506456018 01/19/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| FRANÇOISE BEAUFAYS | 10/02/2019 |
| JOHAN SCHALKWYK | 10/04/2019 |
| GIOVANNI MOTTA | 10/01/2019 |

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: | 17250165 |

CORRESPONDENCE DATA

Fax Number: (502)588-1948

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: irooks@middletonlaw.com **Correspondent Name:** MIDDLETON REUTLINGER

Address Line 1: 401 S. 4TH STREET

Address Line 2: **SUITE 2600**

Address Line 4: LOUISVILLE, KENTUCKY 40202

ATTORNEY DOCKET NUMBER: ZS202-20692 NAME OF SUBMITTER: JOHN P. PURCELL SIGNATURE: /John P. Purcell/ **DATE SIGNED:** 01/19/2021

Total Attachments: 1

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PATENT REEL: 054953 FRAME: 0305

RECORDED: 01/19/2021

ASSIGNMENT

For valuable consideration, we, Françoise Beaufays of Mountain View, California; Johan Schalkwyk having a mailing address in Mountain View, California; and Giovanni Motta 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 a Patent Cooperation Treaty Application signed by us, entitled Using Corrections, Of Predicted Textual Segments Of Spoken Utterances, For Training Of On-Device Speech Recognition Model, filed October 11, 2019, and assigned Application Number PCT/US2019/055901 , we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and application 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.

| F. Bew Lav Françoise Beaufays | Johan Schalkwyk |
|-------------------------------|-----------------|
| Date: 10/2/2019 | Date: 10/4/2019 |
| Gavani Motta Giovanni Motta | |
| Date: 10/1/2019 | |

PATENT REEL: 054953 FRAME: 0306