

Form PTO-1595 (Rev. 03-11)
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U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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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):
Kenneth Ryan Loo (08/28/2012) and Leng Ooi
(08/29/2012)

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 View
State: California
Country: United States of America Zip: 94043
Additional 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): This document is being filed together with a new application.
A. Patent Application No.(s)
13/606,744
B. Patent No.(s)

Additional numbers attached? Yes No


5. Name and address to whom correspondence concerning document should be mailed:
Name: Andrew T. Zidel
LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK, LLP
Internal Address: Atty. Dkt.: GOOGLE 3.0-722
Street Address: 600 South Avenue West

City: Westfield
State: NJ Zip: 07090
Phone Number: 908-654-5000
Fax Number: 908-654-7866
Email Address: ataylor@ldlkm.com

6. Total number of applications and patents involved:

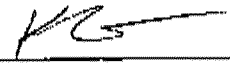

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

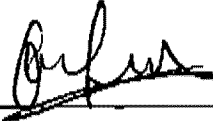

8. Payment Information
Deposit Account Number 12-1095
Authorized User Name Andrew T. Zidel

9. Signature:


Signature
September 20, 2012
Date
Andrew T. Zidel - 45,256
Name of Person Signing
Total number of pages including cover sheet, attachments, and documents:

CH \$40.00 121095 13606744

ASSIGNMENT OF PATENT APPLICATION	Docket Number (Optional) GOOGLE 3.0-722
<p>WHEREAS, I, <u>Kenneth Ryan Loo of 5570 Dent Avenue, San Jose, California 95118</u>, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SWITCH INTEGRATED I/O OPENING" (hereafter "Patent Application"),</p> <p><input type="checkbox"/> WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on _____, Application Number _____, and</p> <p><input checked="" type="checkbox"/> WHEREAS (if the left box is checked), the Patent Application names the following inventors: <u>Kenneth Ryan Loo and Leng Ooi</u> (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. <u>13/606,744</u>, filed on <u>9-7-12</u>] 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 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 or benefit to 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 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 style="text-align: center;"> <u>8/28/12</u> _____ (Date) </p> <p style="text-align: center;">  _____ (Signature) </p> <p style="text-align: center;">  _____ Signature of Witness <u>Felix Alvarez</u> _____ Printed Name of Witness </p>	

ASSIGNMENT OF PATENT APPLICATION	Docket Number (Optional) GOOGLE 3.0-722
<p>WHEREAS, I, <u>Leng Qoi of 1386 Redmond Avenue, San Jose, California 95120</u>, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SWITCH INTEGRATED I/O OPENING" (hereafter "Patent Application"),</p> <p><input type="checkbox"/> WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on _____, Application Number _____, and</p> <p><input checked="" type="checkbox"/> WHEREAS (if the left box is checked), the Patent Application names the following inventors: <u>Kenneth Ryan Loo and Leng Qoi</u> (and whereas I hereby authorize Lerner, David, Litmanberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. <u>13/606,744</u>, filed on <u>9-7-12</u>] 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 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 or benefit to 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 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 style="text-align: center;"> <u>8/29/12</u> (Date) </p> <p style="text-align: center;">  _____ (Signature) </p> <p style="text-align: center;">  Signature of Witness <u>Felix Alvarez</u> Printed Name of Witness </p>	