

## PATENT ASSIGNMENT COVER SHEET

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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>
TRAVIS HARRISON KROLL GREEN	03/28/2012
NARELLE COZENS	03/28/2012
PETER SCHMITT	03/28/2012
MICHAEL DEPASQUALE	04/06/2012
AVERY PENNARUN	03/28/2012
BORIS MIZHEN	03/29/2012
<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>
Application Number:	16563438
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(240)359-4879
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	912 257 4864
<b>Email:</b>	GOOG.Assignments@jmi-iplaw.com
<b>Correspondent Name:</b>	JOHNSON, MARCOU & ISAACS, LLC
<b>Address Line 1:</b>	P. O. BOX 691
<b>Address Line 4:</b>	HOSCHTON, GEORGIA 30548
<b>ATTORNEY DOCKET NUMBER:</b>	GOOG-2055-1
<b>NAME OF SUBMITTER:</b>	MARINA ORMAN
<b>SIGNATURE:</b>	/MARINA ORMAN/
<b>DATE SIGNED:</b>	09/17/2019
<b>Total Attachments: 3</b>	

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## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Google Inc.**, a Delaware corporation, having a place of business at **1600 Amphitheatre Parkway, Building 41, Mountain View, CA 94043** ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the following provisional application filed under 35 U.S.C. § 111(b), non-provisional application filed under 35 U.S.C. § 111(a), international application filed according to the Patent Cooperation Treaty (PCT), or U.S. national phase application filed under 35 U.S.C. § 371 ("APPLICATION"):

- Application No. 13/436,491, entitled "**TRACKING AND MANAGING GROUP EXPENDITURES**," filed on March 30, 2012.

2. The entire worldwide right, title, and interest in and to:  
(a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all provisional, utility, divisional, continuation, substitute, renewal, reissue, and other applications related thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), and (c) above; and (e) all right of priority in the APPLICATION and in any underlying provisional or foreign application, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

Title: **TRACKING AND MANAGING GROUP EXPENDITURES**  
Filed: March 30, 2012  
Application No.: 13/436,491

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INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

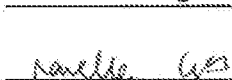
Name and Signature

  
**Travis Harrison Kroll Green**

Date of Signature

March 28, 2012

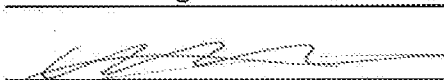
Name and Signature

  
**Narelle Cozens**

Date of Signature

March 28, 2012


Name and Signature

  
**Peter Schmitt**

Date of Signature

March 28, 2012

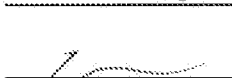
Name and Signature

  
**Michael DePasquale**

Date of Signature

                    , 2012

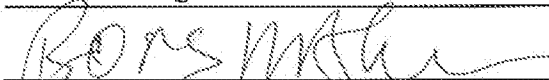
Name and Signature

  
**Aveny Pennarun**

Date of Signature

3 / 28, 2012

Name and Signature

  
**Boris Mizhen**

Date of Signature

March 29, 2012

Title: **TRACKING AND MANAGING GROUP EXPENDITURES**  
Filed: **March 30, 2012**  
Application No.: **13/436,491**

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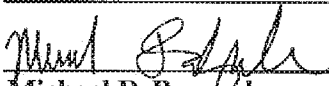
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Name and Signature	Date of Signature
	, 2012
<b>Travis Harrison Kroll Green</b>	

Name and Signature	Date of Signature
	, 2012
<b>Narelle Cozens</b>	

Name and Signature	Date of Signature
	, 2012
<b>Peter Schmitt</b>	

Name and Signature	Date of Signature
	<b>April 6</b> , 2012
<b>Michael DePasquale</b>	

Name and Signature	Date of Signature
	, 2012
<b>Aveny Pennarun</b>	

Name and Signature	Date of Signature
	, 2012
<b>Boris Mizhen</b>	