

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4140582

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
Name			Execution Date
MICRON TECHNOLOGY, INC.			09/26/2008
RECEIVING PARTY DATA			
Name:	APTINA IMAGING CORPORATION		
Street Address:	C/O CITICO TRUSTEES (CAYMAN) LIMITED		
Internal Address:	REGATTA OFFICE PARK, WEST BAY ROAD		
City:	GRAND CAYMAN		
State/Country:	CAYMAN ISLANDS		
Postal Code:	Y1-1205		
PROPERTY NUMBERS Total: 1			
Property Type	Number		
Patent Number:	7755018		
CORRESPONDENCE DATA			
Fax Number:	(602)244-3169		
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>			
Phone:	6022443574		
Email:	patents@onsemi.com		
Correspondent Name:	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC		
Address Line 1:	5005 E. MCDOWELL ROAD		
Address Line 2:	MAILDROP A700		
Address Line 4:	PHOENIX, ARIZONA 85008		
ATTORNEY DOCKET NUMBER:	APT2002-0330DC02		
NAME OF SUBMITTER:	SHARRON CASTILLO		
SIGNATURE:	/Sharron Castillo/		
DATE SIGNED:	11/14/2016		
Total Attachments: 7			
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PATENT ASSIGNMENT AGREEMENT

1. Definitions

- (a) "Agreement" shall mean this Patent Assignment Agreement.
- (b) "Assignee" shall mean **Aptina Imaging Corporation**, a Cayman Islands corporation with offices at c/o Citco Trustees (Cayman) Limited, Regatta Office Park, West Bay Road, Grand Cayman, Y1-1205, Cayman Islands.
- (c) "Assignor" shall mean **Micron Technology, Inc.**, a Delaware corporation with offices at 8000 South Federal Way, Boise, ID 83707.

(d) "Effective Date" shall mean October 3, 2008.

(e)



(f)



(g) "Imaging Patents" shall mean those patents identified in ATTACHMENT "A" hereto, including, without limitation, all divisions, continuations, continuations-in-part, reissues, reexaminations, and all foreign counterparts thereof, and which may issue thereon or in connection therewith after the Effective Date of this Agreement.

(h) "Imaging Patent Applications" shall mean those filed patent applications identified in ATTACHMENT "B" hereto, including, without limitation, all patents, divisions, continuations, continuations-in-part, reissues, reexaminations, and all foreign counterparts which may issue thereon or in connection therewith after the Effective Date of this Agreement.

(i) "Semiconductor Patents" shall mean those patents identified in ATTACHMENT "D" hereto, including, without limitation, all divisions, continuations, continuations-in-part, reissues, reexaminations, and all foreign counterparts thereof, and which may issue thereon or in connection therewith after the Effective Date of this Agreement.

(j) "Semiconductor Patent Applications" shall mean those filed patent applications identified in ATTACHMENT "E" hereto, including, without limitation, all patents, divisions, continuations, continuations-in-part, reissues, reexaminations, and all foreign counterparts which may issue thereon or in connection therewith after the Effective Date of this Agreement.

(k) [REDACTED]

2. [REDACTED]

(a) Subject to the terms and conditions of this Agreement, and subject to the rights of others existing as of the Effective Date of this Agreement if any, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby sells, assigns, and transfers to Assignee its entire right, title and interest in and to the Imaging Patents, including all rights to causes of action and remedies related thereto (including the right to sue for past, present or future infringement of rights related to the foregoing and the right to collect damages therefor). Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any other official of the United States and any country foreign to the United States whose duty it is to issue or record patents, to issue the Imaging Patents to Assignee and to record assignment of the Imaging Patents to Assignee.

(b) Subject to the terms and conditions of this Agreement, and subject to the rights of others existing as of the Effective Date of this Agreement if any, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby sells, assigns, and transfers to Assignee its entire right, title and interest in and to the Intellectual Property rights in the Imaging Patent Applications. Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any other official of the United States and any country foreign to the United States whose duty it is to issue or record patents, to record assignment of the Imaging Patent Applications to Assignee.

(c) [REDACTED]

(d) Subject to the terms and conditions of this Agreement, and subject to the rights of others existing as of the Effective Date of this Agreement if any, and subject further to the restrictions on the Semiconductor Patents set out below, Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby sells, assigns, and transfers to Assignee its entire right, title and interest in and to the Semiconductor Patents, including all rights to causes of action and remedies related thereto (including the right to sue for past, present or future infringement of rights related to the foregoing and the right to collect damages therefor). Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any other official of the United States and any country foreign to the United States whose duty it is to issue or record patents, to issue the Semiconductor Patents to Assignee and to record assignment of the Semiconductor Patents to Assignee.

(e) Subject to the terms and conditions of this Agreement, and subject to the rights of others existing as of the Effective Date of this Agreement if any, [REDACTED], Assignor, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, hereby sells, assigns, and transfers to Assignee its entire right, title and interest in and to the Intellectual Property rights in the Semiconductor Patent Applications. Assignor hereby authorizes and requests the Commissioner of Patents of the United States, and any other official of the United States and any country foreign to the United States whose duty it is to issue or record patents, to record assignment of the Semiconductor Patent Applications to Assignee.

(f)

[REDACTED]

[REDACTED]

[REDACTED]

3. [REDACTED]

[REDACTED]

4. [REDACTED]

[REDACTED]

5. [REDACTED]

[REDACTED]

[REDACTED]

6. [REDACTED]

[REDACTED]

7. General

This Agreement shall be effective as of the Effective Date hereof and shall be binding on the respective heirs, assigns, representatives, and successors of Assignor and of Assignee.

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Agreed to by:

Micron Technology, Inc.

Signed: _____

Date: 9/26/08, 2008

Notarization
State of Idaho
County of Ada

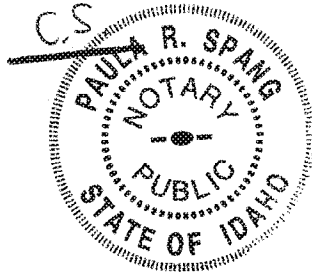
On 9/26/08, before me, Paula R. Spang, personally appeared the above-named Steven R. Appleton

who executed this Assignment in my presence and acknowledged to me that he did so of his own free will and in his authorized capacity for the purposes set forth herein.

Signed: _____

My commission expires: 8/12/11

REVIEWED
MTI LEGAL



Agreed to by:

Aptina Imaging Corporation

Signed: _____

Date: 9/26/08, 2008

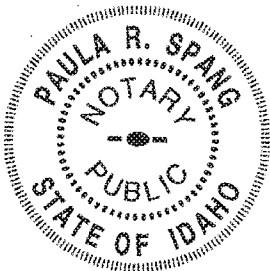
Notarization
State of Idaho
County of Ada

On 9/26/08, before me, Paula R. Spang, personally appeared the above-named Thomas L. Lauer, Jr.

who executed this Assignment in my presence and acknowledged to me that he did so of his own free will and in his authorized capacity for the purposes set forth herein.

Signed: _____

My commission expires: 8/12/11



[Signature page to the Patent Assignment Agreement]

ATTACHMENT "A"

IMAGING PATENTS

Aptina Issued

PATENT NUMBER	FIL# NUMBER	TITLE	COUNTRY NAME	ISSUE DATE
		EFFECTS IN A CMOS PHOTODETECTOR		
6917027	PEIT-0151.00/US	METHOD AND APPARATUS FOR REDUCING KTC NOISE IN AN ACTIVE PIXEL SENSOR (APS) DEVICE	United States of America	Jul 12, 2005
6919551	2002-0336.00/US	DIFFERENTIAL COLUMN READOUT SCHEME FOR CMOS APS PIXELS	United States of America	Jul 19, 2005
6921676	AVGO-0057.00/US	WAFER-SCALE MANUFACTURING METHOD	United States of America	Jul 26, 2005
6921534	2002-1207.00/US	DOUBLE PINNED PHOTODIODE FOR CMOS APS AND METHOD OF FORMATION	United States of America	Jul 26, 2005
6927089	1998-1080.01/US	CMOS IMAGER AND METHOD OF FORMATION	United States of America	Aug 9, 2005
6927434	2002-0432.00/US	PROVIDING CURRENT TO COMPENSATE FOR SPURIOUS CURRENT WHILE RECEIVING SIGNALS THROUGH A LINE	United States of America	Aug 9, 2005
6927922	PUJC-0919.00/US	IMAGING USING A MULTIFOCAL ASPHERIC LENS TO OBTAIN EXTENDED DEPTH OF FIELD	United States of America	Aug 9, 2005
6934085	2003-0512.00/US	MICROELECTRONIC DEVICES AND METHODS FOR PACKAGING MICROELECTRONIC DEVICES	United States of America	Aug 23, 2005
6940081	AVGO-0019.00/US	TWO-COLOR PHOTO-DETECTOR AND METHODS FOR DEMOSAICING A TWO-COLOR PHOTO-DETECTOR ARRAY	United States of America	Sep 6, 2005
6943832	AVGO-0013.00/US	HYSTERESIS IN IMAGE PROCESSING ALGORITHMS	United States of America	Sep 13, 2005
6949445	2002-0056.00/US	ANGLED IMPLANT FOR TRENCH ISOLATION	United States of America	Sep 27, 2005
69522158.2	AVGO-0149.00/DE	BINARY IMAGE SCALING	Germany	Aug 16, 2001
6950795	1998-0119.03/US	PIXEL SENSOR CELL FOR USE IN AN IMAGING DEVICE	United States of America	Nov 1, 2005
6987354	2002-1153.01/US	ELEVATED PHOTODIODE IN AN IMAGE SENSOR	United States of America	Nov 22, 2005
6987509	2002-0585.02/US	CHARGE RECYCLING AMPLIFIER FOR HIGH DYNAMIC RANGE CMOS IMAGER	United States of America	Nov 22, 2005