

PATENT ASSIGNMENT COVER SHEET

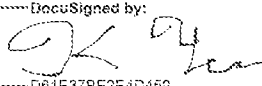
Electronic Version v1.1
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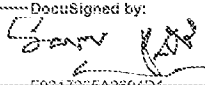
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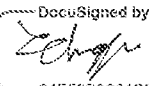
SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	KEVIN YEO	05/14/2019
	SARVAR PATEL	05/14/2019
	PHILLIPP SCHOPPMANN	05/14/2019
RECEIVING PARTY DATA		
Name:	GOOGLE LLC	
Street Address:	1600 AMPITHEATRE PARKWAY	
City:	MOUNTAIN VIEW	
State/Country:	CALIFORNIA	
Postal Code:	94043	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	17233045	
CORRESPONDENCE DATA		
Fax Number:	(248)566-8437	
<i>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.</i>		
Phone:	2485668436	
Email:	odudley@honigman.com	
Correspondent Name:	BRETT KRUGER	
Address Line 1:	650 TRADE CENTRE WAY	
Address Line 2:	SUITE 200	
Address Line 4:	KALAMAZOO, MICHIGAN 49002	
ATTORNEY DOCKET NUMBER:	231441-489287	
NAME OF SUBMITTER:	ORJETA DUDLEY	
SIGNATURE:	/Orjeta Dudley/	
DATE SIGNED:	04/19/2021	
Total Attachments: 2		
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ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, Kevin Yeo residing in Long Island City, NY and having a mailing address at 1600 Amphitheatre Parkway, Mountain View, California 94043, Sarvar Patel residing in Montville, NJ and having a mailing address at 1600 Amphitheatre Parkway, Mountain View, California 94043, and Phillipp Schoppmann 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 United States Patent signed by me, entitled Outsourcing Exponentiation in a Private Group, filed 5/14/2019, and assigned U.S. Serial Number 16/411,646, 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:

D81E378E3E4D460
Kevin Yeo

DocuSigned by:

F9317365A2694D1
Sarvar Patel

DocuSigned by:

C1E5606C31CD4A0
Phillipp Schoppmann