### 503162974 02/03/2015

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3209589

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DAVID I. FERGUSON	03/15/2012
JIAJUN ZHU	03/15/2012

### **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:	14449792

### **CORRESPONDENCE DATA**

**Fax Number:** (908)654-7866

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:** (908) 518-6385

Email: Assignment@ldlkm.com

Correspondent Name: LDLK&M

Address Line 1: 600 SOUTH AVENUE WEST

Address Line 4: WESTFIELD, NEW JERSEY 07090

ATTORNEY DOCKET NUMBER:	GOOGLE 3.0-489 CON (E)
NAME OF SUBMITTER:	ANDREW T. ZIDEL
SIGNATURE:	/Andrew T. Zidel/
DATE SIGNED:	02/03/2015

**Total Attachments: 2** 

source=assignment\_5667#page1.tif source=assignment\_5667#page2.tif

PATENT 503162974 REEL: 034875 FRAME: 0554

Docket Number (Optional)

	GOOGLE 3.0-489
WHEREAS, I, <u>David I. Ferguson</u> of <u>3550 23rd St; Apt. 6; San Fi</u> discovered inventions or discoveries, the subject matter of which is descr APPROACH FOR CONSOLIDATING OBSERVED VEHICLE TRAJECTO TRAJECTORY" (hereafter "Patent Application"),	ibed in the patent application entitled "AN
WHEREAS (If the left box is checked), the Patent Application w Trademark Office on, Application Number	as filed with the U.S. Patent and
X WHEREAS (if the left box is checked), the Patent Application is	- At - K-H- do - hours for
WHEREAS (if the left box is checked), the Patent Application no David I. Ferguson and Jiajun Zhu (and whereas I hereby authorize Lerner, insert in here in brackets [Application No. 13/422,688], filed on filling date of the application when known), and	ames the following inventors: David, Littenberg, Krumholz & Mentlik, LLP, to 3-16-121 the application number and
WHEREAS, <u>Google Inc.</u> , incorporated or otherwise formed in <u>D</u> <u>Amphitheatre Parkway; Mountain View, California 94043</u> (hereafter, the acquired and is desirous of memorializing its acquisition further herein, the	"assignee") is desirous of acquiring, or has
NOW, THEREFORE, for good and valuable consideration the mas follows. I agree to assign, and hereby do assign, to the assignee my a Assigned Applications in the United States of America and all other countered Application, including any and all inventions, discoveries and othe continuation, continuation-in-part, substitute, reissue, re-examination or continuation, continuation-in-part, substitute, reissue, re-examination or continuation pursuant to any law or treaty, and any patent Issuing for assign, to assignee the right to claim such priority or benefit. I have no obligation to convey, my rights in the Assigned Applications to a third part Trademark Office, and any other governmental agency in the world, to issuinter a substitution and to record assignee's ownership thereof. At as further remuneration, to execute and deliver documents prepared at assigned as testimony, as may be reasonably required to evidence or protect Assignee may assign or transfer all or part of its rights set forth herein in affix its signature to this document as well as any other indicia of its acceleration is unenforceable, the requirements of the provision shall remain to offending portions thereof shall be deemed replaced, to the extent possib purpose of the offending provision.	entire right, title and interest in and to the tries, where "Assigned Applications" means the risubject matter described therein, any divisional, other application claiming priority or benefit to the from the foregoing. I agree to assign, and hereby of previously conveyed, nor am I aware of an ty. I hereby authorize the U.S. Patent and see to assignee all patents resulting from the signee's reasonable request I agree, without gnee's expense and to provide other cooperation, assignee's rights in the Assigned Applications. Its sole discretion, Lagree that the assignee may ptance of the provisions hereof. If any provision of the full extent permissible by law and the
(Date)	Daylu I. reiguson
I. 5. Mahron Signature of Witness  Ian James Mahron Printed Name of Witness	
	,

# **ASSIGNMENT OF PATENT APPLICATION**

Docket Number (Optional)

	GOOGLE 3.0-489
WHEREAS, I, <u>Jiajun Zhu</u> of <u>421 Paria Terrace</u> ; <u>Sunnyvale</u> , <u>Cali</u> inventions or discoveries, the subject matter of which is described in the parameter of the consolidating observed vehicle trajectories into a sind (hereafter "Patent Application"),	patent application entitled "AN APPROACH FOR
WHEREAS (if the left box is checked), the Patent Application w Trademark Office on, Application Number	as filed with the U.S. Patent and
WHEREAS (if the left box is checked), the Patent Application no David I. Ferguson and Jialun Zhu (and whereas I hereby authorize Lerner, insert in here in brackets [Application No. $13/422$ , $688$ , filed on filing date of the application when known), and	David, Littenberg, Krumholz & Mentlik, LLP, to
WHEREAS, <u>Google Inc.</u> , incorporated or otherwise formed in <u>D</u> <u>Amphitheatre Parkway; Mountain View, California 94043</u> (hereafter, the ' acquired and is desirous of memorializing its acquisition further herein, th	'assignee") is desirous of acquiring, or has
NOW, THEREFORE, for good and valuable consideration the reas follows. I agree to assign, and hereby do assign, to the assignee my exsigned Applications in the United States of America and all other count Patent Application, including any and all inventions, discoveries and other continuation, continuation-in-part, substitute, reissue, re-examination or or Patent Application pursuant to any law or treaty, and any patent issuing from the assign, to assignee the right to claim such priority or benefit. I have no obligation to convey, my rights in the Assigned Applications to a third part Trademark Office, and any other governmental agency in the world, to issuinged Applications and to record assignee's ownership thereof. At as further remuneration, to execute and deliver documents prepared at assigneed.	entire right, title and interest in and to the ries, where "Assigned Applications" means the r subject matter described therein, any divisional, ther application claiming priority or benefit to the rom the foregoing. I agree to assign, and hereby on the foregoing. I agree to assign, and hereby on the reviously conveyed, nor am I aware of an experience of the constant of the signee all patents resulting from the signee's reasonable request I agree, without thee's expense and to provide other cooperation.
such as testimony, as may be reasonably required to evidence or protect. Assignee may assign or transfer all or part of its rights set forth herein in affix its signature to this document as well as any other indicia of its accepterein is unenforceable, the requirements of the provision shall remain to offending portions thereof shall be deemed replaced, to the extent possib purpose of the offending provision.	ts sole discretion. I agree that the assignee may of the provisions hereof. If any provision the full extent permissible by law and the le, with a provision most closely reflecting the
such as testimony, as may be reasonably required to evidence or protect. Assignee may assign or transfer all or part of its rights set forth herein in affix its signature to this document as well as any other indicia of its accepherein is unenforceable, the requirements of the provision shall remain to offending portions thereof shall be deemed replaced, to the extent possib purpose of the offending provision.	ts sole discretion. I agree that the assignee may provision tance of the provisions hereof; If any provision the full extent permissible by law and the
such as testimony, as may be reasonably required to evidence or protect. Assignee may assign or transfer all or part of its rights set forth herein in affix its signature to this document as well as any other indicia of its accepterein is unenforceable, the requirements of the provision shall remain to offending portions thereof shall be deemed replaced, to the extent possib purpose of the offending provision.	ts sole discretion. I agree that the assignee may of the provisions hereof. If any provision the full extent permissible by law and the le, with a provision most closely reflecting the
such as testimony, as may be reasonably required to evidence or protect. Assignee may assign or transfer all or part of its rights set forth herein in affix its signature to this document as well as any other indicia of its accepherein is unenforceable, the requirements of the provision shall remain to offending portions thereof shall be deemed replaced, to the extent possib purpose of the offending provision.  3/15/dol2  (Date)  The Mahan Signature of Witness  Tan Janes Mahon	ts sole discretion. I agree that the assignee may of the provisions hereof. If any provision the full extent permissible by law and the le, with a provision most closely reflecting the
such as testimony, as may be reasonably required to evidence or protect. Assignee may assign or transfer all or part of its rights set forth herein in affix its signature to this document as well as any other indicia of its accepherein is unenforceable, the requirements of the provision shall remain to offending portions thereof shall be deemed replaced, to the extent possib purpose of the offending provision.  3/15/dol2  (Date)  The Mahan Signature of Witness  Tan Janes Mahon	ts sole discretion. I agree that the assignee may of the provisions hereof. If any provision the full extent permissible by law and the le, with a provision most closely reflecting the

**PATENT REEL: 034875 FRAME: 0556** 

**RECORDED: 02/03/2015**