

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3202783

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ARUNESH MISHRA	03/19/2014
MARK VANDEVOORDE	01/28/2015
RECEIVING PARTY DATA	
Name:	GOOGLE INC.
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PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	61657314
Application Number:	13913214
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DATE SIGNED:	01/29/2015
Total Attachments: 2	
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ASSIGNMENT

Serial No: 13/913,214

Filed: June 7, 2013

Title: VIEWPORT-BASED CONTRAST ADJUSTMENT FOR MAP FEATURES

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, each of the undersigned hereby assigns to GOOGLE INC., 1600 Amphitheatre Parkway, Mountain View, California 94043 and its successors and assigns ("Assignee") t the entire right, title and interest in the invention or improvements of the undersigned disclosed in the above-identified U.S. non-provisional patent application, in the below-listed provisional patent application; and in said applications and any and all other applications, both in the United States and in other countries, which the undersigned may file and/or be named as an inventor of, solely or jointly, on said inventions, in any and all patents which may be obtained on any of said applications and in any and all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates and/or extensions thereof, including without limitation, the right to bring suit and to claim and retain all damages and/or seek other remedies for the past, present and future infringement of any of the foregoing, the right of priority, including without limitation to claim priority benefit of or to said patent applications, and request the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of the Assignee.

MARSHALL, GERSTEIN & BORUN LLP, 233 S. Wacker Drive, 6300 Willis Tower, Chicago, Illinois 60606-6357

<u>Application No.</u>	<u>Filing Date</u>	<u>Country</u>	<u>Title</u>
61/657,314	06/08/2012	US	Determining Wireless Access Point Locations Using Clustered Data Points

Each of the undersigned authorizes the attorneys of record in the application listed above to insert in this assignment the filing date and application number of the application listed above when officially known.

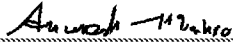
Each of the undersigned states that the application listed above is or was made or authorized to be made by him or her. Each of the undersigned believes himself or herself to be the original inventor or a joint inventor with another undersigned of a claimed invention in the application listed above. Each of the undersigned acknowledges that any willful false statement made by him or her in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both.

Except in favor of Assignee, each of the undersigned warrants that: (i) he or she is the owner of all its rights, titles and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, titles and interests herein assigned.


Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said inventions, including without limitation for the reissue,

reexamination, supplementary protection certificate or extension thereof and any oath, declaration or affidavit relating thereto that said Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with and perform any and all affirmative acts requested by Assignee to prepare, file, prosecute, maintain, defend, enforce and vest in Assignee the rights, titles and interests assigned herein, including without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, titles and interests will be held and enjoyed by said Assignee to the full end of the term for which said patents may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Date: Mar 19, 2014

Signature: 
Anurag Mittal (Mar 19, 2014)

Date: Jan 28, 2015

Signature: 
Mark Vandevordt (Jan 28, 2015)