PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT7457519

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WILSON CHENG-YI HSIEH	06/04/2012
ALEXANDER LLOYD	06/27/2012
PETER HOCHSCHILD	06/04/2012
MICHAEL JAMES BOYER EPSTEIN	06/04/2012
SEAN QUINLAN	06/18/2012

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:	17875780

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) 654-5000

Email: assignment@lernerdavid.com

Correspondent Name: LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP

Address Line 1: 20 COMMERCE DR.

Address Line 4: CRANFORD, NEW JERSEY 07016

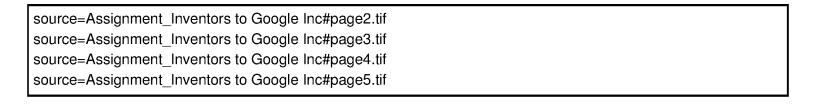
ATTORNEY DOCKET NUMBER:	GOOGLE 3.0-503 II CON CON
NAME OF SUBMITTER:	MELINDA C. CORMIER
SIGNATURE:	/Melinda C. Cormier/
DATE SIGNED:	07/28/2022

Total Attachments: 5

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PATENT REEL: 060660 FRAME: 0335

507410591



PATENT REEL: 060660 FRAME: 0336

ASSIGNMENT OF PATENT APPLICATION

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ASSIGNMENT OF PATENT APPLICATION

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 "ENSURING GLOBALLY CONSISTENT TRANSACTIONS" (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: <u>Wilson Cheng-Yi Hsieh, Alexander Lloyd, Peter Hochschild, Michael James Boyer Epstein, and Sean Quinlan</u> (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 61/655,386], filed on 6-4-2012] 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 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.
Signature of Witness LIDOR CARMT Printed Name of Witness

ASSIGNMENT OF PATENT APPLICATION

Docket Number (Optional)

WHEREAS, I, <u>Peter Hochschild</u> of <u>253 East Houston S</u> or discovered inventions or discoveries, the subject matter of whitentitled "ENSURING GLOBALLY CONSISTENT TRANSACTION	
WHEREAS (if the left box is checked), the Patent Appli Trademark Office on, Application Number	cation was filed with the U.S. Patent and, and
WHEREAS (if the left box is checked), the Patent Applituding Wilson Cheng-Yi Hsieh, Alexander Lloyd, Peter Hochson (and whereas I hereby authorize Lerner, David, Littenberg, Krum [Application No. $\underline{61/655,386}$, filed on $\underline{6-4-2012}$ application when known), and	child, Michael James Boyer Epstein, and Sean Quinlan holz & Mentlik, LLP, to insert in here in brackets
WHEREAS, <u>Google Inc.</u> , incorporated or otherwise for <u>Amphitheatre Parkway; Mountain View, California 94043</u> (herea acquired and is desirous of memorializing its acquisition further h	med in <u>Delaware</u> and having a place of business at <u>1600</u> fter, the "assignee") is desirous of acquiring, or has herein, the entire right, title and interest in same;
NOW, THEREFORE, for good and valuable considerat as follows. I agree to assign, and hereby do assign, to the assig Assigned Applications in the United States of America and all oft Patent Application, including any and all inventions, discoveries continuation, continuation-in-part, substitute, reissue, re-examina Patent Application pursuant to any law or treaty, and any patent do assign, to assignee the right to claim such priority or benefit. obligation to convey, my rights in the Assigned Applications to a Trademark Office, and any other governmental agency in the work Assigned Applications and to record assignee's ownership there further remuneration, to execute and deliver documents prepare such as testimony, as may be reasonably required to evidence of Assignee may assign or transfer all or part of its rights set forth haffix its signature to this document as well as any other indicia of herein is unenforceable, the requirements of the provision shall roffending portions thereof shall be deemed replaced, to the external provision of the offending provision.	ner countries, where "Assigned Applications" means the and other subject matter described therein, any divisional, ation or other application claiming priority or benefit to the issuing from the foregoing. I agree to assign, and hereby I have not previously conveyed, nor am I aware of an third party. I hereby authorize the U.S. Patent and orld, to issue to assignee all patents resulting from the of. At assignee's reasonable request I agree, without d at assignee's expense and to provide other cooperation or protect assignee's rights in the Assigned Applications. Therein in its sole discretion. I agree that the assignee may its acceptance of the provisions hereof. If any provision remain to the full extent permissible by law and the
6/4/d·12 (Date)	Par Carreture)
Signature of Witness Ruoming Pang Printed Name of Witness	(Signature)

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, I, <u>Michael James Boyer Epstein</u> of <u>230 Ashland Place</u> ; <u>Apartment PHA</u> ; <u>Brooklyn, New York 11217</u> , have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "ENSURING GLOBALLY CONSISTENT TRANSACTIONS" (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: Wilson Cheng-Yi Hsieh. Alexander Lloyd. Peter Hochschild. Michael James Boyer Epstein. and Sean Quinlan (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. $\underline{61/655,386}$, filed on $\underline{6-4-2012}$] 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 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.
(Signature)
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Signature of Witness Michael TMalouer
Printed Name of Witness
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ASSIGNMENT OF PATENT APPLICATION

GOOGLE 3.0-503 II

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RECORDED: 07/28/2022