

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Thomas William KNYCH</td> <td>05/01/2012</td> </tr> <tr> <td>David ROSS</td> <td>05/01/2012</td> </tr> </tbody> </table>		Name	Execution Date	Thomas William KNYCH	05/01/2012	David ROSS	05/01/2012				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>GOOGLE INC.</td> </tr> <tr> <td>Street Address:</td> <td>1600 Amphitheatre Parkway</td> </tr> <tr> <td>City:</td> <td>Mountain View</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94043</td> </tr> </table>		Name:	GOOGLE INC.	Street Address:	1600 Amphitheatre Parkway	City:	Mountain View	State/Country:	CALIFORNIA	Postal Code:	94043
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<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13463633</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13463633						
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CORRESPONDENCE DATA											
<p>Fax Number: (703)205-8050 Phone: 703-205-8000 Email: mailroom@bskb.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: Birch Stewart Kolasch & Birch, LLP Address Line 1: P.O. Box 747 Address Line 4: Falls Church, VIRGINIA 22040</p>											
ATTORNEY DOCKET NUMBER:	6107-0273PUS1										
NAME OF SUBMITTER:	Michael R. Cammarata										
<p>Total Attachments: 3 source=2012-05-02 Signed Assignment 6107-0273PUS1 2838116#page1.tif source=2012-05-02 Signed Assignment 6107-0273PUS1 2838116#page2.tif source=2012-05-02 Signed Assignment 6107-0273PUS1 2838116#page3.tif</p>											

PATENT

ASSIGNMENT

For valuable consideration, I/we, **Thomas William KNYCH of San Francisco, California; David ROSS of San Francisco, California**, hereby assign to:

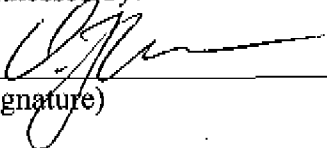
Google Inc., a corporation of **Delaware** having a place of business at:
1600 Amphitheatre Parkway,
Mountain View, California 94043;


and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by me, entitled **A TOOL TO ANALYZE DEPENDENCY INJECTION OBJECT GRAPHS FOR COMMON ERROR PATTERNS**, filed **May 3, 2012**, and assigned U.S. Serial Number **13/463,633**, and

I/we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and

I/we authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and

I/we agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Witnessed by: 
(Signature)
VALERIY ZAKHAROV
(Typed or Printed Name)
1345 Francisco St.
Berkeley, CA 94704
Witness Address
Date: 5/1/12

Name (Inventor) 
(Signature)
Thomas William KNYCH
(Typed or Printed Name)
Date: 5-1-12

Witnessed by: _____
(Signature)

(Typed or Printed Name)

Witness Address
Date: _____

Name (Inventor) _____
(Signature)
David ROSS
(Typed or Printed Name)
Date: _____

I/we agree for me and my respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Witnessed by: _____
 (Signature) _____

 (Typed or Printed Name) _____

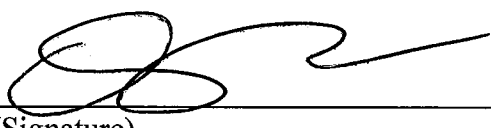
Name (Inventor) _____
 (Signature) _____
Thomas William KNYCH
 (Typed or Printed Name) _____

Date: _____

 Witness Address _____
 Date: _____

Witnessed by: _____
 (Signature) _____

 (Typed or Printed Name) _____

Name (Inventor) _____
 (Signature) 
David ROSS
 (Typed or Printed Name) _____

Date: 5/1/12

 Witness Address _____
 Date: _____