#### 503310677 05/18/2015

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JEFFREY P. MATHEWS	03/19/2015
LEE R. TAYLOR	05/18/2015
ANDREW J. ZIMMER	03/18/2015

### **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:	14581994

### CORRESPONDENCE DATA

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DOUGLAS J. CRISMAN **Correspondent Name:** 

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Address Line 2: 3000 EL CAMINO REAL, BLDG. 2, SUITE 700

Address Line 4: PALO ALTO, CALIFORNIA 94306

ATTORNEY DOCKET NUMBER:	104248-5043-US
NAME OF SUBMITTER:	LINDA QUINTANA
SIGNATURE:	/Linda Quintana/
DATE SIGNED:	05/18/2015

#### **Total Attachments: 6**

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## **ASSIGNMENT**

citizen of US, residing in Boulder, CO; an ASSIGNORS, are the inventors of the inventor	THEWS, citizen of US, residing in Longmont, CO; LEE R. TAYLOR, d ANDREW J. ZIMMER, citizen of US, residing in Boulder, CO, ion in SYSTEMS AND METHODS FOR PROGRAMMING AND GOR DATA AND LEARNING, described in an application for a Patent
<ul> <li>□ which is executed on □ even date here</li> <li>⋈ which is identified by Morgan, Lewis &amp; Bo</li> <li>⋈ which was filed on December 23, 2014, Ap</li> <li>⋈ which claims priority on U.S. Provisional P</li> <li>□ We hereby authorize and request our attorn parenthesis (Application number number of said application when known.</li> </ul>	ockius LLP docket no. 104248-5043-US plication No. 14/581,994
and WHEREAS, <b>GOOGLE INC.</b> , ASSIGNE View, California 94043, is desirous of obtaining the said application:	E, having a place of business at 1600 Amphitheatre Parkway, Mountain ag our entire right, title and interest in, to and under the said invention and
acknowledged, we, the said ASSIGNORS, hav sell, assign, transfer and set over, unto the sai right, title and interest in, to and under the renewals and continuations thereof, and any sumay be granted thereon and all reissues and ex any, on which the said United States applicational including, without limitation, all applications for invention in any country or countries foreign tright to claim for the same the priority right provisional patent application(s), if any, under Protection of Industrial Property, or any other such application is filed, as may be application, patents, utility models, inventors' or	valuable consideration, the receipt and sufficiency of which are hereby e sold, assigned, transferred and set over, and by these presents do hereby d ASSIGNEE, its successors, legal representatives and assigns, our entire said invention, and the said United States application and all divisions, abstitute applications therefore, and all Patents of the United States which tensions thereof; the said United States provisional patent application(s), if on claims priority; and all applications for industrial property protection, or patents, utility models, and designs which may hereafter be filed for said to the United States, together with the right to file such applications and the ats derived from said United States application and said United States the Patent Laws of the United States, the International Convention for the international agreement or the domestic laws of the country in which any ble; and all forms of industrial property protection, including, without certificates and designs which may be granted for said invention in any s and all extensions, renewals and reissues thereof;
any Official of any country or countries foreign	nest the Commissioner of Patents and Trademarks of the United States, and in to the United States, whose duty it is to issue patents or other evidence or opplications as aforesaid, to issue the same to the said ASSIGNEE, its accordance with the terms of this instrument.
AND WE HEREBY covenant and agree that we have not executed, and will not execute	ee that we have full right to convey the entire interest herein assigned, and , any agreement in conflict herewith.
legal representatives and assigns, any facts kno	and agree that we will communicate to the said ASSIGNEE, its successors, wn to us respecting said invention, and testify in any legal proceeding, sign ling, reissue and foreign applications, make all rightful oaths, and generally EE, its successors, legal representatives and assigns, to obtain and enforce ries.
IN TESTIMONY WHEREOF, We her signatures.	reunto set our hands and seals the day and year set opposite our respective
Date Mar 19, 2015	Jeffrey P Mathews (Mar 19, 2015)  L.S.
	JEFFREY P. MATHEWS
Date	L.S. LEE R. TAYLOR

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	MORGAN, LEWIS & BOCKIUS LI	₽ DOCKET NO. 104248-5043-US
Date	ANDREW J. ZIMMER	L.S.

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PATENT
EchoSign Transaction Number: XLY3EGAXXBA3RXP
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### ASSIGNMENT

	13002011112111
ASS CO	WHEREAS, WE, JEFFREY P. MATHEWS, citizen of US, residing in Longmont, CO; LEE R. TAYLOR, on of US, residing in Boulder, CO; and ANDREW J. ZIMMER, citizen of US, residing in Boulder, CO, GNORS, are the inventors of the invention in SYSTEMS AND METHODS FOR PROGRAMMING AND ITROLLING DEVICES WITH SENSOR DATA AND LEARNING, described in an application for a Patent e United States
	which is executed on $\square$ even date herewith
_	which is identified by Morgan, Lewis & Bockius LLP docket no. 104248-5043-US
	which was filed on December 23, 2014, Application No. 14/581,994
	which claims priority on U.S. Provisional Patent Application No. 61/919,893
	Ve hereby authorize and request our attorney, Gary S. Williams, of Morgan, Lewis & Bockius LLP, to insert here in arenthesis (Application number, filed) the filing date and application umber of said application when known.
Viev	WHEREAS, GOOGLE INC., ASSIGNEE, having a place of business at 1600 Amphitheatre Parkway, Mountain California 94043, is desirous of obtaining our entire right, title and interest in, to and under the said invention and application:
sell, right rene may any, incluinve right prov Prot such limit	NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby by by the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire title and interest in, to and under the said invention, and the said United States application and all divisions, wals and continuations thereof, and any substitute applications therefore, and all Patents of the United States which be granted thereon and all reissues and extensions thereof; the said United States provisional patent application(s), if on which the said United States application claims priority; and all applications for industrial property protection, ding, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said tion in any country or countries foreign to the United States, together with the right to file such applications and the to claim for the same the priority rights derived from said United States application and said United States sional patent application(s), if any, under the Patent Laws of the United States, the International Convention for the ction of Industrial Property, or any other international agreement or the domestic laws of the country in which any application is filed, as may be applicable; and all forms of industrial property protection, including, without attorn, patents, utility models, inventors' certificates and designs which may be granted for said invention in any cry or countries foreign to the United States and all extensions, renewals and reissues thereof;
form	AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or sof industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its essors, legal representatives and assigns, in accordance with the terms of this instrument.
that	AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and we have not executed, and will not execute, any agreement in conflict herewith.
all la	AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign wful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally rerything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce or protection for said invention in all countries.
sign	IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective tures.
Date	L.S.
Lutt	JEFFREY P. MATHEWS
	May 18, 2015 Lee R Taylor (May 16, 2015)
Date	L.S.  LEE R. TAYLOR
	LEE R. IAILUK

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Date	L.S. ANDREW J. ZIMMER
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Adobe Document Cloud Transaction Number: XLY6RVMX7A2FY73

PATENT

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## ASSIGNMENT

WHEREAS, WE, JEFFREY P. MATHEWS, citizen of US, residing in Longmont, CO; LEE R. TAYLOR citizen of US, residing in Boulder, CO; and ANDREW J. ZIMMER, citizen of US, residing in Boulder, CO ASSIGNORS, are the inventors of the invention in SYSTEMS AND METHODS FOR PROGRAMMING AND CONTROLLING DEVICES WITH SENSOR DATA AND LEARNING, described in an application for a Paten of the United States
<ul> <li>□ which is executed on □ even date herewith</li> <li>⋈ which is identified by Morgan, Lewis &amp; Bockius LLP docket no. 104248-5043-US</li> <li>⋈ which was filed on December 23, 2014, Application No. 14/581,994</li> <li>⋈ which claims priority on U.S. Provisional Patent Application No. 61/919,893</li> <li>□ We hereby authorize and request our attorney, Gary S. Williams, of Morgan, Lewis &amp; Bockius LLP, to insert here in parenthesis (Application number, filed) the filing date and application number of said application when known.</li> </ul>
and WHEREAS, GOOGLE INC., ASSIGNEE, having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions renewals and continuations thereof, and any substitute applications therefore, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; the said United States provisional patent application(s), if any, on which the said United States application claims priority; and all applications for industrial property protection including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application and said United States provisional patent application(s), if any, under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, withou limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;
AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence of forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.
AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.
AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, signal lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.
DateL.S.
JEFFREY P. MATHEWS
Date L.SL.S.

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MORGAN LEW	IS & BOCKIUS LLP DOCKET	NO 104248-5043-II

Mar 18, 2015

Andrew Zimmer (Mar 18, 2015)

L.S.

ANDREW J. ZIMMER

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