

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Swarnal Borthakur</td> <td>08/19/2013</td> </tr> <tr> <td>Scott Churchwell</td> <td>08/19/2013</td> </tr> <tr> <td>Ulrich Boettiger</td> <td>08/19/2013</td> </tr> <tr> <td>Marc Sulfridge</td> <td>08/19/2013</td> </tr> <tr> <td>Andrew Perkins</td> <td>08/19/2013</td> </tr> <tr> <td>Rick Lake</td> <td>08/19/2013</td> </tr> </tbody> </table>		Name	Execution Date	Swarnal Borthakur	08/19/2013	Scott Churchwell	08/19/2013	Ulrich Boettiger	08/19/2013	Marc Sulfridge	08/19/2013	Andrew Perkins	08/19/2013	Rick Lake	08/19/2013
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RECEIVING PARTY DATA															
Name:	Aptina Imaging Corporation														
Street Address:	190 Elgin Avenue														
City:	George Town, Grand Cayman														
State/Country:	CAYMAN ISLANDS														
Postal Code:	KY1-9005														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13972249</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13972249										
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Application Number:	13972249														
CORRESPONDENCE DATA															
Fax Number:	4158370651														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Email:	valalos@trezlawgroup.com														
Correspondent Name:	G. Victor Treyz														
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Address Line 2:	Suite 984														
Address Line 4:	San Francisco, CALIFORNIA 94102														
ATTORNEY DOCKET NUMBER:	2012-0073.00/US														
NAME OF SUBMITTER:	Victoria Avalos														

OP \$40.00 13972249

Signature:	/Victoria Avalos/
Date:	08/21/2013
Total Attachments: 3 source=2012-0073_00-US_Assignment#page1.tif source=2012-0073_00-US_Assignment#page2.tif source=2012-0073_00-US_Assignment#page3.tif	

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A S S I G N M E N T

WHEREAS, We, Swarnal Borthakur, Scott Churchwell, Ulrich Boettiger, Marc Sulfridge, Andrew Perkins, and Rick Lake, residing respectively at 3606 S. North Church Avenue, Boise, Idaho 83706, 6353 E. Escarpment Ct., Boise, Idaho 83716, 5109 North Lakemont Lane, Garden City, Idaho 83714, 3428 N. Lancer Avenue, Boise, Idaho 83713, 817 Patrick Place, Boise, Idaho 83709, and 3081 E. Tybalt Court, Meridian, Idaho 83642, have made an invention entitled:

BACKSIDE ILLUMINATED IMAGE SENSORS WITH STACKED DIES

and

(1) are about to make an application for United States Letters Patent therefor, the same having been executed by us on even date herewith

OR

(2) have made an application for United States Letters Patent therefor, the same having been filed on () under Application No. (), in connection with which we hereby authorize and request the assignee's attorneys associated with Customer Number 86929 to insert within the foregoing parentheses the filing date and Application No. of said application when known; and

WHEREAS, APTINA IMAGING CORPORATION, a corporation organized and existing under the laws of the State of Cayman Islands and having an address of 190 Elgin Avenue, George Town, Grand Cayman, Cayman Islands KY1-9005, is desirous of acquiring the entire interest in said invention, said United

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States patent application and in any Letters Patent which may issue thereon;


NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid, and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto the said APTINA IMAGING CORPORATION, its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for all countries of the world, and in and to said United States patent application, including any continuations, continuations-in-part and divisions thereof, and any substitute applications therefor, and including the right to claim priority under the International Convention based on said patent application, and any patent which may issue thereon, and any reissues of the same; and all right, title and interest in and to every patent application filed or to be filed on said invention in any other country, including renewals, revivals, continuations and divisions thereof, and any substitute applications therefor, and any and all patents which may issue thereon, and any reissues and extensions of the same;

and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said APTINA IMAGING CORPORATION as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as are necessary and proper to secure patent protection on said invention throughout all countries of the world, and to otherwise give full effect to and perfect the rights of the assignee under this Assignment.


2012-0073.00/US

IN TESTIMONY WHEREOF, we have hereunto signed our names on the dates indicated hereinafter.


08/19/2013
Date


Swarnal Borthakur

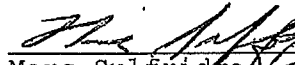
08/19/2013
Date


Scott Churchwell

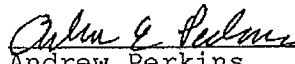
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Ulrich Boettiger

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Date


Marc Sulfridge

8/19/2013
Date


Andrew Perkins

8/19/2013
Date


Rick Lake