

## PATENT ASSIGNMENT

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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>Benjamin Wolfe Simon</td> <td>05/21/2013</td> </tr> <tr> <td>Manuel Tragut</td> <td>05/21/2013</td> </tr> <tr> <td>Zachary Erik Lloyd</td> <td>05/20/2013</td> </tr> <tr> <td>Joshua Ari Danziger</td> <td>05/21/2013</td> </tr> <tr> <td>Daniel Gundrum</td> <td>05/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	Benjamin Wolfe Simon	05/21/2013	Manuel Tragut	05/21/2013	Zachary Erik Lloyd	05/20/2013	Joshua Ari Danziger	05/21/2013	Daniel Gundrum	05/21/2013
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<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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CORRESPONDENCE DATA													
<p>Fax Number: 6172359492  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6179517000        Email: christine.colbert@ropesgray.com</p> <p>Correspondent Name: Ropes &amp; Gray LLP        Address Line 1: Prudential Tower-800 Boylston Street        Address Line 2: IPRM Docketing-43rd Floor        Address Line 4: Boston, MASSACHUSETTS 02199</p>													
ATTORNEY DOCKET NUMBER:	108827-1153-103												
NAME OF SUBMITTER:	Christine M. Colbert												

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Signature:	/Christine M. Colbert/
Date:	07/15/2013
Total Attachments: 2 source=07_15_13_108827_1153_103_Assignment#page1.tif source=07_15_13_108827_1153_103_Assignment#page2.tif	

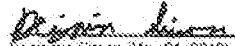
ASSIGNMENT

For valuable consideration, we, Benjamin Wolfe Simon, residing at 722 Amsterdam Avenue, Apt. #3D, New York, NY 10025, Manuel Tragut, residing at 22 River Terrace, 1A, New York, NY 10282, Zachary Erik Lloyd, residing at 390 Union Street, Brooklyn, NY, 11231, Joshua Ari Danziger, residing at 43 Barnstable Street, Metuchen, NJ 08840, and Daniel Gundrum, residing at 132 W. 15 Street, #2B, New York, NY 10011, hereby assign to:

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 us, entitled **NON-COLLABORATIVE FILTERS IN A COLLABORATIVE DOCUMENT** filed 05/22/13 and assigned U.S. Serial Number 13/900,270 and 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 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 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.

  
Benjamin Simon (May 21, 2013)

**Benjamin Wolfe Simon**

May 21, 2013


Date

  
Manuel Tragut (May 21, 2013)

**Manuel Tragut**

May 21, 2013

Date

  
Zachary Erik Lloyd (May 20, 2013)

**Zachary Erik Lloyd**

May 20, 2013

Date

  
Joshua Ari Danziger (May 21, 2013)

**Joshua Ari Danziger**

May 21, 2013

Date

  
Daniel Gundrum (May 21, 2013)

**Daniel Gundrum**

May 21, 2013

Date