506982877 11/17/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DIEGO ACCAME	04/25/2019
SIDDHARTH JAIN	04/30/2019
BARTLOMIEJ BORAWSKI	04/26/2019
YUJIE WAN	04/26/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17118485

CORRESPONDENCE DATA

Fax Number: (502)561-0442

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: 502-584-1135

Email: irooks@middletonlaw.com **Correspondent Name:** MIDDLETON REUTLINGER

Address Line 1: 401 S. 4TH STREET

Address Line 2: **SUITE 2600**

Address Line 4: LOUISVILLE, KENTUCKY 40202

ATTORNEY DOCKET NUMBER: ZS202-21373 NAME OF SUBMITTER: SCOTT W. HIGDON **SIGNATURE:** /Scott W. Higdon/ **DATE SIGNED:** 11/17/2021

Total Attachments: 1

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PATENT REEL: 058140 FRAME: 0985

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RECORDED: 11/17/2021

ASSIGNMENT

For valuable consideration, we, Diego Accame of San Francisco, California; Siddharth Jain of Bengaluru, Karnataka, India; Bartlomiej Borawski of Zurich, Switzerland; Yujie Wan of Mountain View, California; 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 throughout the world in the inventions and improvements which are subject of a Patent Cooperation Treaty Application signed by us, entitled Proactive Caching Of Transient Assistant Action Suggestions At A Feature Phone, filed November 5, 2019, and assigned Application Number PCT/US2019/059812, we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and application 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.

Diego Accame	Siddharth Jain
Date: 4/25/2019	Date: 4/30/2019
Considerated by:	Cyju/L
Bartlomiej Borawski	Yujie Wan
Date: 4/26/2019	Date: 4/26/2019

PATENT REEL: 058140 FRAME: 0986