PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHE FAN	03/20/2014
MARK LIMBER	03/20/2014
BRIAN GAMMON BROWN	03/20/2014
TILMAN REINHARDT	03/21/2014
MATTHEW ROBERT SIMPSON	03/20/2014

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:	14519231

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ATTORNEY DOCKET NUMBER:	GGL-423-CON	
NAME OF SUBMITTER:	JASON A. JENNINGS	
SIGNATURE:	/jason a. jennings/	
DATE SIGNED:	10/21/2014	

Total Attachments: 2

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503026638 PATENT REEL: 033989 FRAME: 0108

ATTORNEY DOCKET NUMBER: GGL-423

JOINT INVENTION ASSIGNMENT OF WORLDWIDE RIGHTS

WHEREAS, we, Zhe Fan, a citizen of China, residing in Boulder, Colorado; Mark Limber, a citizen of the United States, residing in Boulder, Colorado; Brian Gammon Brown, a citizen of the United States, residing in Longmont, Colorado; Tilman Reinhardt, a citizen of Germany, residing in Woodside, California; and Matthew Robert Simpson, a citizen of Australia, residing in San Francisco, California, as assignors, have made an invention entitled

"PHOTO-IMAGE-BASED 3D MODELING SYSTEM ON A MOBILE DEVICE" as described in a patent application for U.S. Letters Patent bearing U.S. Serial No. 13/162,218, which was filed in the U.S. Patent and Trademark Office on June 16, 2011; and

WHEREAS, Google Inc., 1600 Amphitheatre Parkway, Mountain View, California 94043, a corporation organized and existing under the laws of the State of California, as assignee, is desirous of securing the entire right, title and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW, THEREFORE, be it known that for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of such applications, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof, and we hereby authorize and request the Commissioner for Patents of the United States and any official of any foreign country whose duty it is to issue patents on applications as

PATENT REEL: 033989 FRAME: 0109 described above, to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Agreement.

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed, and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title of this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

IN WITNESS WHEREOF, the Assignors have executed this document on the date indicated below:

Tarak	Mar 20, 2014
Zhe Fan (Mer 20, 2014) Zhe Fan	Date
West	Mar 20, 2014
Mark Limber (Mar 20, 2014) Mark Limber	Date
	Mar 20, 2014
Brian Brown	Date
Truck Reinfrost	Mar 21, 2014
Filman Rainhardt (Mar युनिश्चिम Reinhardt	Date
Di-	Mar 20, 2014
Matthew®Robert Simpson	Date

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Document Integrity Verified

RECORDED: 10/21/2014

*Euhobign Transaction Number: X73JFXR58E5E579

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