

## 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>Ashirwad Bahukhandi</td> <td>07/11/2012</td> </tr> <tr> <td>Hai Yan</td> <td>07/11/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ashirwad Bahukhandi	07/11/2012	Hai Yan	07/11/2012
Name	Execution Date						
Ashirwad Bahukhandi	07/11/2012						
Hai Yan	07/11/2012						
RECEIVING PARTY DATA							
Name:	Aptina Imaging Corporation						
Street Address:	Walker House, 87 Mary Street						
City:	George Town, Grand Cayman						
State/Country:	CAYMAN ISLANDS						
Postal Code:	KY1-9002						
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>13550573</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13550573		
Property Type	Number						
Application Number:	13550573						
CORRESPONDENCE DATA							
Fax Number:	(415)837-0651						
Phone:	415-837-0650						
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
Correspondent Name:	Michael Lyons						
Address Line 1:	870 Market Street						
Address Line 2:	Suite 984						
Address Line 4:	San Francisco, CALIFORNIA 94102						
ATTORNEY DOCKET NUMBER:	2011-0047.00/US						
NAME OF SUBMITTER:	Michael H. Lyons						
Total Attachments: 3 source=2011-0047_00-US_Assignment#page1.tif source=2011-0047_00-US_Assignment#page2.tif source=2011-0047_00-US_Assignment#page3.tif							

OP \$40.00 13550573

A S S I G N M E N T

WHEREAS, We, Ashirwad Bahukhandi and Hai Yan, residing respectively at 1832 Snell Pl, Milpitas, California 95035 and 5108 Chiltern Lane, San Ramon, CA 94582, have made an invention entitled:

COLUMN PARALLEL READOUT IMAGE SENSORS WITH SHARED COLUMN ANALOG-TO-DIGITAL CONVERTER CIRCUITRY

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 Walker House, 87 Mary Street, George Town, Grand Cayman, Cayman Islands KY1-9002, is desirous of acquiring the entire interest in said invention, said United 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

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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;

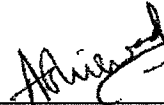
and we hereby authorize and request competent authorities to grant and issue any and all patents on said invention to the said APTINA IMAGING CORPORATION as the assignee of the entire interest therein; and we further agree to execute upon request of the assignee such additional documents, if any, as 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.

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

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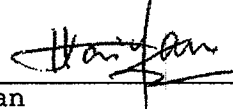
Date



Ashirwad Bahukhandi

7/11/2012

Date



Hai Yan