

Form PTO-1595 (Rev. 09/04)  
OMB No. 0651-0027 (exp. 6/30/2005)

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)/Execution Date(s):  
PETER HANSON (06/19/2009) AND GLEN  
ANDERSON (06/19/2009)

Execution Date(s): in parentheses after inventor name

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

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

2. Name and address of receiving party(ies)

Name: GOOGLE INC.

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

1600 AMPHITHEATRE PARKWAY

City: MOUNTAIN VIEW

State: CALIFORNIA

Country: United States of America Zip: 94043

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)  
12/487,383

☐ 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: Jeffrey S. Dickey  
LERNER, DAVID, LITTENBERG,  
KRUMHOLZ & MENTLIK, LLP

Internal Address: Atty. Dkt.: Google 3.0-061

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

Phone Number: (908) 518-6399

Fax Number: (908) 654-0415

Email Address: jdickey@ldlkm.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 by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 12-1095  
Authorized User Name Jeffrey S. Dickey

9. Signature:

  
Signature

August 11, 2009

Date

Jeffrey S. Dickey - 35.858  
Name of Person Signing

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

3

CH \$40.00 121095 12487383

## ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

GOOGLE 3.0-061

WHEREAS, I, Peter Hanson of 47588 Wabana Cmn., Fremont, California 94538 have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled METHOD, APPARATUS AND NETWORKING EQUIPMENT FOR PERFORMING FLOW HASHING USING QUASI CRYPTOGRAPHIC HASH FUNCTIONS (hereafter, the "Patent Application").

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 the Patent Application; and

☒ WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on June 18, 2009. Application Number 12/437,383 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

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 to or benefit of 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 or obligations set forth herein in its sole discretion. I agree that assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision hereunder 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.

Peter Hanson  
(Signature of Peter Hanson)

6/19/2009  
(Date)

State of California  
County of San Diego

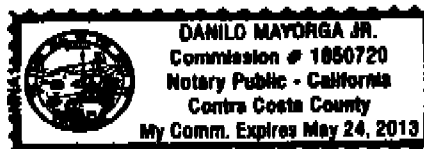
On 6/19/2009 before me, Daniilo Mayorga Jr. personally appeared Peter Hanson, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature \_\_\_\_\_

(NOTARY SEAL)



## ASSIGNMENT OF UTILITY APPLICATION

Docket Number (Optional)

GOOGLE 3.0-061

WHEREAS, I, Glen Anderson of 1667 Plymouth Ave., Mountain View, California 94043, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled METHOD, APPARATUS AND NETWORKING EQUIPMENT FOR PERFORMING FLOW HASHING USING QUASI CRYPTOGRAPHIC HASH FUNCTIONS (hereafter, the "Patent Application"),

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 the Patent Application; and

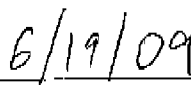
☒ WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on June 16, 2009, Application Number 12/487,353 and;

☐ 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

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 to or benefit of 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 or obligations set forth herein in its sole discretion. I agree that assignee may affix its signature to this document as well as any other indicia of its acceptance of the provisions hereof. If any provision hereunder 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.



(Signature of Glen Anderson)



(Date)

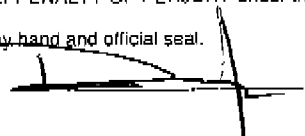
State of California )  
County of San Diego

On 6/19/2009, before me, Daniilo Mayorga Jr, personally appeared Glen Anderson, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(NOTARY SEAL)





600 SOUTH AVENUE WEST • WESTFIELD, NEW JERSEY 07090  
908.654.5000 • FAX 908.654.7866 • WWW.LDLKM.COM

PATENTS, TRADEMARKS, COPYRIGHTS & UNFAIR COMPETITION

## Facsimile Transmittal

To:	Fax Number	From
USPTO Assignment Division	571-273-0140	Phyllis Kelly 908-518-6456

Date: August 11, 2009

No. Pages: 4

File Name.: Google 3.0-061

Client/Matter No: GOOGLE/74

Attorney/Secretary: JSD/las

### MESSAGE:

Please record the attached assignment and fax the Notice of Recordation to Phyllis Kelly at 908-654-7866.

NOTICE: The information contained herein is intended only for the addressee identified above. It may be or may include material that is confidential, attorney-client privileged, attorney work product, copyrighted, and/or inside information. If you are not the intended recipient, or a person responsible for delivering this message to the intended recipient, you are hereby notified that the unauthorized use, disclosure, distribution or copying is strictly prohibited and may be in violation of court order or otherwise unlawful. If you have received this transmission in error, please immediately notify us at 908 654 5000 (collect, if necessary) and return this document to us by mail.

453504\_1.DOC

RECORDED: 08/11/2009

PATENT  
REEL: 023081 FRAME: 0542