#### 503022747 10/17/2014

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3069347

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ALEXANDER RYBAK	09/23/2014
ALAIN AYOUB	10/16/2014
GUILHERME HENRIQUE TRIELLI FERREIRA	09/23/2014
EZRA LUDLOW GORMAN	09/23/2014

### **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:	14496045

### **CORRESPONDENCE DATA**

Fax Number: (908)654-7866

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.

(908) 518-6337 Phone:

Email: Assignment@ldlkm.com

**Correspondent Name:** LDLK&M

Address Line 1: 600 SOUTH AVENUE WEST

Address Line 4: WESTFIELD, NEW JERSEY 07090

ATTORNEY DOCKET NUMBER:	GOOGLE 3.0F-1770 (5530)
NAME OF SUBMITTER:	CICERO H. BRABHAM, JR.
SIGNATURE:	/Cicero H. Brabham, Jr./
DATE SIGNED:	10/17/2014

### **Total Attachments: 4**

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> **PATENT** REEL: 033968 FRAME: 0721 503022747

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PATENT REEL: 033968 FRAME: 0722

Docket Number (Optional)

WHEREAS, I, Alexander Rybak of San Francisco, California, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "CLOUD-BASED CONTROLLER FOR MANAGING ACCESS POINTS" (hereafter "Patent Application"),	
WHEREAS (if the left box is checked), the Patent A	
WHEREAS (if the left box is checked), the Patent A Alexander Rybak, Alain Ayoub, Guilherme Henrique Trielli Fer authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 14/496,045 , filed on Sept. 25, 2014 ) the applicand	reira, and Ezra Ludlow Gorman (and whereas I hereby
WHEREAS, <u>Google Inc.</u> , incorporated or otherwise <u>Amphitheatre Parkway; Mountain View, California 94043</u> (he acquired and is desirous of memorializing its acquisition furth	
as follows. I agree to assign, and hereby do assign, to the assigned Applications in the United States of America and all Patent Application, including any and all inventions, discover continuation, continuation-in-part, substitute, reissue, re-exar Patent Application pursuant to any law or treaty, and any pat do assign, to assignee the right to claim such priority or bene obligation to convey, my rights in the Assigned Applications to Trademark Office, and any other governmental agency in the Assigned Applications and to record assignee's ownership the further remuneration, to execute and deliver documents prep such as testimony, as may be reasonably required to evidence.	Il other countries, where "Assigned Applications" means the ies and other subject matter described therein, any divisional, mination or other application claiming priority or benefit to the ent issuing from the foregoing. I agree to assign, and hereby efft. I have not previously conveyed, nor am I aware of an to a third party. I hereby authorize the U.S. Patent and a world, to issue to assignee all patents resulting from the tereof. At assignee's reasonable request I agree, without hared at assignee's expense and to provide other cooperation, are or protect assignee's rights in the Assigned Applications. The herein in its sole discretion. I agree that the assignee may it of its acceptance of the provisions hereof. If any provision
offending portions thereof shall be deemed replaced, to the e purpose of the offending provision.	
offending portions thereof shall be deemed replaced, to the e purpose of the offending provision.	extent possible, with a provision most closely reflecting the
offending portions thereof shall be deemed replaced, to the e	

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REEL: 033968 FRAME: 0723

Docket Number (Optional)

GOOGLE 3.0F-1770 (E)

	aiifornia, have invented or discovered inventions or discoveries, the plication entitled "CLOUD-BASED CONTROLLER FOR MANAGING
WHEREAS (if the left box is checked), the Trademark Office on, Application	Patent Application was filed with the U.S. Patent and number, and
Alexander Rybak, Alain Ayoub, Guilherme Henrique T authorize Lerner, David, Littenberg, Krumholz & Menti	Patent Application names the following inventors:  Trielli Ferreira, and Ezra Ludlow Gorman (and whereas I hereby dik, LLP, to insert in here in brackets [Application No. the application number and filing date of the application when known),
Amphitheatre Parkway; Mountain View, California 9	otherwise formed in <u>Delaware</u> and having a place of business at <u>1600</u> 14043 (hereafter, the "assignee") is desirous of acquiring, or has ition further herein, the entire right, title and interest in same;
as follows. I agree to assign, and hereby do assign, Assigned Applications in the United States of Americ Patent Application, including any and all inventions, continuation, continuation-in-part, substitute, reissue Patent Application pursuant to any law or treaty, and do assign, to assignee the right to claim such priority obligation to convey, my rights in the Assigned Appli Trademark Office, and any other governmental agen Assigned Applications and to record assignee's ownfurther remuneration, to execute and deliver docume such as testimony, as may be reasonably required to Assignee may assign or transfer all or part of its righ affix its signature to this document as well as any oth herein is unenforceable, the requirements of the pro-	le consideration the receipt of which is hereby acknowledged, I agree to the assignee my entire right, title and interest in and to the ca and all other countries, where "Assigned Applications" means the discoveries and other subject matter described therein, any divisional, e, re-examination or other application claiming priority or benefit to the diany patent issuing from the foregoing. I agree to assign, and hereby yor benefit. I have not previously conveyed, nor am I aware of an ications to a third party. I hereby authorize the U.S. Patent and noty in the world, to issue to assignee all patents resulting from the tership thereof. At assignee's reasonable request I agree, without ents prepared at assignee's expense and to provide other cooperation, to evidence or protect assignee's rights in the Assigned Applications. Its set forth herein in its sole discretion. I agree that the assignee may her indicia of its acceptance of the provisions hereof. If any provision vision shall remain to the full extent permissible by law and the I, to the extent possible, with a provision most closely reflecting the
Oct 16, 2014	O A.
(Date)	Alan Ayous (Oct 16, 2014) (Signature)

Docket Number (Optional)

GOOGLE 3.0F-1770 (E)

WHEREAS, I, <u>Guilherme Henrique Trielli Ferreira</u> of <u>Mountain View, California</u> , have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "CLOUD-BASED CONTROLLER FOR MANAGING ACCESS POINTS" (hereafter "Patent Application"),	
WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on, Application Number, and	
WHEREAS (if the left box is checked), the Patent Application names the following inventors:  Alexander Rybak, Alain Ayoub, Guilherme Henrique Trielli Ferreira, and Ezra Ludlow Gorman (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 14/496,045 , filed on Scpt. 25, 2014 ] the application number and filing date of the application when known), and	
WHEREAS, <u>Google Inc.</u> , incorporated or otherwise formed in <u>Delaware</u> and having a place of business at <u>1600</u> Amphitheatre Parkway; Mountain View, California <u>94043</u> (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;	<u>)</u>
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.	ll, e y
Sep 23, 2014	
(Date)	

Docket Number (Optional)

GOOGLE 3.0F-1770 (E)

	GOOGLE 3.0F-1770 (E)
WHEREAS, I, <u>Ezra Ludlow Gorman</u> of <u>Portland. Ore</u> the subject matter of which is described in the patent application MANAGING ACCESS POINTS" (hereafter "Patent Application")	
WHEREAS (if the left box is checked), the Patent Al	
WHEREAS (if the left box is checked), the Patent Alexander Rybak, Alain Ayoub, Guilherme Henrique Trielli Ferrauthorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 114/496,045 filed on Sept. 25, 2014 the applicant	eira, and Ezra Ludlow Gorman (and whereas I hereby
WHEREAS, <u>Google Inc.</u> , incorporated or otherwise <u>Amphitheatre Parkway; Mountain View, California 94043</u> (her acquired and is desirous of memorializing its acquisition further	
NOW. THEREFORE, for good and valuable consider as follows. I agree to assign, and hereby do assign, to the as Assigned Applications in the United States of America and all Patent Application, including any and all inventions, discovering continuation, continuation-in-part, substitute, reissue, re-exame Patent Application pursuant to any law or treaty, and any pated of assign, to assignee the right to claim such priority or beneficially of the convey, my rights in the Assigned Applications to the trademark Office, and any other governmental agency in the Assigned Applications and to record assignee's ownership the further remuneration, to execute and deliver documents preparate has testimony, as may be reasonably required to evidence Assignee may assign or transfer all or part of its rights set for affix its signature to this document as well as any other indicinal herein is unenforceable, the requirements of the provision share offending portions thereof shall be deemed replaced, to the expurpose of the offending provision.	other countries, where "Assigned Applications" means the es and other subject matter described therein, any divisional, nination or other application claiming priority or benefit to the ent issuing from the foregoing. I agree to assign, and hereby fit. I have not previously conveyed, nor am I aware of an o a third party. I hereby authorize the U.S. Patent and world, to issue to assignee all patents resulting from the ereof. At assignee's reasonable request I agree, without ared at assignee's expense and to provide other cooperation, se or protect assignee's rights in the Assigned Applications, the herein in its sole discretion. I agree that the assignee may a of its acceptance of the provisions hereof. If any provision all remain to the full extent permissible by law and the
Sep 23, 2014	C , M
(Date)	Employees (Sep 20, 2014) (Signature)

REEL: 033968 FRAME: 0726