PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7294917

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the APPLICATION NUMBER PREVIOUSLY RECORDED AS US2021/014805 TO THE CORRECT APPLICATION NUMBER US2022/014805 previously recorded on Reel 058884 Frame 0975. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
PRESTON FAIRFAX MARSHALL	02/03/2021

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 3

Property Type	Number
PCT Number:	US2022014805
Application Number:	17649677
Application Number:	63145061

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.

Phone: 2485668436

Email: odudley@honigman.com

Correspondent Name: HONIGMAN LLP

Address Line 1: 650 TRADE CENTRE WAY

Address Line 2: SUITE 200

Address Line 4: KALAMAZOO, MICHIGAN 49002

ATTORNEY DOCKET NUMBER:	231441-505241
NAME OF SUBMITTER:	ORJETA DUDLEY
SIGNATURE:	/Orjeta Dudley/
DATE SIGNED:	04/22/2022

Total Attachments: 2

PATENT REEL: 059779 FRAME: 0053

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> PATENT REEL: 059779 FRAME: 0054

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7158893

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PRESTON FAIRFAX MARSHALL	02/03/2021

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	17649677
PCT Number:	US2021014805

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.

Phone: 2485668436

Email: odudley@honigman.com

Correspondent Name: BRETT KRUGER

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Address Line 2: SUITE 200

Address Line 4: KALAMAZOO, MICHIGAN 49002

	231441-505241
NAME OF SUBMITTER:	ORJETA DUDLEY
SIGNATURE:	/Orjeta Dudley/
DATE SIGNED:	02/04/2022

Total Attachments: 1

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PATENT REEL: 059779 FRAME: 0055

Attorney Docket No: 231441-481778

ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Preston Fairfax Marshall, residing in Woodbridge, VA, having a mailing address at 1600 Amphitheatre Parkway, Mountain View, California 94043, hereby assign to: Google LLC, a corporation 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 Rapid Evaluation of Inequality Expressions for Electromagnetic Propagation, filed 2/3/2021, and assigned U.S. Serial Number 63/145,061, and I 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 I authorize the Assignee to apply in all countries in my name 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 I agree for me and my 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.

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Preston Fairfax Marshal

RECORDED: 04/22/2022