

## PATENT ASSIGNMENT

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| SUBMISSION TYPE:                                                                                                                                                                                         | NEW ASSIGNMENT                  |
| NATURE OF CONVEYANCE:                                                                                                                                                                                    | ASSIGNMENT                      |
| CONVEYING PARTY DATA                                                                                                                                                                                     |                                 |
| Name                                                                                                                                                                                                     | Execution Date                  |
| Roger A. Panicacci                                                                                                                                                                                       | 01/31/2013                      |
| 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                                                                                                                                                                                |                                 |
| Property Type                                                                                                                                                                                            | Number                          |
| Patent Number:                                                                                                                                                                                           | 6529242                         |
| CORRESPONDENCE DATA                                                                                                                                                                                      |                                 |
| Fax Number:                                                                                                                                                                                              | 4158370651                      |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>                                                                                                                     |                                 |
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| ATTORNEY DOCKET NUMBER:                                                                                                                                                                                  | PBIT-0028.00/US                 |
| NAME OF SUBMITTER:                                                                                                                                                                                       | Kajsa Soss                      |
| Total Attachments: 3<br>source=PBIT-0028_00-US_Confirmatory_Assignment#page1.tif<br>source=PBIT-0028_00-US_Confirmatory_Assignment#page2.tif<br>source=PBIT-0028_00-US_Confirmatory_Assignment#page3.tif |                                 |

OP \$40.00 6529242

C O N F I R M A T O R Y   A S S I G N M E N T

WHEREAS, I, Roger A. Panicacci, have sold, assigned and transferred unto PHOTOBIT CORPORATION, a Delaware corporation at 135 North Los Robles Avenue, 7<sup>th</sup> Floor, Pasadena, California 91101 the entire right, title and interest throughout the world in and to an invention entitled "LOOK AHEAD SHUTTER POINTER ALLOWING REAL TIME EXPOSURE CONTROL," for which United States Patent Number 6,529,242 was issued on March 4, 2003;

WHEREAS, said patent was subsequently transferred by assignment from said PHOTOBIT CORPORATION to MICRON TECHNOLOGY, INC., a corporation organized and existing under the laws of the State of Delaware and having an address of 8000 South Federal Way, Boise, Idaho 83716;

WHEREAS, said assignment from PHOTOBIT CORPORATION to MICRON TECHNOLOGY, INC. was recorded in the United States Patent and Trademark Office at Reel 012745, Frame 0385;

WHEREAS, said patent was later transferred by assignment from said MICRON TECHNOLOGY, INC. to 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;

WHEREAS, said assignment from MICRON TECHNOLOGY, INC. to APTINA IMAGING CORPORATION was recorded in the United States Patent and Trademark Office at Reel 022449, Frame 0786;

WHEREAS, I am desirous of confirming the transfer of my right, title, and interest in and to said invention to said APTINA IMAGING CORPORATION, its successors, assigns and legal representatives;

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, I, Roger A. Panicacci do hereby sell, assign and transfer unto 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 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 has issued or 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 I hereby authorize and request competent authorities to grant and issue any and all patents on said invention to said APTINA IMAGING CORPORATION, its successors, assigns, and legal representatives, as the assignee of the entire interest therein; and I further agree to execute upon request of said APTINA IMAGING CORPORATION, its successors, assigns, and legal representatives, 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

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effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, I have hereunto signed my name on the date indicated hereinafter.

1/31/2013

Date

Roger A. Panicacci

Roger A. Panicacci