506495514 02/09/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CARL NYGAARD	06/12/2015
JAMES STOUT	06/12/2015
JIAJUN ZHU	06/29/2015

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:	17159271

CORRESPONDENCE DATA

Fax Number:

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.

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Correspondent Name: BOTOS CHURCHILL IP LAW LLP

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Address Line 2: SUITE 401

Address Line 4: NEW PROVIDENCE, NEW JERSEY 07974

ATTORNEY DOCKET NUMBER:	XSDV 3.0F-1799 CC [10077]
NAME OF SUBMITTER:	IDA ZAZZALI
SIGNATURE:	/IDA ZAZZALI/
DATE SIGNED:	02/09/2021

Total Attachments: 3

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PATENT 506495514 REEL: 055198 FRAME: 0149

ASSIGNMENT OF PATENT APPLICATION

Docket Number (Optional)

GOOGLE 3.0F-1799 (E)

subject matter of which is described in the patent application "Patent Application"),	nia , have invented or discovered inventions or discoveries, the nentitled "SIMULATING VIRTUAL OBJECTS" (hereafter
WHEREAS (if the left box is checked), the Patent A	
WHEREAS (if the left box is checked), the Patent A Carl Nygaard, James Stout, and Jiajun Zhu (and whereas I hall LLP, to insert in here in brackets [Application No. and filing date of the application when known), and	Application names the following inventors: ereby authorize Lerner, David, Littenberg, Krumholz & Mentlik,, filed on] the application number
WHEREAS, <u>Google Inc.</u> , incorporated or otherwise <u>Amphitheatre Parkway; Mountain View, California 94043</u> (hacquired and is desirous of memorializing its acquisition furt	
as follows. I agree to assign, and hereby do assign, to the a Assigned Applications in the United States of America and a Patent Application, including any and all inventions, discover continuation, continuation-in-part, substitute, reissue, re-exa Patent Application pursuant to any law or treaty, and any pardo assign, to assignee the right to claim such priority or bene obligation to convey, my rights in the Assigned Applications 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 preguch as testimony, as may be reasonably required to eviden Assignee may assign or transfer all or part of its rights set for affix its signature to this document as well as any other indicherein is unenforceable, the requirements of the provision st	all other countries, where "Assigned Applications" means the ries and other subject matter described therein, any divisional, imination or other application claiming priority or benefit to the tent issuing from the foregoing. I agree to assign, and hereby effit. I have not previously conveyed, nor am I aware of an to a third party. I hereby authorize the U.S. Patent and e world, to issue to assignee all patents resulting from the hereof. At assignee's reasonable request I agree, without pared at assignee's expense and to provide other cooperation, not or protect assignee's rights in the Assigned Applications. Both herein in its sole discretion. I agree that the assignee may that of its acceptance of the provisions hereof. If any provision hall remain to the full extent permissible by law and the
offending portions thereof shall be deemed replaced, to the purpose of the offending provision.	extent possible, with a provision most closely reflecting the
purpose of the offending provision.	<u>.</u>
	extent possible, with a provision most closely reflecting the

4099097

ASSIGNMENT OF PATENT APPLICATION

Docket Number (Optional)

GOOGLE 3.0F-1799 (E)

WHEREAS, I, <u>James Stout</u> of <u>Mountain View, Califor</u> the subject matter of which is described in the patent application "Patent Application"),	rnia, have invented or discovered inventions or discoveries, on entitled "SIMULATING VIRTUAL OBJECTS" (hereafter
WHEREAS (if the left box is checked), the Patent Ap	
X WHEREAS (if the left box is checked), the Patent Ap Carl Nygaard, James Stout, and Jiajun Zhu (and whereas I here LLP, to insert in here in brackets [Application No. and filing date of the application when known), and	eby authorize Lerner, David, Littenberg, Krumholz & Mentlik,
WHEREAS, <u>Google Inc.</u> , incorporated or otherwise for <u>Amphitheatre Parkway</u> ; <u>Mountain View</u> , <u>California 94043</u> (here 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 ass Assigned Applications in the United States of America and all or Patent Application, including any and all inventions, discoverie continuation, continuation-in-part, substitute, reissue, re-examing Patent Application pursuant to any law or treaty, and any pater do assign, to assignee the right to claim such priority or benefit obligation to convey, my rights in the Assigned Applications to Trademark Office, and any other governmental agency in the valuable Assigned Applications and to record assignee's ownership their further remuneration, to execute and deliver documents preparation as testimony, as may be reasonably required to evidence Assignee may assign or transfer all or part of its rights set forth affix its signature to this document as well as any other indicial herein is unenforceable, the requirements of the provision shall offending portions thereof shall be deemed replaced, to the expurpose of the offending provision.	other countries, where "Assigned Applications" means the is and other subject matter described therein, any divisional, ination or other application claiming priority or benefit to the int issuing from the foregoing. I agree to assign, and hereby t. I have not previously conveyed, nor am I aware of an a third party. I hereby authorize the U.S. Patent and world, to issue to assignee all patents resulting from the reof. At assignee's reasonable request I agree, without red at assignee's expense and to provide other cooperation, a or protect assignee's rights in the Assigned Applications. In herein in its sole discretion. I agree that the assignee may of its acceptance of the provisions hereof. If any provision II remain to the full extent permissible by law and the
Jun 12, 2015	(Signature)
(Date)	(Signature)

Docket Number (C	ptional)	Ì
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ASSIGNMENT OF PATENT APPLICATION

GOOGLE 3.0F-1799 (E

WHEREAS, I, Jiajun Zhu of Palo Alto, California, have invented or di subject matter of which is described in the patent application entitled "SIMULA "Patent Application"), WHEREAS (if the left box is checked), the Patent Application was filed Trademark Office on June 19, 2015 Application Number 14/744,891, and WHEREAS (if the left box is checked), the Patent Application names Carl Nygaard, James Stout, and Jiajun Zhu (and whereas I hereby authorize Le LLP, to insert in here in brackets [Application No, filed on and filing date of the application when known), and WHEREAS, Google Inc., incorporated or otherwise formed in Delawa Amphitheatre Parkway; Mountain View. California 94043 (hereafter, the "assignacquired and is desirous of memorializing its acquisition further herein, the entity NOW, THEREFORE, for good and valuable consideration the receip as follows. I agree to assign, and hereby do assign, to the assignee my entire	TING VIRTUAL OBJECTS* (hereafter ed with the U.S. Patent and the following inventors: rner, David, Littenberg, Krumholz & Mentlik,] the application number are and having a place of business at 1600 gnee*) is desirous of acquiring, or has ire right, title and interest in same;
Trademark Office on June 19, 2015 Application Number 14/744,891, and WHEREAS (if the left box is checked), the Patent Application names Carl Nygaard, James Stout, and Jiajun Zhu (and whereas I hereby authorize Le LLP, to insert in here in brackets [Application No, filed on and filing date of the application when known), and WHEREAS, Google Inc., incorporated or otherwise formed in Delawa Amphitheatre Parkway; Mountain View. California 94043 (hereafter, the "assign acquired and is desirous of memorializing its acquisition further herein, the ent NOW, THEREFORE, for good and valuable consideration the receip	the following inventors: rner, David, Littenberg, Krumholz & Mentlik,
Carl Nygaard, James Stout, and Jiajun Zhu (and whereas I hereby authorize Le LLP, to insert in here in brackets [Application No, filed on and filing date of the application when known), and WHEREAS, Google Inc., incorporated or otherwise formed in Delawa Amphitheatre Parkway; Mountain View, California 94043 (hereafter, the "assig acquired and is desirous of memorializing its acquisition further herein, the ent NOW, THEREFORE, for good and valuable consideration the receip	rner, David, Littenberg, Krumholz & Mentlik,] the application number are and having a place of business at 1600 gnee") is desirous of acquiring, or has ire right, title and interest in same;
Amphitheatre Parkway; Mountain View. California 94043 (hereafter, the "assign acquired and is desirous of memorializing its acquisition further herein, the ent NOW, THEREFORE, for good and valuable consideration the receip	gnee") is desirous of acquiring, or has ire right, title and interest in same;
	t of which is hereby acknowledged, I agree
Assigned Applications in the United States of America and all other countries, Patent Application, including any and all inventions, discoveries and other subject continuation, continuation-in-part, substitute, reissue, re-examination or other a Patent Application pursuant to any law or treaty, and any patent issuing from the do assign, to assignee the right to claim such priority or benefit. I have not preobligation to convey, my rights in the Assigned Applications to a third party. It is trademark Office, and any other governmental agency in the world, to issue to Assigned Applications and to record assignee's ownership thereof. At assignee further remuneration, to execute and deliver documents prepared at assignee's such as testimony, as may be reasonably required to evidence or protect assignee may assign or transfer all or part of its rights set forth herein in its so affix its signature to this document as well as any other indicia of its acceptance herein is unenforceable, the requirements of the provision shall remain to the foffending portions thereof shall be deemed replaced, to the extent possible, with purpose of the offending provision.	where "Assigned Applications" means the lect matter described therein, any divisional, application claiming priority or benefit to the ne foregoing. I agree to assign, and hereby eviously conveyed, nor am I aware of an enereby authorize the U.S. Patent and assignee all patents resulting from the re's reasonable request I agree, without is expense and to provide other cooperation, gnee's rights in the Assigned Applications. I agree that the assignee may e of the provisions hereof. If any provision util extent permissible by law and the thing a provision most closely reflecting the
Jun 29, 2015	
(Date)	(Signature)

RECORDED: 02/09/2021