506228926 08/31/2020

PATENT ASSIGNMENT COVER SHEET

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UBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY D	ATA		
		Name	Execution Date
Houle Gan			07/29/2019
Mikhail Popovich			07/31/2019
Shuai Jiang			07/30/2019
Gregory Sizikov			07/29/2019
Chee Yee Chung			07/29/2019
RECEIVING PARTY DA	ТА		
Name:	GOOGLE LLC		
Street Address:	1600 AMPHITHEATRE PARKWAY		
City:	MOUNTAIN VIEW		
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-	94043		
Postal Code:			
PROPERTY NUMBERS		Number	
PROPERTY NUMBERS Property Type	Total: 1	Number 16921571	
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PROPERTY NUMBERS Property Type Application Number:	Total: 1		
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Total Attachments: 3

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source=8824002Assignment#page3.ti

ASSIGNMENT and CONFIRMATION

We, <u>Houle Gan, Mikhail Popovich, Shuai Jiang, Gregory Sizikov</u> and <u>Chee Yee Chung</u>, each hereby confirm the assignment and transfer to Google LLC, a Delaware limited liability company having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043, and its successors and assigns (collectively, "ASSIGNEE") of all of our individual and joint right, title and interest throughout the world in and to any and all inventions and improvements that are the subject or subjects of a patent application entitled

POWER SEQUENCING IN AN ACTIVE SILICON INTERPOSER

that names us as inventors, and was filed in <u>United States Patent and Trademark Office</u> (<u>USPTO</u>) on <u>July 31, 2019</u>, as Application No. <u>16/527,569</u>. We authorize and request the attorneys filing the application to complete this assignment by inserting the filing date and serial number of the application when known. The foregoing assignment and transfer occurred by operation of one or more agreements relating to our employment by Google LLC or an affiliate of Google LLC. Should any of us have any remaining interest, we each hereby assign and transfer any right, title or interest we may have in the above-mentioned inventions and improvements anywhere in the world to ASSIGNEE.

This assignment and confirmation includes the foregoing patent application or patent; all legal equivalents thereof in any country and all patents issuing therefrom; all patents, utility models, and design registrations granted for any of said inventions and improvements throughout the world; and the right to claim priority based on the filing date of the foregoing patent application or patent 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. We authorize ASSIGNEE to apply in all countries in our names or in the name of ASSIGNEE for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for the assigned inventions and improvements.

PATENT REEL: 053643 FRAME: 0492 The foregoing assignments have been made for good and valuable consideration, the receipt of which is hereby acknowledged, and in accordance with the employment-related agreements existing at the time the above-mentioned inventions and improvements were made.

We hereby represent and covenant that no assignment, agreement or encumbrance has been or will be made or entered into by us that would conflict with the abovementioned assignment of the inventions and improvements to ASSIGNEE.

We further covenant for ourselves and our respective heirs, legal representatives and assigns to provide to ASSIGNEE promptly upon the request of ASSIGNEE all pertinent facts and documents relating to any of the above-mentioned inventions and improvements, patent applications, patents and legal equivalents, as may be known and accessible to us; to testify as to the same in any interference, litigation, or proceeding relating thereto; and promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce any of the above-mentioned applications, inventions and improvements, patents and equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

7/29/2019 Dated:_____

DocuSioned by:

Houle Gan

7/31/2019 Dated:_____

DocuSigned by) DP

Mikhail Popovich

7/30/2019 Dated:_____

Shuai Jiang

Attorney's Docket No.: 16113-8824001 Page 3 of 3

- DocuSigned by:

Dated:_____

A33312E648B Gregory Sizikov

Dated:____

DocuSigned by: Chee See Chung

Chee Yee Chung

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RECORDED: 08/31/2020