## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3458222

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Troy Chinen	10/09/2012
Ameesh Makadia	10/09/2012
Corinna Cortes	10/12/2012
Hartwig Adam	10/22/2012
Nemanja Petrovic	10/09/2012
Teresa Ko	10/22/2012
Sebastian Pueblas	10/09/2012

## **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:	14798569

## **CORRESPONDENCE DATA**

**Fax Number:** (877)769-7945

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:** (202) 783-5070 **Email:** apsi@fr.com

Correspondent Name: CHRISTOPHER MA

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	16113-5107002
NAME OF SUBMITTER:	ABBY REMER
SIGNATURE:	/Abby Remer/
DATE SIGNED:	07/28/2015

503411588 PATENT REEL: 036195 FRAME: 0608

# Total Attachments: 7 source=Assignment\_16113-5107002#page1.tif source=Assignment\_16113-5107002#page2.tif source=Assignment\_16113-5107002#page3.tif source=Assignment\_16113-5107002#page4.tif source=Assignment\_16113-5107002#page5.tif source=Assignment\_16113-5107002#page6.tif source=Assignment\_16113-5107002#page7.tif

PATENT REEL: 036195 FRAME: 0609

Docket Number (Optional)

GOOGLE 3.0-498
WHEREAS, I, <u>Troy Chinen</u> of <u>6330 Joaquin Murieta Avenue</u> ; <u>Unit G</u> ; <u>Newark</u> , <u>California 94560</u> , have invented of discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "PROVIDING IMAGE SEARCH TEMPLATES" (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:  Troy Chinen, Teresa Ko, Corinna Cortes, Nemanja Petrovic, Ameesh Makadia, Sebastian Pueblas, and Hartwig Adam (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 13/659,148], filed on 10-24-12 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, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application 1 61/692,771, filed August 24, 2012, and in the invention disclosed thereto in all countries of the world including the right claim priority or benefit of said Application No. 61/692,771 pursuant to any law or treaty in the countries of the world.
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said applicat when known.
10/9/2012 (Signature)
(Date)

ASSIGNMENT	OF	PATENT	<b>APPLICATION</b>
MOOICHNIEN	VI.	1 V-4 1 1 1 1 1 1 1	WE FEIGHT INTE

Docket Number (Optional)

GOOGLE 3.0-498
WHEREAS, I, <u>Teresa Ko</u> of <u>11759 Mayfield Avenue</u> ; <u>Los Angeles, California 90049</u> , have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "PROVIDING IMAGE SEARCH TEMPLATES" (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:  Troy Chinen, Teresa Ko, Corinna Cortes, Nemania Petrovic, Ameesh Makadia, Sebastian Pueblas, and Hartwig Adam (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 13/659, 148], filed on 10-24-12
WHEREAS, Google Inc., incorporated or otherwise formed in <u>Delaware</u> and having a place of business at 1600 Amphitheatre Parkway; Mountain View, California 94043 (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, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 61/692,771, filed August 24, 2012, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/692,771 pursuant to any law or treaty in the countries of the world.
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.
10/22/12 fers
(Date) (Signature)
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Docket Number (Optional)

## **ASSIGNMENT OF PATENT APPLICATION**

GOOGLE 3.0-498

WHEREAS, I, Corinna Cortes of 2 Washington Square Village; Apt. 7G; New York, New York 10012, have Invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "PROVIDING IMAGE SEARCH TEMPLATES" (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:  Troy Chinen, Teresa Ko, Corinna Cortes, Nemanja Petrovic, Ameesh Makadia, Sebastian Pueblas, and Hartwig Adam (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 13/659,148, filed on 10-24-12] 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, Callifornia 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 repasse 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.
61/692,771, filed August 24, 2012, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/692,771 pursuant to any law or treaty in the countries of the world.
And I do hereby authorize my attorneys to insert on this deed the filling date and application number of said application when known.
Ut 12, 2012 (MCC)
(Date) (Signature)

Docket Number (Optional)

GOOGLE 3.0-498

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WHEREAS, I, Nemanja Petrovic of 515 Aspen Drive; Plainsbo discovered Inventions or discoveries, the subject matter of which is desc "PROVIDING IMAGE SEARCH TEMPLATES" (hereafter "Patent Applications)	ribed in the patent application entitled
WHEREAS (if the left box is checked), the Patent Application valuement Office on, Application Number	was filed with the U.S. Patent and, and
WHEREAS (if the left box is checked), the Patent Application of Troy Chinen, Teresa Ko, Corinna Cortes, Nemanja Petrovic, Ameesh Makwhereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik 13/659,148, filed on 10-24-12 the application number and	kadia, Sebastian Pueblas, and Hartwig Adam (and
WHEREAS, <u>Google Inc.</u> , incorporated or otherwise formed in <u>Amphitheatre Parkway; Mountain View, California 94043</u> (hereafter, the acquired and is desirous of memorializing its acquisition further herein, t	"assignee") is desirous of acquiring, of has
NOW, THEREFORE, for good and valuable consideration the as follows. I agree to assign, and hereby do assign, to the assignee my Assigned Applications in the United States of America and all other coul Patent Application, including any and all inventions, discoveries and oth continuation, continuation-in-part, substitute, reissue, re-examination or Patent Application pursuant to any law or treaty, and any patent issuing do assign, to assignee the right to claim such priority or benefit. I have obligation to convey, my rights in the Assigned Applications to a third pater Trademark Office, and any other governmental agency in the world, to it Assigned Applications and to record assignee's ownership thereof. At a further remuneration, to execute and deliver documents prepared at assignee may assign or transfer all or part of its rights set forth herein it affix its signature to this document as well as any other indicia of its accidence in sunenforceable, the requirements of the provision shall remain offending portions thereof shall be deemed replaced, to the extent possign purpose of the offending provision.  I, as assignor, hereby assign to said assignee all of my right, title and	entire right, title and interest in and to the intries, where "Assigned Applications" means the er subject matter described therein, any divisional, other application claiming priority or benefit to the from the foregoing. I agree to assign, and hereby not previously conveyed, nor am I aware of an arty. I hereby authorize the U.S. Patent and ssue to assignee all patents resulting from the assignee's reasonable request I agree, without signee's expense and to provide other cooperation, of assignee's rights in the Assigned Applications. It is sole discretion. I agree that the assignee may reptance of the provisions hereof. If any provision to the full extent permissible by law and the lible, with a provision most closely reflecting the interest in United States Provisional Application No.
61/692,771, filed <u>August 24, 2012</u> , and in the invention disclosed there claim priority or benefit of said Application No. 61/692,771 pursuant to a	any law or treaty in the countries of the world.
And I do hereby authorize my attorneys to insert on this deed the fill when known.	ng date and application number of said application
Octgron	(Signature)
(Date)	(Signature)
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Docket Number (Optional)

GOOGLE 3.0-498
WHEREAS, I, Ameesh Makadia of 24 W 8th St., Apl. 4R: New York, New York 10011, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "PROVIDING IMAGE SEARCH TEMPLATES" (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:
WHEREAS, Google inc., incorporated or otherwise formed in <u>Delaware</u> and having a place of business at <u>1600</u> <u>Amphilheatre 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.
I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 61/692,771, filed August 24, 2012, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/692,771 pursuant to any law or treaty in the countries of the world.
And I do hereby authorize my attorneys to insert on this deed the filling date and application number of said application when known.
9 OCT 2012 SAM
(Date) (Signature)
1

Docket	Number	(Optional)

GOOGLE 3.0-498

	GOOGLE 3.0-496	
WHEREAS, I, <u>Sebastian Pueblas</u> of <u>30-36 34th St. Apt 5E; Astoria, New York 11103</u> , have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "PROVIDING IMAGE SEARCH TEMPLATES" (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:  Troy Chinen, Teresa Ko, Corinna Cortes, Nemania Petrovic, Ameesh Makadia, Sebastian Pueblas, and Hartwig Adam (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 13/659,148], filed on 10-24-12 the application number and filing date of the application when known), and		
WHEREAS, <u>Google Inc.</u> , incorporated or otherwise formed in <u>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 repasse 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, as assignor, hereby assign to said assignee all of my right, title and inter		
61/692,771, filed August 24, 2012, and in the invention disclosed theret claim priority or benefit of said Application No. 61/692,771 pursuant to an	o in all countries of the world including the right to	
And I do hereby authorize my altorneys to insert on this deed the filing when known.  9 oct 2012	g date and application number of said application	
(Date)	(Signatur <del>a)</del>	
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Docket Number (Optional)

	GOOGLE 3.0-498	
WHEREAS, I, <u>Hartwig Adam</u> of <u>13082 Mindanao Way #27; Marina Del Rey, California 90292</u> , have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "PROVIDING IMAGE SEARCH TEMPLATES" (hereafter "Patent Application"),		
WHEREAS (if the left box is checked), the Patent Appli Trademark Office on, Application Number	ication was filed with the U.S. Patent and	
WHEREAS (if the left box is checked), the Patent Application names the following inventors:  Troy Chinen, Teresa Ko, Corinna Cortes, Nemanja Petrovic, Ameesh Makadia, Sebastian Pueblas, and Hartwig Adam (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 13/659,148, filed on 10-24-12] the application number and filing date of the application when known), 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 h	med in <u>Delaware</u> and having a place of business at <u>1600</u> (fter, the "assignee") is desirous of acquiring, or has nerein, 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, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 61/692,771, filed August 24, 2012, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/692,771 pursuant to any law or treaty in the countries of the world.		
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.		
10/22/2012 (Date)	& Adelle	
(Date)	(Signature)	
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PATENT REEL: 036195 FRAME: 0616

**RECORDED: 07/28/2015**