505914435 02/13/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IBRAHIM BADR	01/30/2020
YARIV ADAN	01/30/2020
HUGO SANTOS	02/11/2020
SHIKHA KAPOOR	02/01/2020
KARTHIK NAGARAJ	01/29/2020
GLENN WILSON	01/30/2020
ARWA RANGWALA	02/11/2020
LEO DEEGAN	02/03/2020
PETER KROGH	01/29/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16789370

CORRESPONDENCE DATA

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NAME OF SUBMITTER: SCOTT W. HIGDON

PATENT 505914435 REEL: 051806 FRAME: 0952

SIGNATURE:	/Scott W. Higdon/	
DATE SIGNED:	02/13/2020	
Total Attachments: 2		
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PATENT REEL: 051806 FRAME: 0953

ASSIGNMENT

For valuable consideration, we, Ibrahim Badr of Zurich, Switzerland; Yariv Adan of Cham, Switzerland; Hugo Santos of Zurich, Switzerland; Shikha Kapoor, Karthik Nagaraj, Glenn Wilson; Arwa Rangwala, Leo Deegan; and Peter Krogh, all having a mailing address in Mountain View, California, hereby assign to: Google LLC, a limited liability company 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 Providing Access To User-Controlled Resources By Automated Assistants, filed February 12, 2020, and assigned U.S. Serial Number 16/789,370 , 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.

BCCF3AF57CC24D5	Boord Signed by:
Ibrahim Badr	Yariy Adan
oranini Badi	Tany Adan
Date: 1/30/2020	Date: 1/30/2020

Hugo Santos	Shikha Kapoor
Date: <u>2/11/2020</u>	Date: <u>2/1/2020</u>
Considered by: Karthik Nagaraj	Glenn Wilson
Date: 1/29/2020	Date: <u>1/30/2020</u>
Arwa Rangwala	Leo Deegan
Date: <u>2/11/2020</u>	Date: <u>2/3/2020</u>
Doousigned by: Out of the party of the part	

Date: <u>1/29/2020</u>