

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

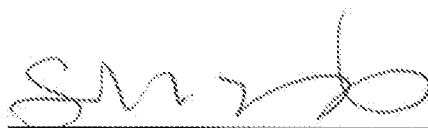
EPAS ID: PAT3009477

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHUMIN ZHAI	02/26/2013
CIPRIAN IOAN CHELBA	01/24/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	GOOGLE INC.
<b>Street Address:</b>	1600 AMPHITHEATRE PARKWAY
<b>City:</b>	MOUNTAIN VIEW
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94043
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14477490
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(651)735-1102
<i>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.</i>	
<b>Phone:</b>	651 735 1100
<b>Email:</b>	pairedocketing@ssiplaw.com
<b>Correspondent Name:</b>	SHUMAKER & SIEFFERT, P.A.
<b>Address Line 1:</b>	1625 RADIO DRIVE, SUITE 300
<b>Address Line 4:</b>	WOODBURY, MINNESOTA 55125
<b>ATTORNEY DOCKET NUMBER:</b>	1133-598US02
<b>NAME OF SUBMITTER:</b>	BETH M. LINDBLOM
<b>SIGNATURE:</b>	/Beth M. Lindblom/
<b>DATE SIGNED:</b>	09/04/2014
<b>Total Attachments: 4</b>	
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ASSIGNMENT

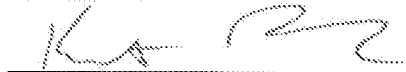
For good and valuable consideration, which is hereby acknowledged, We, Shumin Zhai of 1600 Amphitheatre Parkway, Mountain View, CA 94043 and Ciprian Ioan Chelba of 1600 Amphitheatre Parkway, Mountain View, CA 94043 hereby assign to: Google Inc., a corporation of the State of Delaware, having a place 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: Feb 26, 2013



Shumin Zhai

Witnessed by:



Witness Signature

KURT PARTRIDGE

Typed or Printed Witness Name

3445 PIERCE ST. #204, SAN FRANCISCO, CA 94123

Witness Address

Date: \_\_\_\_\_

\_\_\_\_\_  
Ciprian Ioan Chelba

Witnessed by:

\_\_\_\_\_  
Witness Signature

\_\_\_\_\_  
Typed or Printed Witness Name

\_\_\_\_\_  
Witness Address

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: \_\_\_\_\_

\_\_\_\_\_  
Shumin Zhai

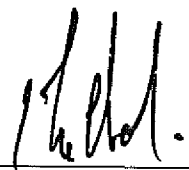
Witnessed by:

\_\_\_\_\_  
Witness Signature

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Typed or Printed Witness Name

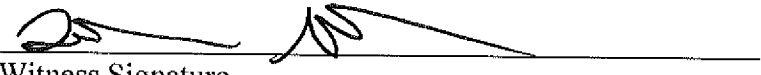
\_\_\_\_\_  
Witness Address

Date: 01/24/13



Ciprian Ioan Chelba

Witnessed by:



Witness Signature

APURVA SHAH

Typed or Printed Witness Name

1640 Sacramento St. SF, CA 94109

Witness Address