507052079 12/30/2021

PATENT ASSIGNMENT COVER SHEET

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Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SRINATH BADRINATH	12/14/2021
CARLOS ARGUELLES	12/14/2021
DANHAO GUO	12/29/2021
BENSON MARGULIES	12/14/2021

RECEIVING PARTY DATA

Name:	GOOGLE LLC
Street Address:	1600 AMPHITHEATRE PARKWAY
City:	MOUNTAIN VIEW
State/Country:	CALIFORNIA
Postal Code:	94043

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17555666

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 3.0F-3584
NAME OF SUBMITTER:	LIZ SEMON
SIGNATURE:	/Liz Semon/
DATE SIGNED:	12/30/2021

Total Attachments: 4

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PATENT 507052079 REEL: 058507 FRAME: 0388

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PATENT REEL: 058507 FRAME: 0389

ASSIGNMENT OF PATENT APPLICATION

Docket Number (Optional)

	GOOGLE 3.0F-3584	
WHEREAS, I, <u>Srinath Badrinath</u> of Bangalore, Karnataka, India, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "Method For Copying Spanner Databases From Production To Test Environments" (hereafter "Patent Application"),		
WHEREAS (if the left box is checked), the Patent Application was Trademark Office on, Application Number		
X WHEREAS (if the left box is checked), the Patent Application names the following inventors: Srinath Badrinath, Carlos Arguelles, Danhao Guo, and Benson Margulies (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No17/555,666, filed on] the application number and filing date of the application when known), and		
WHEREAS, <u>Google LLC</u> , incorporated or otherwise formed in <u>Delaware</u> and having a place of business at <u>1600</u> <u>Amphitheatre Parkway; Mountain View, CA 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.		
12/14/2021		
(Date)	(Signature)	

ASSIGNMENT OF PATENT APPLICATION

Docket Number (Optional)

	GOOGLE 3.0F-3584	
WHEREAS, I, <u>Carlos Arguelles</u> of Edmonds, Washington, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled " Method For Copying Spanner Databases From Production To Test Environments" (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 na Srinath Badrinath, Carlos Arguelles, Danhao Guo, and Benson Margulies (a Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Applicatio 12/20/2021] the application number and filing date of the application.	and whereas I hereby authorize Lemer, David, on No. 17/555,666 , filed on	
WHEREAS, <u>Google LLC</u> , incorporated or otherwise formed in <u>Delaware</u> and having a place of business at <u>1600</u> <u>Amphitheatre Parkway; Mountain View, CA 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 provision 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.		
12/14/2021	usigned by:	
(Date)	-582FCF5E488 (Signature)	

ASSIGNMENT OF PATENT APPLICATION

Docket Number (Optional)

	GOOGLE 3.0F-3584	
WHEREAS, I, <u>Danhao Guo</u> of San Mateo, California, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "Method For Copying Spanner Databases From Production To Test Environments" (hereafter "Patent Application"),		
WHEREAS (if the left box is checked), the Patent Application was Trademark Office on, Application Number		
X WHEREAS (if the left box is checked), the Patent Application na Srinath Badrinath, Carlos Arguelles, Danhao Guo, and Benson Margulies (a Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application] the application number and filing date of the application	and whereas I hereby authorize Lerner, David, on No, filed on	
WHEREAS, <u>Google LLC</u> , incorporated or otherwise formed in <u>D</u> <u>Amphitheatre Parkway; Mountain View, CA 94043</u> (hereafter, the "assigne is desirous of memorializing its acquisition further herein, the entire right, the control of t	ee") is desirous of acquiring, or has acquired and	
h	ntire right, title and interest in and to the ries, where "Assigned Applications" means the subject matter described therein, any divisional, her application claiming priority or benefit to the orm the foregoing. I agree to assign, and hereby the treviously conveyed, nor am I aware of an y. I hereby authorize the U.S. Patent and ue to assignee all patents resulting from the signee's reasonable request I agree, without nee's expense and to provide other cooperation, assignee's rights in the Assigned Applications. Is sole discretion. I agree that the assignee may stance of the provisions hereof. If any provision the full extent permissible by law and the	
12/29/2021 Pan	has Low	
(Date)	(Signature)	

RECORDED: 12/30/2021

ASSIGNMENT OF PATENT APPLICATION

Docket Number (Optional)

	GOOGLE 3.0F-3584	
WHEREAS, I, <u>Benson Margulies</u> of Seattle, Washington, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "Method For Copying Spanner Databases From Production To Test Environments" (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>Srinath Badrinath, Carlos Arguelles, Danhao Guo, and Benson Margulies</u> (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. <u>17/555,666</u> , filed on 12/20/2021] the application number and filing date of the application when known), and		
WHEREAS, <u>Google LLC</u> , incorporated or otherwise formed in <u>Delaware</u> and having a place of business at <u>1600</u> <u>Amphitheatre Parkway; Mountain View, CA 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.		
12/14/2021	Signed by:	
(Date)	FCA60Àଞ୍ଜେଞ୍ଜେ (Signature)	

PATENT REEL: 058507 FRAME: 0393