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| ϔυπη Ρ΄ΓΟ-1595 (Rev. 03-11) ΟΜΒ Νο. 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(les): | 2. Name and address of receiving party(lea) |
| | | | 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(lee) attached? | Name: Google Inc. |
| | Street Address: | | | |
| 3. Nature of conveyance/Execution Date(s): Execution Date(s): in parentheses after inventor name X Assignment Merger Change of Name | 1500 Amphitheatre Parkway | | | |
| Security Agreement Joint Research Agreement | Cily: Mountain View | | | |
| Government Interest Assignment | State: California | | | |
| Executive Order 9424, Confirmatory License Other | Country: United States of America Zip: 94043 Additional name(s) & address(es) Yes X No attached? | | | |
| A. Palent Application No.(5) 13/430,099 Additional numbers attached? | B. Pateni No.(s) | | | |
| 5. Name and address to whom correspondence concerning document should be mailed: | 6. Total number of applications and 1 | | | |
| Name: Noelle L. Cacciabeve LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP | 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 | | | |
| Internal Address: Atty. Dkt.: GOOGLE 3.0-076 I CON Street Address: 600 South Avenue West | X Authorized to be charged to deposit account Enclosed Image: Second | | | |
| City: Westfield | 8. Payment information | | | |
| State: NJ Zip: 07090 | | | | |
| Phone Number: 908-654-5000 | | | | |
| Fax Number: 908-654-7866 | Deposit Account Number 12-1095 | | | |
| Email Address: ataylor@idlkm.com | Authorized User Name Noelle L. Cacciabeve | | | |
| 9. Signature: March 27, 2012 Signature Date | | | | |
| Noelle L. Cacciabeve - 63,075 Name of Person Signing | Total number of pages including cover sheet, attachments, and documents: 6 | | | |

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| ASSIGNMENT OF PATENT APPLICATIONS | Docket Number (Optional) | |
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| | GODGLE 3.8-076; GOOGLE 3.8-098; GOOGLE 3.0-0761; GOOGLE 3.0-07611; and GOOGLE 3.0-098 | |
| WHEREAS, I, <u>Yan Yu</u> of <u>979 Pipto Paim Terra</u> , Apt. 26; <u>Sunnvvale</u> , <u>California</u> <u>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"), | | |
| X WHEREAS (If the left box is checked), the Patent Application Trademark Office on <u>May 7, 2010</u> , Application Numbers <u>12/775,856</u> , | | |
| WHEREAS (if the left box is checked), the Patent Applicatio (and whereas I hereby authorize Lemer, David, Littenberg, Krumholz [Application No, filed on] ti application when known), and | | |
| WHEREAS, <u>Google Inc.</u> , incorporated or otherwise formed in <u>1600 Amphitheatre Parkway: Mountain View. California_94043</u> (herea or has acquired and is desirous of memorializing its acquisition furthe same; | after, the "assignee") is desirous of acquiring, | |
| NOW, THEREFORE, for good and valuable consideration th agree as follows. I agree to assign, and hereby do assign, to the assi the Assigned Applications in the United States of America and all other means the Patent Applications, Including any and all inventions, disc therein, any divisional, continuation, continuation-in-part, substitute, re claiming priority or benefit to the Patent Applications pursuant to any liforegoing. I agree to assign, and hereby do assign, to assignee the ri- previously conveyed, nor am I aware of an obligation to convey, my ri- party. I hereby authorize the U.S. Patent and Trademark Office, and issue to assignee all patents resulting from the Assigned Applications At assignee's reasonable request I agree, without further remuneratio at assignee's expense and to provide other cooperation, such as testi evidance or protect assignee's rights in the Assigned Applications. As rights set forth herein in its sole discretion. I agree that the assignee as any other indicia of its acceptance of the provisions hereof. If any p requirements of the provision shall remain to the full extent permissiol shall be deemed replaced, to the extent possible, with a provision mo offending provision. | ignee my entire right, title and interest in and to ar countries, where "Assigned Applications" overies and other subject matter described eissue, re-examination or other application aw or treaty, and any patent issuing from the ght to claim such priority or benefit. I have not ghts in the Assigned Applications to a third any other governmental agency in the world, to and to record assignee's ownership thereof. n, to execute and deliver documents prepared mony, as may be reasonably required to signee may assign or transfer all or part of its nay affix its signature to this document as well provision herein is unenforceable, the e by law and the offending portions thereof | |
| I further agree to assign, and hereby do assign, to assignee Provisional Application Nos. <u>61/232,061</u> and <u>61/313,339</u> , filed <u>August</u> such provisional applications being considered Assigned Applications | 7, 2009 and March 12, 2010, respectively, | |
| 05/24/20/0 | 2 | |
| (Date) | (Signature) | |
| Signature of Witness Keito Uchiyana Printed Nante of Witness | | |
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| 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 3.0-098 |
| WHEREAS, 1, <u>Sam Liang</u> of <u>840 Mesa Avenue</u> : <u>Palo Alto.</u> (inventions or discoveries, the subject matter of which is described in LOCATION REPUTATION SYSTEM", "LOCATION DATA QUARAN OF USING SPATIAL AND TEMPORAL SIGNALS TO IDENTIFY AN Applications"), | the patent applications entitled "USER TINE SYSTEM"; and "SYSTEM AND METHOD |
| X WHEREAS (if the left box is checked), the Patent Application Trademark Office on May 7, 2010, Application Numbers <u>12/775,856</u> , | |
| WHEREAS (If the left box is checked), the Patent Application (and whereas I hereby authorize Lemer, David, Littenberg, Krumholz [Application No, filed on] application when known), and | & Mentlik, LLP, to insert in here in brackets |
| WHEREAS, <u>Google Inc.</u> , incorporated or otherwise formed <u>1600 Amphitheatre Parkway; Mountain View, California 94043</u> (here or has acquired and is desirous of memorializing its acquisition furth same; | eafter, the "assignee") is desirous of acquiring, |
| NOW, THEREFORE, for good and valuable consideration to agree as follows. I agree to assign, and hereby do assign, to the as- the Assigned Applications in the United States of America and all off means the Patent Applications, including any and all inventions, disc therein, any divisional, continuation, continuation-in-part, substitute, claiming priority or benefit to the Patent Applications pursuant to any foregoing. I agree to assign, and hereby do assign, to assignee the previously conveyed, nor am I aware of an obligation to convey, my party. I hereby authorize the U.S. Patent and Trademark Office, and issue to assignee all patents resulting from the Assigned Application At assignee's reasonable request I agrae, without further remunerati at assignee's expense and to provide other cooperation, such as test evidence or protect assignee's rights in the Assigned Applications. A rights set forth herein in its sole discretion. I agree that the assignee as any other indicia of its acceptance of the provisions hereof. If any requirements of the provision shall remain to the full extent permissil shall be deemed replaced, to the extent possible, with a provision m offending provision. | signee my entire right, title and interest in and to her countries, where "Assigned Applications" coveries and other subject matter described reissue, re-examination or other application y law or treaty, and any patent issuing from the right to claim such priority or benefit. I have not rights in the Assigned Applications to a third d any other governmental agency in the world, to as and to record assignee's ownership thereof, ion, to execute and deliver documents prepared atimony, as may be reasonably required to Assignee may assign or transfer all or part of its may affix its signature to this document as well y provision herein is unenforceable, the ble by law and the offending portions thereof |
| I further agree to assign, and hereby do assign, to assigned Provisional Application Nos. <u>61/232,061</u> and <u>61/313,339</u> , filed <u>Augus</u> such provisional applications being considered Assigned Application | st 7, 2009 and March 12, 2010, respectively, |
| (Data) | (Signature) |
| Signature of Witness John WANG Printed Name of Witness | |

ASSIGNMENT OF PATENT APPLICATIONS

Docket Number (Optional)

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

WHEREAS, I, <u>Michael Chu</u> of <u>13050 Cumbra Vista Court; Los Altos, California <u>94022</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"),</u>

X 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

WHEREAS (if the left box is checked), the Patent Application names the following inventors: (and whereas I hereby authorize Lemer, 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 Amphitheatre Parkway; Mountain View, 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 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. <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.

(Signalure)

Signature of Witness

JOSH SACKS

Printed Name of Witness

PATENT REEL: 027960 FRAME: 0475

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 3.0-098

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"),

X 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] the application number and filing date of the (Application No. , filed on 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, relssue, 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. <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.

14/2010 (Date) Signature of Witness

(Signature)

ZHENGRONG

Printed Name of Witness

PATENT REEL: 027960 FRAME: 0476

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| 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 |
| WHEREAS, I, <u>Zhengrong Ji</u> of <u>1035 Aster Avenue, #2190;</u> discovered inventions or discoveries, the subject matter of which is d "USER LOCATION REPUTATION SYSTEM", "LOCATION DATA QU METHOD OF USING SPATIAL AND TEMPORAL SIGNALS TO IDE "Patent Applications"), | escribed in the patent applications entitled JARANTINE SYSTEM"; and "SYSTEM AND |
| X WHEREAS (if the left box is checked), the Patent Application Trademark Office on May 7, 2010, Application Numbers 12/775,856, | |
| WHEREAS (if the left box is checked), the Patent Application (and whereas I hereby authorize Lemer, David, Littenberg, Krumholz (Application No, filed on) the application when known), and | |
| WHEREAS, <u>Google Inc.</u> , incorporated or otherwise formed in <u>1600 Amphitheatre Parkway: Mountsin View, California 94043</u> (here or has acquired and is desirous of memorializing its acquisition furthe same; | after, the "assignee") is desirous of acquiring, |
| NOW, THEREFORE, for good and valuable consideration to agree as follows. I agree to assign, and hereby do assign, to the ass the Assigned Applications in the United States of America and all oth means the Patent Applications, including any and all inventions, disc therein, any divisional, continuation, continuation-in-part, substitute, r claiming priority or benefit to the Patent Applications pursuant to any foregoing. I agree to assign, and hereby do assign, to assignee the r previously conveyed, nor am I aware of an obligation to convey, my r party. I hereby authorize the U.S. Patent and Trademark Office, and issue to assignee all patents resulting from the Assigned Applications At assignee's reasonable request I agree, without further remuneration at assignee's expense and to provide other cooperation, such as test evidence or protect assignee's rights in the Assigned Applications. A rights set forth herein in its sole discretion. I agree that the assignee as any other indicia of its acceptance of the provisions hereof. If any requirements of the provision shall remain to the full extent permission shall be deemed replaced, to the extent possible, with a provision mo- offending provision. | signee my entire right, title and interest in and to be countries, where "Assigned Applications" overies and other subject matter described reissue, re-examination or other application law or breaty, and any patent issuing from the right to claim such priority or benefit. I have not tights in the Assigned Applications to a third any other governmental agency in the world, to is and to record assignee's ownership thereof. on, to execute and deliver documents prepared timony, as may be reasonably required to ssignee may assign or transfer all or part of its may affix its signature to this document as well provision herein is unenforceable, the ble by law and the offending portions thereof |
| I further agree to assign, and hereby do assign, to assignee Provisional Application Nos. <u>61/232,061</u> and <u>61/313,339</u> , filed <u>Augus</u> such provisional applications being considered Assigned Applications | t 7, 2009 and March 12, 2010, respectively, |
| 05/13/2010 | - Marcine - |
| (Date) | (Stgnature) |
| Signature of Witness TSuwei Chen Printed Name of Witness | |
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PATENT REEL: 027960 FRAME: 0477

RECORDED: 03/27/2012