504000644 09/12/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SCOTT ETTINGER	01/06/2015
DAVID LEE	01/13/2015
EVAN RAPOPORT	01/06/2015
JACOB MINTZ	01/06/2015
BRYAN FELDMAN	01/06/2015
MIKKEL CRONE KÖSER	01/06/2015
DANIEL JOSEPH FILIP	01/06/2015

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:	15261243

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) 518-6385

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 3.0F-1232 CON
NAME OF SUBMITTER:	MELINDA C. CORMIER
SIGNATURE:	/Melinda C. Cormier/
DATE SIGNED:	09/12/2016

Total Attachments: 7 source=GOOGLE 3.0F-1232 CON_ASSIGNMENT_7103#page1.tif source=GOOGLE 3.0F-1232 CON_ASSIGNMENT_7103#page2.tif source=GOOGLE 3.0F-1232 CON_ASSIGNMENT_7103#page3.tif source=GOOGLE 3.0F-1232 CON_ASSIGNMENT_7103#page4.tif source=GOOGLE 3.0F-1232 CON_ASSIGNMENT_7103#page5.tif source=GOOGLE 3.0F-1232 CON_ASSIGNMENT_7103#page6.tif source=GOOGLE 3.0F-1232 CON_ASSIGNMENT_7103#page7.tif

Docket Number (Optional)

GOOGLE 3.0F-1232 (E)

WHEREAS, I, <u>Scott Ettinger</u> of <u>1600 Amphitheatre Par</u> discovered inventions or discoveries, the subject matter of which "SYNTHETIC CAMERA LENSES" (hereafter "Patent Application")	
WHEREAS (if the left box is checked), the Patent App Trademark Office on, Application Number	
WHEREAS (if the left box is checked), the Patent App Scott Ettinger, David Lee, Evan Rapoport, Jake Mintz, Bryan Feld whereas I hereby authorize Lerner, David, Littenberg, Krumholz & 14/596,776 , filed on 1/14/2015] the application	lman, Mikkel Crone Köser, and Daniel Joseph Filip (and
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	
as follows. I agree to assign, and hereby do assign, to the assign Assigned Applications in the United States of America and all ot Patent Application, including any and all inventions, discoveries continuation, continuation-in-part, substitute, reissue, re-examin 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 therefurther 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 laffix its signature to this document as well as any other indicia of herein is unenforceable, the requirements of the provision shall offending portions thereof shall be deemed replaced, to the extending provision.	ther 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 early of the easignee's reasonable request I agree, without 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 if its acceptance of the provisions hereof. If any provision remain to the full extent permissible by law and the ent possible, with a provision most closely reflecting the
(an C. 2045	- Mas
Jan 6, 2015 (Date)	Sout Banger (Ion 8, 2013) (Signature)
(Bate)	(Signature)

Docket Number (Optional)

GOOGLE 3.0F-1232 (E)

WHEREAS, I, <u>David Lee</u> of <u>1600 Amphitheatre Parkway</u> ; <u>Mountain View. California 94043</u> , have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SYNTHETIC CAMERA LENSES" (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: Scott Ettinger, David Lee, Evan Rapoport, Jake Mintz, Bryan Feldman, Mikkel Crone Köser, and Daniel Joseph Filip (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 14/596,776 , filed on 1/14/2015] 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; <u>Mountain View</u> , <u>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.
I further agree to assign, and hereby do assign, to assignee my entire right, title and interest in and to Provisional Application No. <u>61/942,906</u> , filed <u>February 21, 2014</u> , such provisional application being considered an Assigned Application for all purposes herein.
<u>Jan 13, 2015</u> (Date) (Signature)
(Date) (Signature)

Docket Number (Optional)

GOOGLE 3.0F-1232 (E)

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WHEREAS, I, <u>Evan Rapoport</u> of <u>1600 Amphitheatre Pa</u> or discovered inventions or discoveries, the subject matter of whi "SYNTHETIC CAMERA LENSES" (hereafter "Patent Application"	
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X WHEREAS (if the left box is checked), the Patent Appli Scott Ettinger, David Lee, Evan Rapoport, Jake Mintz, Bryan Feldr whereas I hereby authorize Lerner, David, Littenberg, Krumholz & 14/596,776 , filed on 1/14/2015] the application and	man, Mikkel Crone Köser, and Daniel Joseph Filip (and
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Jan 6, 2015	
(Date)	Exer Papagon Gan 8, 1918) (Signature)

Docket Number (Optional)

GOOGLE 3.0F-1232 (E)

Docket Number (Optional)

GOOGLE 3.0F-1232 (E)

e Parkway: Mountain View, California 94043, have invented f which is described in the patent application entitled tion"),
Application was filed with the U.S. Patent and r, and
Application names the following inventors: Feldman, Mikkel Crone Köser, and Daniel Joseph Filip (and Iz & Mentlik, LLP, to insert in here in brackets [Application No. cation number and filing date of the application when known),
formed in <u>Delaware</u> and having a place of business at <u>1600</u> ereafter, the "assignee") is desirous of acquiring, or has her herein, the entire right, title and interest in same;
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ayor of
Styon Endmon Gan 9, 2015, (Signature)

Docket Number (Optional)

GOOGLE 3.0F-1232 (E)

WHEREAS, I, Mikkel Crone Köser of 1600 Amphitheatre Parkway; Mountain View, California 94043, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SYNTHETIC CAMERA LENSES" (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: Scott Ettinger, David Lee, Evan Rapoport, Jake Mintz, Bryan Feldman, Mikkel Crone Köser, and Daniel Joseph Filip (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 14/596,776 , filed on 1/14/2015] 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; <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 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. I further agree to assign, and hereby do assign, to assignee my entire right, t	
Jan 6, 2015	
(Date) (Signature)	

Docket Number (Optional)

GOOGLE 3.0F-1232 (E)

WHEREAS, I, <u>Daniel Joseph Filip</u> of <u>1600 Amphitheatre Parkway; Mountain View, California 94043</u> , have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SYNTHETIC CAMERA LENSES" (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: Scott Ettinger, David Lee, Evan Rapoport, Jake Mintz, Bryan Feldman, Mikkel Crone Köser, and Daniel Joseph Filip (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 14/596,776 , filed on 1/14/2015] 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; <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 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. I further agree to assign, and hereby do assign, to assignee my entire right, t
Jan 6, 2015
Jan 6, 2015 (Date) (Date) (Signature)

PATENT

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