

Form PTO-1595 (Rev. 03-11)
OMB No. 0651-0027 (exp. 03/31/2012)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Yan Yu (05/24/2010), Sam Liang (05/14/2010),
Michael Chu (05/13/2010), Yuhua Luo
(05/14/2010), and Zhengrong Ji (05/13/2010)Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Google Inc.

Internal Address: _____

Street Address: _____

1600 Amphitheatre Parkway

City: Mountain ViewState: CaliforniaCountry: United States of America Zip: 94043Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name☒ Assignment ☐ Merger ☐ Change of Name☐ Security Agreement ☐ Joint Research Agreement☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

13/430,099

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Noelle L. Cacciabeve
LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK, LLPInternal Address: Atty. Dkt.: GOOGLE 3.0-076 I CONStreet Address: 600 South Avenue WestCity: WestfieldState: NJ Zip: 07090Phone Number: 908-654-5000Fax Number: 908-654-7866Email Address: ataylor@ldikm.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00☒ Authorized to be charged to deposit account☐ Enclosed☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number 12-1095Authorized User Name Noelle L. Cacciabeve

9. Signature:



Signature

March 27, 2012

Date

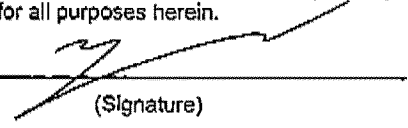
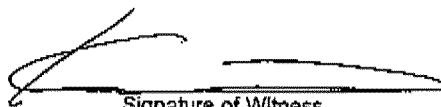
Noelle L. Cacciabeve - 63,075

Name of Person Signing

Total number of pages including cover
sheet, attachments, and documents:

6

CH \$40.00 121095 13430099

ASSIGNMENT OF PATENT APPLICATIONS	Docket Number (Optional) GOOGLE 3.8-078; GOOGLE 3.8-098; GOOGLE 3.0-076; GOOGLE 3.0-078; and GOOGLE 3.0-098
<p>WHEREAS, I, <u>Yan Yu of 979 Pinto Palm Terra, Apt. 26; Sunnyvale, California 94086</u>, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent applications entitled "USER LOCATION REPUTATION SYSTEM", "LOCATION DATA QUARANTINE SYSTEM"; and "SYSTEM AND METHOD OF USING SPATIAL AND TEMPORAL SIGNALS TO IDENTIFY AND PREVENT ATTACKS", "(hereafter "Patent Applications"),</p> <p><input checked="" type="checkbox"/> WHEREAS (If the left box is checked), the Patent Applications was filed with the U.S. Patent and Trademark Office on <u>May 7, 2010</u>, Application Numbers <u>12/775.856</u>, <u>12/775.869</u>, and <u>12/775.848</u>, respectively, and</p> <p><input type="checkbox"/> WHEREAS (if the left box is checked), the Patent Application names the following inventors: (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</p> <p>WHEREAS, <u>Google Inc.</u>, incorporated or otherwise formed in <u>Delaware</u> and having a place of business at <u>1600 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;</p> <p>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 Applications, 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 Applications 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.</p> <p>I further agree to assign, and hereby do assign, to assignee my entire right, title and interest in and to Provisional Application Nos. <u>61/232,061</u> and <u>61/313,339</u>, filed <u>August 7, 2009</u> and <u>March 12, 2010</u>, respectively, such provisional applications being considered Assigned Applications for all purposes herein.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;"> <u>05/24/2010</u> (Date) </div> <div style="text-align: center;">  (Signature) </div> </div> <div style="margin-top: 30px;">  Signature of Witness <u>Keito Uchiyama</u> Printed Name of Witness </div>	

ASSIGNMENT OF PATENT APPLICATIONS

Docket Number (Optional)

GOOGLE 3.8-076; GOOGLE 3.8-098; GOOGLE 3.0-0761;
GOOGLE 3.0-07611; and GOOGLE 3.0-096

WHEREAS, I, Sam Liang of 840 Mesa Avenue, Palo Alto, California 94306, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent applications entitled "USER LOCATION REPUTATION SYSTEM", "LOCATION DATA QUARANTINE SYSTEM"; and "SYSTEM AND METHOD OF USING SPATIAL AND TEMPORAL SIGNALS TO IDENTIFY AND PREVENT ATTACKS", "(hereafter "Patent Applications"),

☒ WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on May 7, 2010, Application Numbers 12/775,856, 12/775,869, and 12/775,848, and

☐ WHEREAS (if the left box is checked), the Patent Application names the following inventors: (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, Google Inc., incorporated or otherwise formed in Delaware 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 Applications, 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 Applications 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 Nos. 61/232,061 and 61/313,339, filed August 7, 2009 and March 12, 2010, respectively, such provisional applications being considered Assigned Applications for all purposes herein..

5/14/2010
(Date)

[Signature]
(Signature)

[Signature]
Signature of Witness
John WANG
Printed Name of Witness

ASSIGNMENT OF PATENT APPLICATIONS	Docket Number (Optional) GOOGLE 3.8-078; GOOGLE 3.8-098; GOOGLE 3.0-0761; GOOGLE 3.0-0781; and GOOGLE 3.0-098
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WHEREAS, I, Michael Chu of 13050 Cumbra Vista Court, Los Altos, California 94022, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent applications entitled "USER LOCATION REPUTATION SYSTEM", "LOCATION DATA QUARANTINE SYSTEM"; and "SYSTEM AND METHOD OF USING SPATIAL AND TEMPORAL SIGNALS TO IDENTIFY AND PREVENT ATTACKS", "(hereafter "Patent Applications"),

☒ WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on May 7, 2010, Application Numbers 12/775,856, 12/775,869, and 12/775,848, and

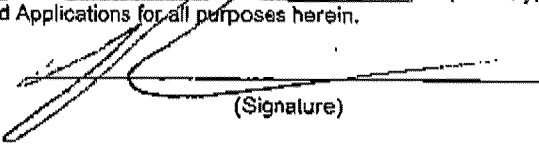
☐ WHEREAS (if the left box is checked), the Patent Application names the following inventors: (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. _____, filed on _____] the application number and filing date of the application when known), and

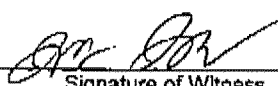
WHEREAS, Google Inc., incorporated or otherwise formed in Delaware and having a place of business at 1600 Amphitheatre Parkway, Mountain View, California 94043 (hereafter, the "assignee") is desirous of acquiring, or has acquired and is desirous of memorializing its acquisition further herein, the entire 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 Applications, 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 Applications 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 Nos. 61/232,061 and 61/313,339, filed August 7, 2009 and March 12, 2010, respectively, such provisional applications being considered Assigned Applications for all purposes herein.

5/13/2010
 (Date)


 (Signature)


 Signature of Witness

JOSEPH SACHS
 Printed Name of Witness

ASSIGNMENT OF PATENT APPLICATIONS

Docket Number (Optional)

GOOGLE 3.8-076; GOOGLE 3.8-098; GOOGLE 3.0-078;
GOOGLE 3.0-076II; and GOOGLE 3.0-098

WHEREAS, I, Yuhua Luo of 6912 Glenview Drive, San Jose, California 95120, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent applications entitled "USER LOCATION REPUTATION SYSTEM", "LOCATION DATA QUARANTINE SYSTEM"; and "SYSTEM AND METHOD OF USING SPATIAL AND TEMPORAL SIGNALS TO IDENTIFY AND PREVENT ATTACKS", "(hereafter "Patent Applications"),

☒ WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on May 7, 2010, Application Numbers 12/775,856, 12/775,869, and 12/775,848, and

☐ WHEREAS (if the left box is checked), the Patent Application names the following inventors: (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, Google Inc., incorporated or otherwise formed in Delaware 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 Applications, 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 Applications 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.

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5/14/2010

(Date)

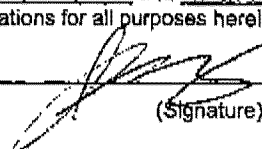
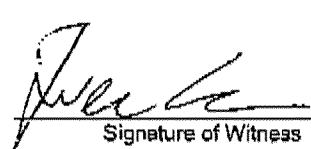
Yuhua Luo

(Signature)

[Signature]
Signature of Witness

ZHENG RONG JI

Printed Name of Witness

ASSIGNMENT OF PATENT APPLICATIONS	Docket Number (Optional) GOOGLE 3.8-076; GOOGLE 3.8-098; GOOGLE 3.0-076i; GOOGLE 3.0-076ii; and GOOGLE 3.0-098
<p>WHEREAS, I, <u>Zhengrong Ji of 1035 Aster Avenue, #2190, Sunnyvale, California, 94086</u>, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent applications entitled "USER LOCATION REPUTATION SYSTEM", "LOCATION DATA QUARANTINE SYSTEM"; and "SYSTEM AND METHOD OF USING SPATIAL AND TEMPORAL SIGNALS TO IDENTIFY AND PREVENT ATTACKS", "(hereafter "Patent Applications"),</p> <p><input checked="" type="checkbox"/> WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on <u>May 7, 2010</u>, Application Numbers <u>12/775,856</u>, <u>12/775,869</u>, and <u>12/775,848</u>, and</p> <p><input type="checkbox"/> WHEREAS (if the left box is checked), the Patent Application names the following inventors: (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentik, LLP, to insert in here in brackets (Application No. _____, filed on _____) the application number and filing date of the application when known), and</p> <p>WHEREAS, <u>Google Inc.</u>, incorporated or otherwise formed in <u>Delaware</u> and having a place of business at <u>1600 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;</p> <p>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 Applications, 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 Applications 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.</p> <p>I further agree to assign, and hereby do assign, to assignee my entire right, title and interest in and to Provisional Application Nos. <u>61/232,061</u> and <u>61/313,339</u>, filed <u>August 7, 2009</u> and <u>March 12, 2010</u>, respectively, such provisional applications being considered Assigned Applications for all purposes herein.</p> <div style="display: flex; justify-content: space-between; margin-top: 20px;"> <div style="text-align: center;"> <u>05/13/2010</u> (Date) </div> <div style="text-align: center;">  (Signature) </div> </div> <div style="margin-top: 20px;"> <div style="text-align: center;">  Signature of Witness </div> <div style="text-align: center; margin-top: 10px;"> <u>Tsawei Chen</u> Printed Name of Witness </div> </div>	