505397630 03/27/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT5444424 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRYAN CHRISTOPHER HORLING	06/26/2014
ASHUTOSH SHUKLA	06/27/2014
ANTOINE JEAN BRUGUIER	06/26/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16360903

CORRESPONDENCE DATA

Fax Number: (502)588-1982

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.

5025841135 Phone:

Email: Imiller@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: ZS202-19874 NAME OF SUBMITTER: SCOTT W. HIGDON SIGNATURE: /Scott W. Higdon/ **DATE SIGNED:** 03/27/2019

Total Attachments: 1

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PATENT REEL: 048719 FRAME: 0476 505397630

ASSIGNMENT

For valuable consideration, we, Bryan Christopher Horling of Sunnyvale, California; Ashutosh Shukla of Mountain View, California; and Antoine Jean Bruguier of Milpitas, California, hereby assign to: Google Inc., 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 throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled Date and/or Time Resolution, filed June 26, 2014, and assigned U.S. Serial Number 14/316,604, 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.

Byen Holing Bryan Holling Wan 26. 2014)	Ashutosh Shukia (Jun 27, 2014)
Bryan Christopher Horling	Ashutosh Shukla
Date:Jun 26, 2014	Date:Jun 27, 2014
Antoine lean Brogole r (Jun 26, 2014)	
Antoine Jean Bruguier	-
Date:Jun 26, 2014	

RECORDED: 03/27/2019