PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW DAVID WALBRAN	08/16/2012
KENNETH PAUL STOLTZ	08/16/2012
DAVID SINGLETON	08/17/2012
DOUGLAS ALEXANDER GRESHAM	08/16/2012

RECEIVING PARTY DATA

Name:	Google Inc.	
Street Address:	1600 Amphitheatre Parkway	
City:	Mountain View	
State/Country:	CALIFORNIA	
Postal Code:	94043	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15904312

CORRESPONDENCE DATA

Fax Number: (240)359-4879

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.

Phone: 912 257 4864

Email: marina@jmi-iplaw.com

Correspondent Name: JOHNSON, MARCOU & ISAACS, LLC

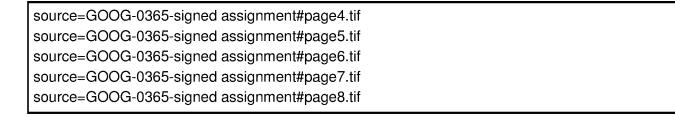
Address Line 1: 27 CITY SQUARE, SUITE 1 Address Line 4: HOSCHTON, GEORGIA 30548

ATTORNEY DOCKET NUMBER:	GOOG-0366
NAME OF SUBMITTER:	MARINA ORMAN
SIGNATURE:	/MARINA ORMAN/
DATE SIGNED:	03/27/2018

Total Attachments: 8

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> **PATENT** REEL: 045361 FRAME: 0766 504838689



PATENT REEL: 045361 FRAME: 0767

ASSIGNMENT

WHEREAS, WE,

- 1. Andrew David Walbran, ASSIGNOR, a citizen of New Zealand, with a correspondence address of 103 Brook Drive, London SE11 4TU, United Kingdom;
- Kenneth Paul Stoltz, ASSIGNOR, a citizen of the United States of America, with a correspondence address of 66B Cromford Road, London SW18 1NY, United Kingdom;
- 3. David Singleton, ASSIGNOR, a citizen of United Kingdom, with a correspondence address of 49A Heyford Avenue, London SW8 1EA, United Kingdom; and
- Douglas Alexander Gresham, ASSIGNOR, a citizen of United Kingdom, with a correspondence address of 410 King Street West #504, Kitchener, Ontario N2G21C3, Canada,

are the inventors of the invention described in

CUSTOMER LOYALTY TIERS WITH REDUCED LATENCY STATE UPDATES

for which we have executed an application for a Patent of the United States

	which was filed herewith		
Ø	which was filed on March 31, 2012	as U.S. Patent Application No.	13/436,925; and

WHEREAS, Google Inc., a corporation of the State of Delaware, having a place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043, ASSIGNEE, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the

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domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of the instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, it successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, we hereunto set our hand and seal the day and year opposite our respective signatures.

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Date: 16-8-2012 WITNESS:	Signed: Andrew David Walbran
KENNETH STOLTZ (print or type name)	
Signature:	
16 Aug 2012 Date:	
Date: 6 AUGUST 2012 WITNESS:	Signed: Kenneth Paul Stoltz
DOUGLAS GRESTAM (print or type name)	
Signature:	
16/08/2012	

Date:

Date:	Signed:
WITNESS:	David Singleton
(print or type name)	
Signature:	
Date:	
Date: 16/08/2012 WITNESS:	Signed: Douglas Alexander Gresham
Andrew Wal bran (print or type name)	
Signature:	
16 - 1 - 2012 Date:	

ASSIGNMENT

WHEREAS, WE.

- Andrew David Walbran, ASSIGNOR, a citizen of New Zealand, with a correspondence address of 103 Brook Drive, London SE11 4TU, United Kingdom;
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PATENT REEL: 045361 FRAME: 0772

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AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, it successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

IN TESTIMONY WHEREOF, we hereunto set our hand and seal the day and year opposite our respective signatures.

Date:	Signed:
WITNESS:	Signed:Andrew David Walbran
(print or type name)	
Signature:	
Date:	
Date:	Signed:
WITNESS:	Kenneth Paul Stoltz
(print or type name)	
Signature:	
Date:	

Date: 8/17/2012 WITNESS:	Signed: David Singleton
Aysa Gruddein (print or type name)	
Signature:	
August 17,2012 Date:	
Date:	Signed: Douglas Alexander Gresham
(print or type name)	
Signature:	
Date:	

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