

Form PTO-1595 (Rev. 05-11)  
OMB No. 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(ies):**  
Jiajun Zhu (02/03/2012) and David I. Ferguson  
(02/03/2012)  
  
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: \_\_\_\_\_

**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 \_\_\_\_\_

1600 Amphitheatre Parkway  
  
City: Mountain View  
State: California  
Country: United States of America Zip: 94043  
Additional name(s) & address(es) attached?  Yes  No

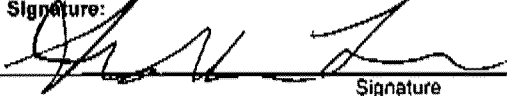
**4. Application or patent number(s):**  
A. Patent Application No.(s)  
13/366,828  
  
Additional numbers attached?  Yes  No

This document is being filed together with a new application.  
B. Patent No.(s)  
  
 Yes  No

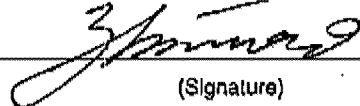
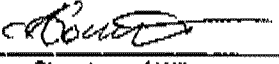
**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Andrew T. Lane  
LERNER, DAVID, LITTENBERG,  
KRUMHOLZ & MENTLIK, LLP  
Internal Address: Atty. Dkt.: GOOGLE 3.0-459  
Street Address: 600 South Avenue West  
  
City: Westfield  
State: NJ Zip: 07090  
Phone 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. Lane

**9. Signature:**  
  
Signature \_\_\_\_\_ Date February 13, 2012  
Andrew T. Lane - 63,634  
Name of Person Signing  
Total number of pages including cover sheet, attachments, and documents:

CH \$40.00 121095 13366828

ASSIGNMENT OF PATENT APPLICATION	Docket Number (Optional) GOOGLE 3.0-459
<p>WHEREAS, I, <u>Jiajun Zhu of 421 Paria Terrace, Sunnyvale, California 94089</u>, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SYSTEM AND METHOD FOR PREDICTING BEHAVIORS OF DETECTED OBJECTS THROUGH ENVIRONMENT REPRESENTATION" (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>Jiajun Zhu and David I. Ferguson</u> (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz &amp; Mentlik, LLP, to insert in here in brackets [Application No. <u>13/366,828</u>, filed on <u>2-6-12</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><u>Feb. 3. 2012</u> (Date)</p>	<p> (Signature)</p>
<p> Signature of Witness</p>	
<p><u>Dmitri Dolgov</u> Printed Name of Witness</p>	

<b>ASSIGNMENT OF PATENT APPLICATION</b>	Docket Number (Optional) <b>GOOGLE 3.0-459</b>
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WHEREAS, I, David I. Ferguson of 3550 23rd St., Apt 6, San Francisco, California 94110, have invented or discovered inventions or discoveries, the subject matter of which is described in the patent application entitled "SYSTEM AND METHOD FOR PREDICTING BEHAVIORS OF DETECTED OBJECTS THROUGH ENVIRONMENT REPRESENTATION" (hereafter "Patent Application"),

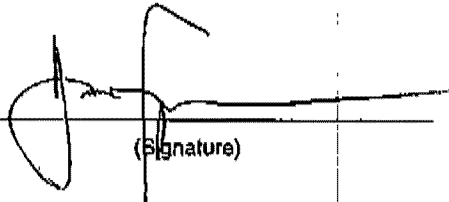
WHEREAS (if the left box is checked), the Patent Application was filed with the U.S. Patent and Trademark Office on \_\_\_\_\_, Application Number \_\_\_\_\_, and

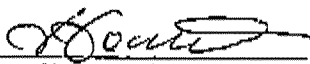
WHEREAS (if the left box is checked), the Patent Application names the following inventors: Jialun Zhu and David I. Ferguson (and whereas I hereby authorize Lerner, David, Littenberg, Krumholz & Mentlik, LLP, to insert in here in brackets [Application No. 13/366,828, filed on 2-6-12] the application number and filing date of the 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 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.

2/3/12  
\_\_\_\_\_  
(Date)

  
\_\_\_\_\_  
(Signature)

  
\_\_\_\_\_  
Signature of Witness  
Dmitri Polyov  
\_\_\_\_\_  
Printed Name of Witness