

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7002096

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
APRIL PUFAHL	09/21/2018
JARED STRAWDERMAN	09/28/2018
HARRY YU	09/26/2018
ADRIANA OLMOS ANTILLON	09/22/2018
JONATHAN LIVNI	10/24/2018
OKAN KOLAK	09/28/2018
JAMES GIANGOLA	09/21/2018
NITIN KHANDELWAL	10/12/2018
JASON KEARNS	09/25/2018
ANDREW WATSON	09/25/2018
JOSEPH ASHEAR	09/21/2018
VALERIE NYGAARD	09/21/2018

**RECEIVING PARTY DATA**

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

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17515901

**CORRESPONDENCE DATA**

**Fax Number:** (502)561-0442

*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:** 502-584-1135

**Email:** jrooks@middletonlaw.com

**Correspondent Name:** MIDDLETON REUTLINGER

**Address Line 1:** 401 S. 4TH STREET

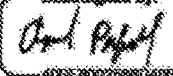
**Address Line 2:** SUITE 2600

**PATENT**

<b>Address Line 4:</b> LOUISVILLE, KENTUCKY 40202	
<b>ATTORNEY DOCKET NUMBER:</b>	ZS202-22146
<b>NAME OF SUBMITTER:</b>	SCOTT W. HIGDON
<b>SIGNATURE:</b>	/Scott W. Higdon/
<b>DATE SIGNED:</b>	11/01/2021
<b>Total Attachments: 2</b> source=ZS202-22146-Assignment#page1.tif source=ZS202-22146-Assignment#page2.tif	

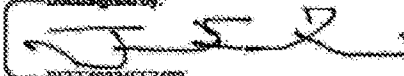
**ASSIGNMENT**

For valuable consideration, we, April Pufahl of Mountain View, California; Jared Strawderman of San Jose, California; Harry Yu of San Francisco, California; Adriana Olmos Antillon of San Francisco, California; Jonathan Livni of San Francisco, California; Okan Kolak of Sunnyvale, California; James Giangola of Mountain View, California; Nitin Khandelwal of Sunnyvale, California; Jason Kearns of Oakland, California; Andrew Watson of Zurich, Switzerland; Joseph Ashear of Redwood City, California; and Valerie Nygaard of 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 **Multimodal Responses**, filed September 4, 2018, and assigned U.S. Serial Number 62/726,947, 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.

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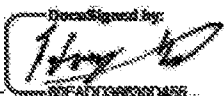
April Pufahl

Date: 9/21/2018

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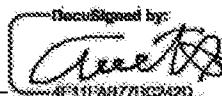
Jared Strawderman

Date: 9/28/2018

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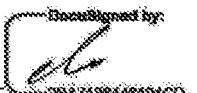
Harry Yu

Date: 9/26/2018

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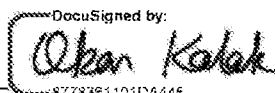
Adriana Olmos Antillon

Date: 9/22/2018

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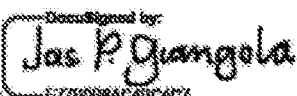
Jonathan Livni

Date: 10/24/2018

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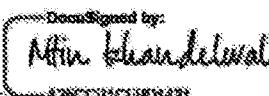
Okan Kolak

Date: 9/28/2018

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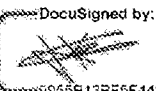
James Giangola

Date: 9/21/2018

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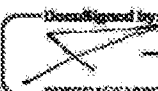
Nitin Khandelwal

Date: 10/12/2018

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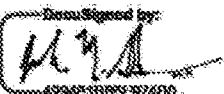
Jason Kearns

Date: 9/25/2018

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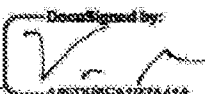
Andrew Watson

Date: 9/25/2018

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Joseph Ashear

Date: 9/21/2018

DocuSigned by:  
  
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Valerie Nygaard

Date: 9/21/2018