

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Peyman Milanfar</td> <td>03/29/2013</td> </tr> <tr> <td>Marc Stewart Levoy</td> <td>03/29/2013</td> </tr> <tr> <td>Samuel William Hasinoff</td> <td>03/29/2013</td> </tr> <tr> <td>Changyin Zhou</td> <td>03/29/2013</td> </tr> </tbody> </table>		Name	Execution Date	Peyman Milanfar	03/29/2013	Marc Stewart Levoy	03/29/2013	Samuel William Hasinoff	03/29/2013	Changyin Zhou	03/29/2013
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Google Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1600 Amphitheatre Parkway</td> </tr> <tr> <td>City:</td> <td>Mountain View</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>94043</td> </tr> </table>		Name:	Google Inc.	Street Address:	1600 Amphitheatre Parkway	City:	Mountain View	State/Country:	CALIFORNIA	Postal Code:	94043
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CORRESPONDENCE DATA											
Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Email: docketing@mbhb.com Correspondent Name: McDonnell Boehnen Hulbert & Berghoff LLP Address Line 1: 300 S. Wacker Drive Address Line 2: Suite 3100 Address Line 4: Chicago, ILLINOIS 60606											
ATTORNEY DOCKET NUMBER:	13-019										
NAME OF SUBMITTER:	Jordan J. Pringle										
Signature:	/Jordan J. Pringle/										

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PATENT
 REEL: 030734 FRAME: 0370

CH \$40.00 13855054

Date:

07/03/2013

Total Attachments: 2

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ASSIGNMENT

Case No.: 13-019

Serial No.:

Inventor(s):

Peyman Milanfar
Marc Stewart Levoy
Samuel William Hasinoff
Changyin Zhou

Date of Execution

of Application:

Filing Date:

In consideration of One Dollar (\$1.00) and other good and valuable considerations in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to:

Google Inc.

its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

Camera Obstruction Detection

and identified as:

Case No. 13-019

in the offices of McDONNELL BOEHNNEN HULBERT & BERGHOFF LLP and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

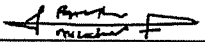
The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the filing date and serial number of said application when officially known, and the date of execution of the application.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent

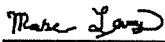
McDONNELL BOEHNNEN
HULBERT & BERGHOFF LLP
300 SOUTH WACKER DRIVE
CHICAGO, ILLINOIS 60606
TELEPHONE (312) 913-0001

that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignee, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns, to the full end of the term for which said Letters Patent will 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.


Signature: Peyman Milanfar (Mar 29, 2013)

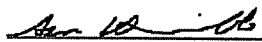
Name: Peyman Milanfar

Date: Mar 29, 2013


Signature: Marc Levoy (Apr 1, 2013)


Name: Marc Stewart Levoy

Date: Mar 29, 2013


Signature: Samuel William Hasinoff (Mar 29, 2013)

Name: Samuel William Hasinoff

Date: Mar 29, 2013


Signature: Changyin Zhou (Mar 29, 2013)

Name: Changyin Zhou

Date: Mar 29, 2013