PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the docket number. The docket number is "2009-0006.00/US" and was incorrectly recorded as "2009-0060.00/US". previously recorded on Reel 026317 Frame 0947. Assignor(s) hereby confirms the assignment.	

CONVEYING PARTY DATA

Name	Execution Date
Swarnal Borthakur	05/11/2011
Kevin W. Hutto	05/11/2011
Andrew Perkins	05/11/2011
Marc Sulfridge	05/11/2011

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
Application Number:	13112871

CORRESPONDENCE DATA

Fax Number: 4158370651

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: apotter@treyzlawgroup.com

Correspondent Name: G. Victor Treyz
Address Line 1: 870 Market Street

Address Line 2: Suite 984

Address Line 4: San Francisco, CALIFORNIA 94102

ATTORNEY DOCKET NUMBER:	2009-0006.00/US
NAME OF SUBMITTER:	Amanda M. Potter

502223231 REEL: 029772 FRAME: 0133

DP \$40.00 13112871

Total Attachments: 6

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TO:G. VICTOR TREYZ COMPANY:870 MARKET STREET



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 24, 2011

PTAS

G. VICTOR TREYZ 870 MARKET STREET SUITE 984 SAN FRANCISCO, CA 94102



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

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RECORDATION DATE: 05/20/2011

REEL/FRAME: 026317/0947 NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: -2009-0060.00/US CORRECTION: 2009-0006,00/US

ASSIGNOR:

BORTHAKUR, SWARNAL

DOC DATE: 05/11/2011

ASSIGNOR:

HUTTO, KEVIN W.

DOC DATE: 05/11/2011

ASSIGNOR:

PERKINS, ANDREW

DOC DATE: 05/11/2011

ASSIGNOR:

SULFRIDGE, MARC

DOC DATE: 05/11/2011

P.O. Box 1450, Alexandria, Virginia 22313-1450 - www.uspto.gov

TO:G. VICTOR TREYZ COMPANY:870 MARKET STREET

026317/0947 PAGE 2

ASSIGNEE:

APTINA IMAGING CORPORATION
WALKER HOUSE, 87 MARY STREET
GEORGE TOWN, GRAND CAYMAN, CAYMAN
ISLANDS KY1-9002

APPLICATION NUMBER: 13112871

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: METHODS FOR FORMING BACKSIDE ILLUMINATED IMAGE SENSORS WITH

FRONT SIDE METAL REDISTRIBUTION LAYERS

ASSIGNMENT SERVICES BRANCH PUBLIC RECORDS DIVISION

· · · · · · · · · · · · · · · · · · ·		PATENT ASSIGNMENT		
Electronic Version v Stylesheet Version		05/20/2011 501539441		
SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVE	NATURE OF CONVEYANCE: ASSI			
CONVEYING PARTY	/ DATA			
		Name	Execution Date	
Swarnal Borthakur		Name	05/11/2011	
Kevin W. Hutto			05/11/2011	
Andrew Perkins			05/11/2011	
Marc Sulfridge			05/11/2011	
IMARO Odiniago			00/11/2011	
RECEIVING PARTY	DATA			
Name:	Aptina Imaging C	Aptina Imaging Corporation		
Street Address:	Walker House, 87	Walker House, 87 Mary Street		
City:	George Town, Gr	George Town, Grand Cayman		
State/Country:	CAYMAN ISLANI	CAYMAN ISLANDS		
Postal Code:	KY1-9002	KY1-9002		
PROPERTY NUMBE	RS Total: 1			
Property Type		Numb	ег	
Application Number: 13112871		112871		
CORRESPONDENC	E DATA			
Fax Number:	(415)837-06	£1		
		when the fax attempt is unsuccessful.		
Email:	ksoss@pate	·		
Correspondent Name: G. Victor Treyz				
Address Line 1: 870 Market Street				
Address Line 2: Suite 984 Address Line 4: San Francisco, CALIFORNIA 94102				
Address Line 4:	San Francis	CO, GALIFORNIA 94102		
ATTORNEY DOCKET NUMBER:		2009-0060.00/US		
NAME OF SUBMITTER:		Kajsa Soss		
Total Attachments: 3 source=2009-0006_0 source=2009-0006_0	0-US_Assignment#pa	age2.tif		

2009-0006.00/US

ASSIGNMENT

WHEREAS, We, Swarnal Borthakur, Kevin W. Hutto, Andrew Perkins, and Marc Sulfridge, residing respectively at 3606 S. North Church Avenue, Boise, Idaho 83706, 2303 N. Grey Hawk Ave., Kuna, Idaho 83634, 817 Patrick Place, Boise, Idaho 83709, and 3428 N. Lancer Avenue, Boise, Idaho 83713, have made an invention entitled:

METHODS FOR FORMING BACKSIDE ILLUMINATED IMAGE SENSORS WITH FRONT SIDE METAL REDISTRIBUTION LAYERS

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

ÓR

(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 k	nown; 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;

Page 1 of 3

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.

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

Page 2 of 3

05/11/11	
Date	Swarnal Borthakur
// <i>W/1472@//</i> Date	Ang Marketo Kevin W. Hutto
Date	Kévin W. Hůtto
	<u>Cular Palmi</u> Andrew Perkins
	Andrew retains
1-May -11 Date	The fifth
Date	Marc Sulfridge