502547612 10/28/2013

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2593151

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MR. DAVID GALLUP	10/16/2013
MR. LIYONG CHEN	10/08/2013
MR. SHUCHANG ZHOU	10/09/2013
MR. STEVEN MAXWELL SEITZ	10/08/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14056527

CORRESPONDENCE DATA

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 (908)654-0415

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 (908) 518-6379

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Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: LDLK&M

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Address Line 4: WESTFIELD, NEW JERSEY 07090

	PATENT
Signature:	/Noelle L. Cacciabeve/
NAME OF SUBMITTER:	NOELLE L. CACCIABEVE
ATTORNEY DOCKET NUMBER:	GOOGLE 3.12-1147

502547612 REEL: 031488 FRAME: 0529

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Date:	10/28/2013
Total Attachments: 4 source=GOOGLE 3.12F-1147 Assignment [2411]#page1.tif source=GOOGLE 3.12F-1147 Assignment [2411]#page2.tif source=GOOGLE 3.12F-1147 Assignment [2411]#page3.tif	
source=GOOGLE 3.12F-1147 Assignment [2411]#page4.tif	

PATENT REEL: 031488 FRAME: 0530

Docket Number (Optional)

ASSIGNMENT OF PATENT APPLICATION

GOOGLE 3.0F-1147

WHEREAS, I, <u>David Gallup</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 "TECHNIQUES FOR NAVIGATION AMONG MULTIPLE IMAGES" (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: David Gallup, Liyong Chen, Shuchang Zhou, and Steven Maxwell Seitz (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No, filed on] the application number and filing date of the application when known), and			
Amphitheatre Parkway; Mountain View, California	otherwise formed in <u>Delaware</u> and having a place of business at <u>1600</u> <u>94043</u> (hereafter, the "assignee") is desirous of acquiring, or has isition further herein, the entire right, title and interest in same;		
as follows. I agree to assign, and hereby do assig Assigned Applications in the United States of Ame Patent Application, including any and all inventions continuation, continuation-in-part, substitute, reiss. Patent Application pursuant to any law or treaty, at do assign, to assignee the right to claim such prior obligation to convey, my rights in the Assigned App Trademark Office, and any other governmental agrassigned Applications and to record assignee's ow further remuneration, to execute and deliver docurs us the stestimony, as may be reasonably required Assignee may assign or transfer all or part of its rigaffix its signature to this document as well as any other in sunenforceable, the requirements of the processing the states of the processing and the states of the states of the states of the processing and the states of	ble consideration the receipt of which is hereby acknowledged, I agree in, to the assignee my entire right, title and interest in and to the rica and all other countries, where "Assigned Applications" means the sidiscoveries and other subject matter described therein, any divisional, are, re-examination or other application claiming priority or benefit to the and any patent issuing from the foregoing. I agree to assign, and hereby ity or benefit. I have not previously conveyed, nor am I aware of an olications to a third party. I hereby authorize the U.S. Patent and ency in the world, to issue to assignee all patents resulting from the whereafth thereof. At assignee's reasonable request I agree, without ments prepared at assignee's expense and to provide other cooperation, to evidence or protect assignee's rights in the Assigned Applications, ghts set forth herein in its sole discretion. I agree that the assignee may other indicia of its acceptance of the provisions hereof. If any provision rovision shall remain to the full extent permissible by law and the ed, to the extent possible, with a provision most closely reflecting the		
Oct 16, 2013	5		
(Date)	Danka Sallus David Gallup (Oct 16, 2013) (Signature)		
(=)	(e.g.mane)		

Docket Number (Optional)

ASSIGNMENT OF PATENT APPLICATION

GOOGLE 3.0F-1147

WHEREAS, I, <u>Livong Chen</u> of <u>Tsinghua Science Park Bldg 6</u> ; No. 1 Zhongguancun East Road; Haidian; Beijing 100084; PEOPLE'S REPUBLIC OF CHINA, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "TECHNIQUES FOR NAVIGATION AMONG MULTIPLE IMAGES" (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
X WHEREAS (if the left box is checked), the Patent Application names the following inventors: David Gallup, Liyong Chen, Shuchang Zhou, and Steven Maxwell Seitz (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No, filed on] 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; 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.
Oct 8, 2013
Oct 8, 2013 (Date) Lyoth Chill (Cot 8, 2013) (Signature)

ASSIGNMENT OF PATENT APPLICATION

Docket Number (Optional)

GOOGLE 3.0F-1147

Beijing 100084; PEOPLE'S REPUBLIC OF CHINA, have in	nce Park Bldg 6; No. 1 Zhongguancun East Road; Haidian; Invented or discovered inventions or discoveries, the subject ad "TECHNIQUES FOR NAVIGATION AMONG MULTIPLE
WHEREAS (if the left box is checked), the Patent Trademark Office on, Application Numb	
X WHEREAS (if the left box is checked), the Patent David Gallup, Liyong Chen, Shuchang Zhou, and Steven Ma Littenberg, Krumholz & Mentlik, LLP, to insert in here in brace	axwell Seitz (and whereas I hereby authorize Lerner, David, ckets [Application No
WHEREAS, <u>Google Inc.</u> , incorporated or otherwis <u>Amphitheatre Parkway; Mountain View, California 94043</u> (i acquired and is desirous of memorializing its acquisition fur	se formed in <u>Delaware</u> and having a place of business at <u>1600</u> hereafter, the "assignee") is desirous of acquiring, or has rther herein, the entire right, title and interest in same;
as follows. I agree to assign, and hereby do assign, to the Assigned Applications in the United States of America and	ideration the receipt of which is hereby acknowledged, I agree assignee my entire right, title and interest in and to the all other countries, where "Assigned Applications" means the eries and other subject matter described therein, any divisional.
continuation, continuation-in-part, substitute, reissue, re-ex Patent Application pursuant to any law or treaty, and any pursuant to assign, to assignee the right to claim such priority or berobligation 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 further remuneration, to execute and deliver documents presuch as testimony, as may be reasonably required to evide Assignee may assign or transfer all or part of its rights set faffix its signature to this document as well as any other indinerein is unenforceable, the requirements of the provision set.	amination or other application claiming priority or benefit to the atent issuing from the foregoing. I agree to assign, and hereby nefit. I have not previously conveyed, nor am I aware of an s to a third party. I hereby authorize the U.S. Patent and he world, to issue to assignee all patents resulting from the thereof. At assignee's reasonable request I agree, without epared at assignee's expense and to provide other cooperation, once or protect assignee's rights in the Assigned Applications. Forth herein in its sole discretion. I agree that the assignee may icia of its acceptance of the provisions hereof. If any provision
0.40.0040	回なるよろ
Oct 9, 2013 (Date)	Shuchang Zhou (Oct 9, 2013 Signature)
(Date)	(Signature)

Docket	Number	(Optional)
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ASSIGNMENT OF PATENT APPLICATION

	GOOGLE 3.0F-1147	
WHEREAS, I, <u>Steven Maxwell Seitz</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 "TECHNIQUES FOR NAVIGATION AMONG MULTIPLE IMAGES" (hereafter "Patent Application"),		
WHEREAS (if the left box is checked), the Patent Application		
X WHEREAS (if the left box is checked), the Patent Application names the following inventors: David Gallup, Liyong Chen, Shuchang Zhou, and Steven Maxwell Seitz (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No, filed on 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; 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 as follows. I agree to assign, and hereby do assign, to the assignee in Assigned Applications in the United States of America and all other conceptation, including any and all inventions, discoveries and of continuation, continuation-in-part, substitute, reissue, re-examination of the continuation of the cont	my entire right, title and interest in and to the puntries, where "Assigned Applications" means the other subject matter described therein, any divisional,	
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 repassonable request I agree, without further remuneration, 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.		
Oct 8, 2013	 Maxwell Seltz (Oct 8, 2013) (Signature)	
(Date) Steven	Maxwell Seliz (Oct 8, 2013) (Signature)	
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