507219500 04/06/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
SHUMIN ZHAI	02/26/2013
CIPRIAN IOAN CHELBA	01/24/2013

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:	17658227	

CORRESPONDENCE DATA

Fax Number: (208)975-6667

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: 2088133905

Email:travis@colbynipper.comCorrespondent Name:COLBY NIPPER - GOOGLE

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Address Line 2: SUITE 200

Address Line 4: EAGLE, IDAHO 83616

ATTORNEY DOCKET NUMBER:	1597500USCON04	
NAME OF SUBMITTER: MICHAEL K. COLBY, REG#45,816		
SIGNATURE: /Michael K. Colby/		
DATE SIGNED:	04/06/2022	

Total Attachments: 4

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PATENT 507219500 REEL: 059521 FRAME: 0696

Attorney Docket No.: 1133-598US01

ASSIGNMENT

For good and valuable consideration, which is hereby acknowledged, We, Shumin Zhai of 1600 Amphitheatre Parkway, Mountain View, CA 94043 and Ciprian Ioan Chelba of 1600 Amphitheatre Parkway, Mountain View, CA 94043 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 us, entitled TOUCH KEYBOARD USING LANGUAGE AND SPATIAL MODELS, filed March 7, 2013, and assigned U.S. Serial Number 13/789,106; 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 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, 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. We 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.

Date: <u>Feb 2 6, 2</u> 013	SALL
- Shing,	Shumin Zhai
Witnessed by:	<u> </u>
	Witness Signature
	Kuar Paateroge
	Typed or Printed Witness Name
	3445 RIERCE ST. \$204, SAN FRANKUTO, C.
	Witness Address

Date:		
		Ciprian Ioan Chelba
	Witnessed by:	
	•	Witness Signature
		Typed or Printed Witness Name
		Witness Address

Attorney Docket No.: 1133-598US01

ASSIGNMENT

For good and valuable consideration, which is hereby acknowledged, We, Shumin Zhai of 1600 Amphitheatre Parkway, Mountain View, CA 94043 and Ciprian Ioan Chelba of 1600 Amphitheatre Parkway, Mountain View, CA 94043 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 us, entitled TOUCH KEYBOARD USING LANGUAGE AND SPATIAL MODELS, filed _____, and assigned U.S. Serial Number <u>13/789,106</u>; this assignment March 7, 2013 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 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, 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. We 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.

Date:		•	
		Shumin Zhai	
	Witnessed by:		
	·	Witness Signature	
		Typed or Printed Witness Name	
		Witness Address	

Date:	01	124	13

Ciprian Ioan Chelba

Witnessed by:

Witness Signature

APURVA SHAH
Typed or Printed Witness Name

1840 Saciamento St. SF, CA 94109 Witness Address