506033736 04/27/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GIL SHAMIR	04/23/2020

RECEIVING PARTY DATA

Name:	GOOGLE LLC	
Street Address:	Street Address: 1600 AMPHITHEATRE PARKWAY	
City:	MOUNTAIN VIEW	
State/Country:	CALIFORNIA	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16809096

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ATTORNEY DOCKET NUMBER:	GGL-1840
NAME OF SUBMITTER:	JOSEPH J. PROBST
SIGNATURE:	/Joseph J. Probst/
DATE SIGNED:	04/27/2020

Total Attachments: 2

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PATENT 506033736 REEL: 052506 FRAME: 0539

ATTORNEY DOCKET NUMBER: GGL-1840

ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, I, Gil Shamir, a citizen of the United States, residing in Sewickley, Pennsylvania, as assignor, have made an invention entitled

as described in a patent application, the specification of which:

"MINIMUM DEEP LEARNING WITH GATING MULTIPLIER"

	1 11	
	is attached hereto.	
\boxtimes	was filed on March 4, 2020	as U.S. Application Serial No. 16/809,096
	was filed on	as PCT Application Serial No.

WHEREAS, Google LLC, 1600 Amphitheatre Parkway, Mountain View, California 94043, 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 patent application on this invention and any Letters Patent to be issued upon this patent application;

NOW, THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I, as assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention and this patent application, and all divisions, and continuations thereof, and all Letters Patent 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 country and all Letters Patent which may be granted on this invention in any country, and all extensions, renewals, and reissues thereof, and all rights to sue and recover for past, present, and future infringement thereof, and I hereby authorize and request the Commissioner for Patents of the United States and any official of any other 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 Assignment, and I hereby authorize the assignee, its successors and assigns, and the attorney(s) of record in applications as described above to modify this Assignment, subsequent to its execution, to more specifically identify the applications as described above.

ATTORNEY DOCKET NUMBER: GGL-1840

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

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me 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 other 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, Assignor has executed this document on the date indicated below.

DocuSigned by:		4/23/2020
11B7FA0A58C84B0	Gil Shamir	Date