PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3689459

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SCOTT EDWARD DILLARD	12/09/2015
HUMBERTO CASTANEDA	12/09/2015
SU CHUIN LEONG	01/04/2016
MICHAEL CAMERON JONES	12/09/2015
CHRISTOPHER GRAY	12/09/2015
EVAN HARDESTY PARKER	12/09/2015

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:	14972843

CORRESPONDENCE DATA

Fax Number: (908)654-0415

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) 518-6379

assignment@lernerdavid.com Email:

Correspondent Name: LDLK&M

Address Line 1: 600 SOUTH AVENUE WEST

Address Line 4: WESTFIELD, NEW JERSEY 07090

ATTORNEY DOCKET NUMBER:	GOOGLE 3.0F-1952
NAME OF SUBMITTER:	MELINDA C. CORMIER
SIGNATURE:	/Melinda C. Cormier/
DATE SIGNED:	01/11/2016

Total Attachments: 6

PATENT REEL: 037452 FRAME: 0272

503642826



Docket Number (Optional)

	GOOGLE 3.0F-1952	
WHEREAS, I, Scott Edward Dillard of Shoreline, Washington, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "Navigation Through Multidimensional Images Spaces" (hereafter "Patent Application"),		
WHEREAS (if the left box is checked), the Patent Application was Trademark Office on Application Number		
WHEREAS (if the left box is checked), the Patent Application names the following inventors: Scott Edward Dillard, Humberto Castaneda, Su Chuin Leong, Michael Cameron Jones, Christopher Gray, and Evan Hardesty Parker (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 14/972,843 filed on 12/17/15] 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</u> , <u>California</u> <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 indicta 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.		
in in more	Cocusigned by:	
12/9/2015 (Date)	(Signature)	
	·	

Docket Number (Optional)

	GOOGLE 3.0F-1952	
WHEREAS, I, <u>Humberto Castaneda</u> of <u>Kirkland, Washington</u> , have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "Navigation Through Multidimensional Images Spaces" (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 Edward Dillard, Humberto Castaneda, Su Chuin Leong, Michael Cameron Jones, Christopher Gray, and Evan Hardesty Parker (and whereas I hereby authorize Lemer, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 14/972,843 filed on 12/17/15] 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 <u>Parkway</u> ; <u>Mountain View</u> , <u>California</u> <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 indicts 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.		
12/9/2015	Julia	
(Date)	SDBRO7CS24A548A (Signature)	

PATENT PATENT PATENT: 0275

Docket Number (Optional)

	GOOGLE 3.0F-1952	
WHEREAS, I, Su Chuin Leong of South San Francisco, California, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "Navigation Through Multidimensional Images Spaces" (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		
WHEREAS (if the left box is checked), the Patent Application names the following inventors: Scott Edward Dillard, Humberto Castaneda, Su Chuin Leong, Michael Cameron Jones, Christopher Gray, and Evan Hardesty Parker (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 14/972,843 filed on 12/17/15] 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 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.		
	Cocusigned by:	
1.1/2010		
1/4/2016	(X)09/405/107/49X	
(Date)	(Signature)	

Docket Number (Optional)

	GOOGLE 3.0F-1952	
WHEREAS, I, Michael Cameron Jones of Seattle, Washington, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "Navigation Through Multidimensional Images Spaces" (hereafter "Patent Application"),		
WHEREAS (if the left box is checked), the Patent Application was Trademark Office on		
WHEREAS (if the left box is checked), the Patent Application names the following inventors: Scott Edward Dillard, Humberto Castaneda, Su Chuin Leong, Michael Cameron Jones, Christopher Gray, and Evan Hardesty Parker (and whereas I hereby authorize Lemer, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 14/972, 843 filed on 12/17/15] 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</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.		
	DocuSigned by	
and the services	The state of the s	
12/9/2015		
(Date)	(Signature)	

Docket Number (Optional)

	GOOGLE 3.0F-1952	
WHEREAS, I, Christopher Gray of Los Gatos, California, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "Navigation Through Multidimensional Images Spaces" (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 Edward Dillard, Humberto Castaneda, Su Chuin Leong, Michael Cameron Jones, Christopher Gray, and Evan Hardesty Parker (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 14/972,843 filed on 12/17/15] 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 <u>Parkway</u> ; <u>Mountain View</u> , <u>California</u> <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.		
12 /6 /2026		
12/9/2015	8958E698OCS74OO	
(Date)	(Signature)	

RECORDED: 01/11/2016

ASSIGNMENT OF PATENT APPLICATION

Docket Number (Optional)

	GOOGLE 3.0r-1902	
WHEREAS, I, Evan Hardesty Parker of Los Altos, California, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "Navigation Through Multidimensional Images Spaces" (hereafter "Patent Application"),		
WHEREAS (if the left box is checked), the Patent Application was Trademark Office on, Application Number		
WHEREAS (if the left box is checked), the Patent Application no Scott Edward Dillard, Humberto Castaneda, Su Chuin Leong, Michael Cam Parker (and whereas I hereby authorize Lemer, David, Littenberg, Krumho [Application No. 14/972,843 filed on 12/17/15] the apwhen known), and	eron Jones, Christopher Gray, and Evan Hardesty iz & Mentlik, LLP, to insert in here in brackets	
WHEREAS, <u>Google Inc.</u> , incorporated or otherwise formed in <u>D. Amphitheatre Parkway: Mountain View, California 94043 (hereafter, the acquired and is desirous of memorializing its acquisition further herein, the</u>	'assignee") is desirous of acquiring, or has	
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.		
12/9/2015	Evan Parker	
(Date)	(Signature)	