

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JOHANNES SOLHUSVIK	02/13/2012
NEAL CROOK	02/15/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	APTINA IMAGING CORPORATION
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<b>State/Country:</b>	CAYMAN ISLANDS
<b>Postal Code:</b>	KY1-9002
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14279097
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<b>NAME OF SUBMITTER:</b>	KELLY A NELSON
<b>SIGNATURE:</b>	/Kelly A Nelson/
<b>DATE SIGNED:</b>	12/12/2014
<b>Total Attachments: 4</b>	
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A S S I G N M E N T

WHEREAS, We, Johannes Solhusvik and Neal Crook, residing respectively at Neslia 43, Haslum, 1344, Norway, and 3 College Road, Reading, Berkshire RG6 1QE, United Kingdom, have made an invention entitled:

IMAGE SENSORS WITH DARK PIXELS FOR REAL-TIME VERIFICATION OF IMAGING SYSTEMS

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.

13-FEB-2012  
Date

  
Johannes Solhusvik

\_\_\_\_\_  
Date

\_\_\_\_\_  
Neal Crook

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

\_\_\_\_\_  
Date

15 Feb 2012.  
Date

\_\_\_\_\_  
Johannes Solhusvik

Neal Andrew Crook.  
Neal Crook