


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.	
<b>1. Name of conveying party(ies)/Execution Date(s):</b> AMGAD ZEITOUN (05/09/2008) AND MUHAMMAD MUKARRAM BIN TARIQ (05/09/2008)  Execution Date(s): In parentheses after inventor name Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>2. Name and address of receiving party(ies)</b>  Name: <u>GOOGLE INC.</u> Internal Address: _____ Street Address: _____  1600 AMPHITHEATRE PARKWAY  City: <u>MOUNTAIN VIEW</u> State: <u>CALIFORNIA</u> Country: <u>United States of America</u> Zip: <u>94043</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>3. Nature of Conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	<b>4. Application or patent number(s):</b> <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) 12/977,967 B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<b>5. Name and address to whom correspondence concerning document should be mailed:</b> Name: <u>Andrew T. Zidel</u> <u>LERNER, DAVID, LITTENBERG,</u> <u>KRUMHOLZ &amp; MENTLIK, LLP</u>  Internal Address: Atty. Dkt.: <u>GOOGLE 3.0-003 CON</u>  Street Address: <u>600 South Avenue West</u>  City: <u>Westfield</u> State: <u>NJ</u> Zip: <u>07090</u> Phone Number: <u>(908) 518-6385</u> Fax Number: <u>(908) 654-0415</u> Email Address: <u>azidel@ldlkm.com</u>	<b>6. Total number of applications and patents involved:</b> <u>1</u>  <b>7. Total fee (37 CFR 1.21(h) &amp; 3.41)</b> \$ <u>40.00</u>  <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
<b>8. Payment Information</b> a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number <u>12-1095</u> Authorized User Name <u>Andrew T. Zidel</u>	
<b>9. Signature:</b>  Signature _____ Date <u>January 5, 2011</u> <u>Andrew T. Zidel - 45,256</u> Name of Person Signing Total number of pages including cover sheet, attachments, and documents: <u>3</u>	

former PTO/5916 (5-00) Modified LDLMK

<b>ASSIGNMENT OF UTILITY APPLICATION</b>	Docket Number (Optional) GOOGLE 3.0-003
<p>Whereas, I, <u>Amgad Zeitoun</u> of  <u>1168 Morse Avenue; #205; Sunnyvale, California 94089</u>  hereafter referred to as assignor, have with others invented certain new and useful improvements in  <b>METHODS AND APPARATUS FOR PREDICTING IMPACT OF PROPOSED CHANGES AND IMPLEMENTATIONS IN DISTRIBUTED NETWORKS</b></p> <p><input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>May 16, 2008</u>  Application Number <u>12/152,861</u></p> <p><input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____  and _____</p> <p>Whereas, <u>Google Inc.</u>  a corporation of the state of <u>Delaware</u> having a place of business at  <u>1600 Amphitheatre Parkway, Mountain View, California 94043</u>  is desirous of acquiring the entire right, title and interest in the same;</p> <p>NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.</p> <p>And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.</p> <p><u>5/9/2008</u> (Date) <u>[Signature]</u> (Signature)</p> <p>State of California ) SS:  County of <u>Santa Clara</u> )</p> <p>On <u>May 9, 2008</u> before me, <u>Pamela Shore, Notary Public</u> personally appeared <u>Amgad Zeitoun</u>, 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/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.</p> <p>I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.</p> <p>WITNESS my hand and official seal  <u>[Signature]</u>  (Notary Public)</p> <div data-bbox="844 1659 1242 1795"> </div> <p><input checked="" type="checkbox"/> Total of 2 forms are submitted.</p>	

former PTO/SE/15 (8-00) Modified LDLKM	
<b>ASSIGNMENT OF UTILITY APPLICATION</b>	Docket Number (Optional) <b>GOOGLE 3.0-003</b>

Whereas, I, Muhammad Mukarram Bin Tariq of  
1002 State Street, NW Apartment 4; Atlanta, Georgia 30318  
 hereafter referred to as assignor, have with others invented certain new and useful improvements in  
**METHODS AND APPARATUS FOR PREDICTING IMPACT OF PROPOSED CHANGES AND  
 IMPLEMENTATIONS IN DISTRIBUTED NETWORKS**

☒ for which an application for a United States Letters Patent was filed on May 16, 2008  
 Application Number 12/152,861  
☐ for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_  
 and \_\_\_\_\_

Whereas, Google Inc.  
 a corporation of the state of Delaware having a place of business at  
1600 Amphitheatre Parkway, Mountain View, California 94043  
 is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, for good and valuable consideration the receipt of which is hereby acknowledged, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.


May 09, 08 (Date)      Muhammad Mukarram Bin Tariq (Signature) May 09, 08

State of California ) SS:  
 County of Santa Clara )

On May 9, 2008 before me, Pamela Shore, Notary Public, personally appeared Muhammad Mukarram Bin Tariq, 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/she executed the same in his/her authorized capacity, and that by his/her 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:  
Pamela Shore  
 (Notary Public)



☒ \*Total of 2 forms are submitted.