

# PATENT ASSIGNMENT

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|---|----------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT             |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                 |
| <b>CONVEYING PARTY DATA</b>   |                            |
| <b>Name</b>   | <b>Execution Date</b>      |
| Andrew Grieve   | 05/31/2010                 |
| Matthew Bolohan   | 05/31/2010                 |
| <b>RECEIVING PARTY DATA</b>   |                            |
| <b>Name:</b>  | Google Inc.                |
| <b>Street Address:</b>  | 1600 Amphitheatre Parkway  |
| <b>City:</b>  | Mountain View              |
| <b>State/Country:</b>   | CALIFORNIA                 |
| <b>Postal Code:</b>   | 94043                      |
| <b>PROPERTY NUMBERS Total: 1</b>  |                            |
| <b>Property Type</b>  | <b>Number</b>              |
| <b>Application Number:</b>  | 13250129                   |
| <b>CORRESPONDENCE DATA</b>  |                            |
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| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>   |                            |
| <b>Correspondent Name:</b>  | Shumaker & Sieffert, P.A.  |
| <b>Address Line 1:</b>  | 1625 Radio Drive           |
| <b>Address Line 2:</b>  | Suite 300                  |
| <b>Address Line 4:</b>  | Woodbury, MINNESOTA 55125  |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 1133-007US02               |
| <b>NAME OF SUBMITTER:</b>   | Lisa Johnson               |
| <b>Total Attachments: 2</b><br>source=GP-2693-00-US Assignment as filed [1133-007US01]#page1.tif<br>source=GP-2693-00-US Assignment as filed [1133-007US01]#page2.tif |                            |

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**PATENT**  
**REEL: 027222 FRAME: 0996**

ASSIGNMENT

For valuable consideration, we, Andrew Grieve of 312 Bushview Crescent, Waterloo, Ontario, Canada N2V 2A6 and Matthew Bolohan of 608-550 Westmount Road West, Kitchener, Ontario, Canada N2M 5G5, hereby assign to: Google Inc., having a place of business at: 1600 Ampitheatre 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 the subject of an application for United States Patent signed by us, entitled CROSS-DOMAIN COMMUNICATIONS WITH A SHARED WORKER APPLICATION, filed June 7, 2010, and assigned U.S. Serial Number 12/795,559. We hereby authorize Google Inc., its employees, and its legal representatives to fill in the serial number and filing date above after this document has been executed; this assignment including said application, any provisional, continuation, continuation-in-part, divisional, reissue, renewal, extension or other application for any of said inventions or improvements, 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 we authorize the Assignee to apply in all countries in our 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 we agree for ourselves and our 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.

Date: May 31, 2010

Witnessed by:

Andrew Grieve

Andrew Grieve

DJP

Signature

Derek Phillips

Typed or Printed Name

Waterloo, ON, Canada

Witness Address

Date: 31/05/2010

Witnessed by:

Matthew Bolohan

Matthew Bolohan

DJP

Signature

Derek Phillips

Typed or Printed Name

Waterloo, ON, Canada

Witness Address