PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5984060

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEI HAN	12/17/2019
CHUNG-CHENG CHIU	12/17/2019
YU ZHANG	12/17/2019
YONGHUI WU	12/17/2019
PATRICK NGUYEN	12/17/2019
SERGEY KISHCHENKO	12/17/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16717746

CORRESPONDENCE DATA

Fax Number: (248)566-8437

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.

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NAME OF SUBMITTER:	ORJETA DUDLEY
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DATE SIGNED:	02/26/2020

Total Attachments: 2
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DocuSign Envelope ID: F6D2B5EB-0F50-4026-8A94-33693EE0E5B4

ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, **Wei Han**, having a mailing address at 1600 Amphitheatre Parkway, Mountain View, California 94043, **Chung-Cheng Chiu**, residing in Santa Clara, CA, having a mailing address at 1600 Amphitheatre Parkway, Mountain View, California 94043, **Yu Zhang**, having a mailing address at 1600 Amphitheatre Parkway, Mountain View, California 94043, **Yonghui Wu**, having a mailing address at 1600 Amphitheatre Parkway, Mountain View, California 94043, **Patrick Nguyen**, having a mailing address at 1600 Amphitheatre Parkway, Mountain View, California 94043, and **Sergey Kishchenko**, having a mailing address at 1600 Amphitheatre Parkway, Mountain View, California 94043, 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, including the right to sue for past infringement, throughout the world in the inventions and improvements which are subject of an application for International Patent Application signed by us, entitled SPEECH RECOGNITION WITH SEQUENCE-TO-SEQUENCE MODELS, filed December 17, 2019, and assigned Application Number 16/717,746, and 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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Wei Han

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