

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5453924

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|---|-------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| YUZHAO NI | 10/04/2016 |
| BO WANG | 10/03/2016 |
| BARNABY JAMES | 10/03/2016 |
| PRAVIR GUPTA | 10/03/2016 |
| DAVID SCHAIRER | 10/03/2016 |
| 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: | 16203521 |
| CORRESPONDENCE DATA | |
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| ATTORNEY DOCKET NUMBER: | ZS202-19730 |
| NAME OF SUBMITTER: | SCOTT W. HIGDON |
| SIGNATURE: | /Scott W. Higdon/ |
| DATE SIGNED: | 04/02/2019 |
| Total Attachments: 2 | |
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ASSIGNMENT

For valuable consideration, we, Yuzhao Ni of London in the United Kingdom; Bo Wang of San Jose, California; Barnaby James of Los Gatos, California; Pravir Gupta of Los Gatos, California; and David Schairer, having a mailing address in Mountain View, California; 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 **Task Initiation Using Long-Tail Voice Commands**, filed October 3, 2016, and assigned U.S. Serial Number 15/284,473, 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 names 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.

DocuSigned by:

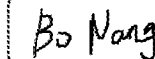


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Yuzhao Ni

Date: 10/4/2016

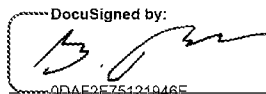
DocuSigned by:



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Bo Wang

Date: 10/3/2016

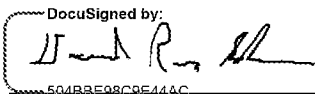
DocuSigned by:

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Barnaby James

Date: 10/3/2016

DocuSigned by:

7941061597B8481...
Pravir Gupta

Date: 10/3/2016

DocuSigned by:

504BBE98C9E44AC...
David Schairer

Date: 10/3/2016