505165036 10/29/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATHEW COWAN	07/03/2013

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:	16156799

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: GOOG.Assignments@jmi-iplaw.com **Correspondent Name:** JOHNSON, MARCOU & ISAACS, LLC

Address Line 1: P.O. BOX 691

Address Line 4: HOSCHTON, GEORGIA 30548

ATTORNEY DOCKET NUMBER:	GOOG-1327
NAME OF SUBMITTER:	ANN NESS
SIGNATURE:	/Ann Ness/
DATE SIGNED:	10/29/2018

Total Attachments: 2

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PATENT 505165036 REEL: 047344 FRAME: 0972

Attorney Docket: GOOG-1325

ASSIGNMENT

WHEREAS, I,

Mathew Cowan, ASSIGNOR, a resident of New York, New York,

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

am an inventor of the invention described in

FRAUD PREVENTION BASED ON USER ACTIVITY DATA

which was filed herewith
which was filed on _July 3, 2013 __ as U.S. Patent Application No. _13/935,400 __; 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 my 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, I, the said ASSIGNOR, 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, my 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 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 I 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.

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

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns any facts known to me 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, its successors, legal representatives and assigns to obtain and enforce proper protection for said invention in all countries.

AND I HEREBY authorize a representative of Johnson, Marcou & Isaacs, LLC, 317A East Liberty Street, Savannah, Georgia 31401, USA, to insert in the blanks above the filing date and application number of the U.S. Patent application when known.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal the day and year opposite my respective signature.

Date: Jul 3, 2013	Signed: Mathow Cowan (du 3, 2013)
	Mathew Cowan