

Attorney Docket No. «DocketNo»

FORM PTO-1595

1-31-92

03-02-2007



103377264

SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Assistant Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Jun Chen, Joon Suan Ong, Jason Marc Simmons, Arjun Singh, Michael John Wakerly

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: 17 January 2007, 5 February 2007, 17 January 2007, 17 January 2007, 29 January 2007

2. Name and address of receiving party(ies):

Name: Google Inc.  
Street Address: 1600 Amphitheatre Parkway  
City: State: Zip: Mountain View, CA 94043

Additional name(s) & address(es) attached?

☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 05 February 2007

A. Patent Application No.(s):

B. Patent No.(s):

11/703461

Additional numbers attached? ☐ Yes ☒ No

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

Name: Shun Yao  
Park, Vaughan & Fleming LLP  
2820 Fifth Street  
Davis, CA 95618-7759  
Attorney Docket No.: GGL-0912-00-US

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) ..... \$40.00  
☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number:

DO NOT USE THIS SPACE

9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Shun Yao  
Name of Person Signing

Signature

06 February 2007

02/09/2007 EMAIL1 00000042 11703461

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(40.00 00)

Total number of pages including cover sheet, attachments and document: [11]

**CORPORATE ASSIGNMENT**

WHEREAS, the undersigned,

Jun Chen  
 Joon Suan Ong  
 Jason Marc Simmons  
 Arjun Singh  
 Michael John Wakerly

880 E. Fremont Avenue, #632, Sunnyvale, CA 94087  
 100 N. Whisman Road Apt. 321, Mountain View, CA 94043  
 333 Escuela Ave. #209, Mountain View, CA 94040  
 1087 Tanland Dr. Apt. 102, Palo Alto, CA 94303  
 373 Foxborough Drive, Mountain View, CA 94041

hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

**METHOD AND SYSTEM FOR DISCOVERING NETWORK PATHS**

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

X On the 17<sup>th</sup> day of JAN, 2007;

Or

\_\_\_\_\_ Said application having Application Number \_\_\_\_\_ and filed on \_\_\_\_\_; and

WHEREAS, Google Inc., a corporation of the State of Delaware, having a place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventor(s) (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration, which is hereby acknowledged by said Inventor(s) to have been received in full from said Assignee:

1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventor(s) hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting

applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor(s), their respective heirs, legal representatives and assigns.

4. Said Inventor(s) hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below.



Jun Chen

1/17/07

Date

Joon Suan Ong

Date

Jason Marc Simmons

Date

Arjun Singh

Date

Michael John Wakerly

Date

**CORPORATE ASSIGNMENT**

WHEREAS, the undersigned,

Jun Chen	880 E. Fremont Avenue, #632, Sunnyvale, CA 94087
Joon Suan Ong	100 N. Whisman Road Apt. 321, Mountain View, CA 94043
Jason Marc Simmons	333 Escuela Ave. #209, Mountain View, CA 94040
Arjun Singh	1087 Tanland Dr. Apt. 102, Palo Alto, CA 94303
Michael John Wakerly	373 Foxborough Drive, Mountain View, CA 94041

hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

***METHOD AND SYSTEM FOR DISCOVERING NETWORK PATHS***

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

  X   On the   5th   day of  February , 20 07 ;

Or

       Said application having Application Number        and filed on  06 February 2007 ; and

WHEREAS, Google Inc. a corporation of the State of Delaware, having a place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventor(s) (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

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1. Said Inventor(s) do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventor(s) hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventor(s) shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting

Attorney Docket No. GGL-0912-00-US

applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

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IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below.

---

Jun Chen

Date



2/5/07

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Joon Suan Ong

Date

---

Jason Marc Simmons

Date

---

Arjun Singh

Date

---

Michael John Wakerly

Date

## CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Jun Chen	880 E. Fremont Avenue, #632, Sunnyvale, CA 94087
Joon Suan Ong	100 N. Whisman Road Apt. 321, Mountain View, CA 94043
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hereinafter termed "Inventor(s)", have invented certain new and useful improvements in

### *METHOD AND SYSTEM FOR DISCOVERING NETWORK PATHS*

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X On the 17th day of January, 2007;

Or

       Said application having Application Number        and filed on 06 February 2007; and

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Attorney Docket No. GGL-0912-00-US

applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

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IN WITNESS WHEREOF, said Inventor(s) have executed and delivered this instrument to said Assignee as of the dates written below.

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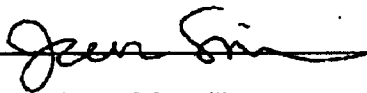
Jun Chen

Date

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Joon Suan Ong

Date



Jason Marc Simmons

Date

1/17/2007

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Arjun Singh

Date

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Michael John Wakerly

Date

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WHEREAS, the undersigned,

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Or

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applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

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Jun Chen

Date

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Joon Suan Ong

Date

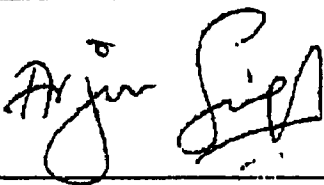
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Jason Marc Simmons

Date

---

Arjun Singh



Date

17 Jan 2007

---

Michael John Wakerly

Date

## CORPORATE ASSIGNMENT

WHEREAS, the undersigned,

Jun Chen	880 E. Fremont Avenue, #632, Sunnyvale, CA 94087
Joon Suan Ong	100 N. Whisman Road Apt. 321, Mountain View, CA 94043
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### *METHOD AND SYSTEM FOR DISCOVERING NETWORK PATHS*

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X On the 29th day of January, 2007;

Or

       Said application having Application Number        and filed on 06 February 2007; and

WHEREAS, Google Inc. a corporation of the State of Delaware, having a place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventor(s) (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

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applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventor(s) in providing such cooperation shall be paid for by said Assignee.

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Jun Chen

Date

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Joon Suan Ong

Date

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Jason Marc Simmons

Date

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Arjun Singh

Date



---

Michael John Wakerly

Date

Jan 29, 2007