## 504681455 12/11/2017

EPAS ID: PAT4728177

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
NATHANIEL FAIRFIELD	03/07/2016
BENJAMIN CHARROW	03/04/2016

### **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:	15831699

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	XSDV 3.0F-1137 CCCCCC	
NAME OF SUBMITTER:	MELINDA C. CORMIER	
SIGNATURE:	/Melinda C. Cormier/	
DATE SIGNED:	12/11/2017	

### **Total Attachments: 2**

source=XSDV 3.0F-1958 con (7299) Assignment#page1.tif source=XSDV 3.0F-1958 con (7299) Assignment#page2.tif

PATENT 504681455 REEL: 044356 FRAME: 0157

Docket Number (Optional)

ASSIGNMENT OF PATENT APPLICATION GOOGLE 3.0F-1958 WHEREAS, I, Nathaniel Fairfield of Mountain View, California, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SCENARIO BASED AUDIBLE WARNINGS FOR AUTONOMOUS VEHICLES" (hereafter "Patent Application"), WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on February 26, 2016, Application Number 15/054,958, and WHEREAS (if the left box is checked), the Patent Application names the following inventors: (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentilik, LLP, to insert in here in brackets [Application \_\_, filed on \_\_\_ I the application number and filing date of the application when No. known), and WHEREAS, Google Inc., incorporated or otherwise formed in Delaware and having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043 (hereafter, the "assignee") is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, the entire right, title and interest in same; NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged. I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patent Application, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, reissue, re-examination or other application claiming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to assignee all patents resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's expense and to provide other cooperation. such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision. 3/7/2016 (Date) (Signature)

**RECORDED: 12/11/2017** 

Docket Number (Optional)

ASSIGNMENT OF PATENT APPLICATION GOOGLE 3.0F-1958 WHEREAS, I, Benjamin Charrow of Millbrae, California, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SCENARIO BASED AUDIBLE WARNINGS FOR AUTONOMOUS VEHICLES" (hereafter "Patent Application"), WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on February 26, 2016, Application Number 15/054,958, and WHEREAS (if the left box is checked), the Patent Application names the following inventors: (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentilik, LLP, to insert in here in brackets [Application \_\_\_, filed on \_\_\_ \_\_\_\_\_] the application number and filing date of the application when No. known), and WHEREAS, Google Inc., incorporated or otherwise formed in Delaware and having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043 (hereafter, the "assignee") is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, the entire right, title and interest in same; NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I agree as follows. I agree to assign, and hereby do assign, to the assignee my entire right, title and interest in and to the Assigned Applications in the United States of America and all other countries, where "Assigned Applications" means the Patent Application, including any and all inventions, discoveries and other subject matter described therein, any divisional, continuation, continuation-in-part, substitute, reissue, re-examination or other application claiming priority or benefit to the Patent Application pursuant to any law or treaty, and any patent issuing from the foregoing. I agree to assign, and hereby do assign, to assignee the right to claim such priority or benefit. I have not previously conveyed, nor am I aware of an obligation to convey, my rights in the Assigned Applications to a third party. I hereby authorize the U.S. Patent and Trademark Office, and any other governmental agency in the world, to issue to assignee all patents resulting from the Assigned Applications and to record assignee's ownership thereof. At assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's expense and to provide other cooperation. such as testimony, as may be reasonably required to evidence or protect assignee's rights in the Assigned Applications. Assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree that the assignee may affix its signature to this document as well as any other indicts of its acceptance of the provisions hereof. If any provision herein is unenforceable, the requirements of the provision shall remain to the full extent permissible by law and the offending portions thereof shall be deemed replaced, to the extent possible, with a provision most closely reflecting the purpose of the offending provision. DocuSianed by: BLYMY V CHANOW 3/4/2016 (Signature) (Date)

> PATENT REEL: 044356 FRAME: 0159