504666850 12/01/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BO WANG	09/21/2017
LEI ZHONG	09/23/2017
BARNABY JOHN JAMES	09/21/2017
SAISURESH KRISHNAKUMARAN	09/21/2017
ROBERT STETS	09/21/2017
BOGDAN CAPRITA	09/25/2017
VALERIE NYGAARD	09/22/2017

RECEIVING PARTY DATA

Name:	GOOGLE INC.	
Street Address:	Street Address: 1600 AMPHITHEATRE PARKWAY	
City:	MOUNTAIN VIEW	
State/Country:	State/Country: CALIFORNIA	
Postal Code:	94043	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15815353

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

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

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Email: pairdocketing@ssiplaw.com **Correspondent Name:** SHUMAKER & SIEFFERT, P.A.

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Address Line 4: WOODBURY, MINNESOTA 55125

ATTORNEY DOCKET NUMBER:	1233-246US01
NAME OF SUBMITTER:	MORGAN M. CELT
SIGNATURE:	/Morgan M. Celt/
DATE SIGNED:	12/01/2017

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Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif

PATENT REEL: 044273 FRAME: 0051 Attorney Docket No.: 1233-246US01

ASSIGNMENT

For good and valuable consideration, which is hereby acknowledged, We, Bo Wang, Lei Zhong, Barnaby James, Saisuresh Krishnakumaran, Robert Stets, Bogdan Caprita, and Valerie Nygaard 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 SELECTION OF COMPUTATIONAL AGENT FOR TASK PERFORMANCE. filed November 16, 2017, and assigned U.S. Serial Number MANAGEMENT OF AGENTS, filed October 3, 2016, and assigned U.S. Serial Number 62/403,665; 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:	9/21/2017	Bo Wang
Date:	9/23/2017	Bo Wang DocuSigned by: Li Jung 38C577F2A214473
Date:	9/21/2017	Lei Zhong DocuSigned by: DODAF2E75121946E
Date:	9/21/2017	Barnaby John James Docusigned by: Saisture slu krishunaktumaran
		Saisuresh Krishnakumaran

:DocuSigned by -----ر

PATENT REEL: 044273 FRAME: 0052 DocuSign Envelope ID: EF318AB0-8AC8-46E7-ACCB-33CF5B13C3F1

Date:	9/21/2017	DocuSigned by: Refer 24-6 C1E8BC80810B463
		Robert Stets
Date:	9/25/2017	DocuSigned by: O308DA1871CF40A Bogdan Caprita
Date:	9/22/2017	Docusigned by: A8FDB6EA1B7A41A Valerie Nygaard

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RECORDED: 12/01/2017 REEL: 044273 FRAME: 0053