or Printed Name	
Witness Address	
	OLEKSANDIK GRUSHETSKYY
Witnessed by:	
OA Signature	Date: <u>Feb 29</u> 2012
OLEKS / Y OLYESHE O Typed or Printed Name	
500 MORELAND WAT,	216 . Ca
SANTA CLARA, CA, S.S.O. Witness Address	

	DMITRY N. ORLOV	
tnessed by:		
Signature	Date:	
Typed or Printed Name		

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For valuable consideration, we, <u>EVGENY A. CHEREPANOV</u> of <u>Festivalnaya Str. 9</u>, <u>Rybinsk, Yaroslavl Region, Russia 152914</u>, <u>OLEKSANDR GRUSHETSKYY</u> of <u>19608</u>

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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 STATISTICAL STEMMING, filed 12/10/2012, and assigned U.S. Serial Number 13/710,055, 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.

	EVGENY A. CHEREPANOV
itnessed by:	
	Date:
Signature	
Typed or Printed Name	
Witness Address	
	OLEKSANDR GRUSHETSKYY
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Signature	Date:
Signature	
Typed or Printed Name	
Witness Address	

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DMITRY'N. ORLOV

Witnessed by:

Signature

Seungryul Chor Typed or Printed Name

13428 Harper Dr. Saratoga CA 95070 Witness Address

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