505895111 02/01/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAVITEJA VEMULAPALLI	06/30/2017
ASEEM AGARWALA	06/30/2017

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:	16743439

CORRESPONDENCE DATA

Fax Number: (864)233-7342

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Correspondent Name: DORITY & MANNING, P.A. AND GOOGLE LLC

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ATTORNEY DOCKET NUMBER:	GGL-1265-CON	
NAME OF SUBMITTER:	JOSEPH J. PROBST	
SIGNATURE:	/Joseph J. Probst/	
DATE SIGNED:	02/01/2020	

Total Attachments: 2

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PATENT 505895111 REEL: 051694 FRAME: 0459

ATTORNEY DOCKET NUMBER: GGL-1265

JOINT INVENTION ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, we, Raviteja Vemulapalli, a citizen of India, residing in Seattle, Washington; and Aseem Agarwala, a citizen of United States, residing in Seattle, Washington, as assignors, have made an invention entitled

"COMPACT LANGUAGE-FREE FACIAL EXPRESSION EMBEDDING AND NOVEL TRIPLET TRAINING SCHEME"

as described in a patent application for U.S. Letters Patent executed by me on even date herewith, which is about to be filed in the U.S. Patent and Trademark Office; and

WHEREAS, Google Inc., 1600 Amphitheatre Parkway, Mountain View, California 94043, a corporation organized and existing under the laws of the State of Delaware, as assignee, is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and all rights to sue and recover for past, present, and future infringement thereof, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Agreement.

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

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AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN WITNESS WHEREOF, the Assignors have executed this document on the date indicated below:

Upaviteia		6/30/2017
E7C188A09A524C8	Raviteja Vemulapalli	Date
Docusigned by:		6/30/2017
1C882FD884304D6	Aseem Agarwala	Date