### 503549754 11/02/2015

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3596381 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PETER HOCHSCHILD	05/17/2012
ALEXANDER LLOYD	05/17/2012
WILSON CHENG-YI HSIEH	05/17/2012
ROBERT EDMAN FELDERMAN	05/17/2012
MICHAEL JAMES BOYER EPSTEIN	05/17/2012

#### **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:	14925278

#### **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.

**Phone:** (908) 518-6381

**Email:** assignment@lernerdavid.com

Correspondent Name: LDLK&M

Address Line 1: 600 SOUTH AVENUE WEST

Address Line 4: WESTFIELD, NEW JERSEY 07090

ATTORNEY DOCKET NUMBER: GOOGLE 3.0-503 I CON CON

NAME OF SUBMITTER: IDA ZAZZALI

SIGNATURE: /Ida Zazzali/

DATE SIGNED: 11/02/2015

**Total Attachments: 5** 

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PATENT 503549754 REEL: 036934 FRAME: 0460



PATENT REEL: 036934 FRAME: 0461

Docket Number (Optional)

GOOGLE 3.0-503

	4004EL 3.0-303 T	
WHEREAS, I, <u>Peter Hochschild</u> of <u>253 East Houston Street</u> , <u>Apt. 2</u> ; <u>New York</u> , <u>New York 10002</u> , have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "GENERATING GLOBALLY COHERENT TIMESTAMPS" (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:  Peter Hochschild, Alexander Lloyd, Wilson Cheng-Yi Hsieh, Robert Edman Felderman, and Michael James Boyer Epstein (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 13/475,143 , filed on 5-18-12 ] the application number and filing date of the application when known), and		
WHEREAS, Google Inc., 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;		
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.		
May 17 2012 Ps	chill	
Mog 17 2012 Par (Date)	(Signature)	
Signature of Witness  Michael Tulones  Printed Name of Witness		

Docket Number (Optional)

GOOGLE 3.0-503 1

WHEREAS, I, <u>Alexander Lloyd</u> of <u>35 White St #2; New York, New York 10013</u> , have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "GENERATING GLOBALLY COHERENT TIMESTAMPS" (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:  Peter Hochschild, Alexander Lloyd. Wilson Cheng-Yi Hsieh. Robert Edman Felderman, and Michael James Boyer Epstein (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 13/475,143], filed on 5-18-12] the application number and filing date of the application when 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.
5/17/12 (Signature)
Signature of Witness  Michael Malonea  Printed Name of Witness

Docket Number (Optional)

GOOGLE 3.0-503 I

WHEREAS, I, Wilson Cheng-Yi Hsieh of 95 Sagamore Drive; Syosset, New York 11791, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "GENERATING GLOBALLY COHERENT TIMESTAMPS" (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:  Peter Hochschild, Alexander Lloyd, Wilson Cheng-Yi Hsieh, Robert Edman Felderman, and Michael James Boyer Epstein (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 13/475,143], filed on 5-18-12] the application number and filing date of the application when 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-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.		
(Date)  Mathatian (Signature)		
Signature of Witness  Michael J Malovey  Printed Name of Witness		

	Docket Number (Optional)
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ASSIGNMENT OF PATENT APPLICATION

GOOGLE 3.0-503 I

WHEREAS, I, Robert Edman Felderman of 310 la Mesa Drive; Portola Valley, California 94028, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "GENERATING GLOBALLY COHERENT TIMESTAMPS" (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:  Peter Hochschild, Alexander Lloyd, Wilson Cheng-Yi Hsieh, Robert Edman Felderman, and Michael James Boyer Epstein (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets (Application No. 13/475, 143, filed on 5-18-12 ) 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> <u>Amphitheatre Parkway</u> ; <u>Mountain View, California 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;
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 mater 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 sensonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's reasonable request I agree, without further remuneration, to execute and deliver documents prepared at assignee's reasonable request I agree, without further remuneration, to execute and extension and to record assignee's prepared at a forth remains to the further assignee's prepared at a trade and the assignee and patent the assignee may assign or transfer all or part of its rights set forth herein in its sole discretion. I agree the appropriate and the order of the provision hereof. If any provision here of the provision hereof. I have a p

**RECORDED: 11/02/2015** 

Docket Number (Optional)

	GOOGLE 3.0-503 I	
WHEREAS, I, Michael James Boyer Epstein of 230 Ashland Place; Apartment PHA: Brooklyn, New York 11217, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "GENERATING GLOBALLY COHERENT TIMESTAMPS" (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:  Peter Hochschild, Alexander Lloyd. Wilson Cheng-Yi Hsieh, Robert Edman Felderman, and Michael James Boyer Epstein (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 13/475,143], filed on 5-18-12] 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> <u>Amphitheatre Parkway; Mountain View, California 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;		
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.		
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5/17/12	My	
(Date)	(Signature)	
Fer		
Signature of Witness		
Printed Name of Witness		
Printed Name of Witness		

PATENT REEL: 036934 FRAME: 0466