

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4143993

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: 2	
Property Type	Number
Patent Number:	7557337
Patent Number:	7405385
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:	APT2002-1130D01_D02
NAME OF SUBMITTER:	SHARRON CASTILLO
SIGNATURE:	/Sharron Castillo/
DATE SIGNED:	11/15/2016
Total Attachments: 7	
source=APT2002-1130D01-D02_20161115_Assignment_MicronAptina#page1.tif	
source=APT2002-1130D01-D02_20161115_Assignment_MicronAptina#page2.tif	
source=APT2002-1130D01-D02_20161115_Assignment_MicronAptina#page3.tif	

source=APT2002-1130D01-D02_20161115_Assignment_MicronAptina#page4.tif

source=APT2002-1130D01-D02_20161115_Assignment_MicronAptina#page5.tif

source=APT2002-1130D01-D02_20161115_Assignment_MicronAptina#page6.tif

source=APT2002-1130D01-D02_20161115_Assignment_MicronAptina#page7.tif

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.

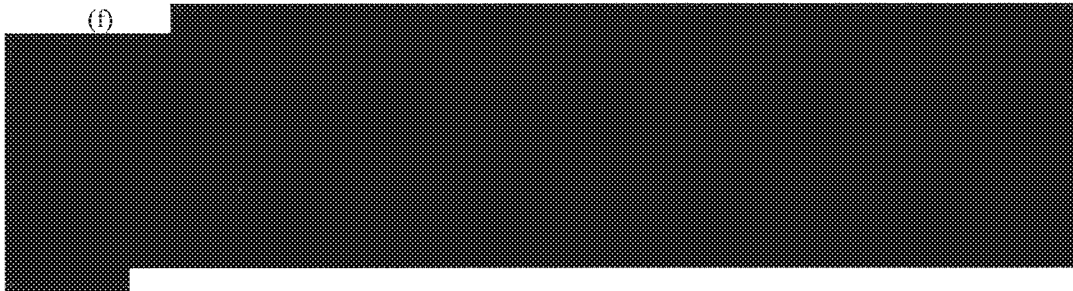
(c) "Assignor" shall mean **Micron Technology, Inc.**, a Delaware corporation with offices at 8000 South Federal Way, Boise, ID 83707.

(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.

[the rest of this page intentionally left blank]

Agreed to by:

Micron Technology, Inc.

Signed: [Signature]

Date: 9/24/08, 2008

Notarization
State of Idaho
County of Ada

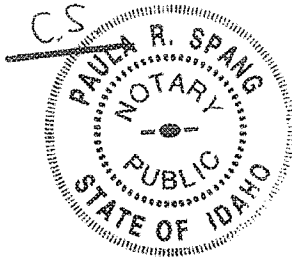
On 9/26/08, before me, Paula R. Spang, personally appeared the above-named Steven R. Appleton

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: [Signature]

My commission expires: 8/12/11

REVIEWED
MTI LEGAL



Agreed to by:

Aptina Imaging Corporation

Signed: Thomas L. Law Jr.

Date: 9/26/08, 2008

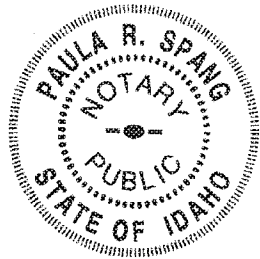
Notarization
State of Idaho
County of Ada

On 9/26/08, before me, Paula R. Spang, personally appeared the above-named Thomas L. Law, 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: [Signature]

My commission expires: 8/12/11



[Signature page to the Patent Assignment Agreement]

ATTACHMENT "A"

IMAGING PATENTS

Aptina Issued

PATENT NUMBER	FILE NUMBER	TITLE	COUNTRY/INMP	ISSUE DATE
7102828	AVGO-0014.00/US	TELECENTRIC SINGLET HAVING A SMALL HEIGHT REQUIREMENT	United States of America	Sep 5, 2006
7105793	2003-0110.00/US	CMOS PIXELS FOR ALC AND CDS AND METHOD OF FORMING THE SAME	United States of America	Sep 12, 2006
7112774	AVGO-0060.00/US	CMOS STEREO IMAGING SYSTEM & METHOD	United States of America	Sep 26, 2006
7115853	2002-1130.00/US	MICRO LENS CONFIGURATION FOR SMALL LENS FOCUSING IN DIGITAL IMAGING DEVICES	United States of America	Oct 3, 2006
7116665	2002-1198.00/US	IMAGE SENSOR HAVING PINNED FLOATING DIFFUSION DIODE	United States of America	Oct 3, 2006
7115923	2003-0241.00/US	IMAGING WITH GATE CONTROLLED CHARGE STORAGE	United States of America	Oct 3, 2006
7115924	AVGO-0140.00/US	PIXEL WITH ASYMMETRIC TRANSFER GATE CHANNEL DOPING	United States of America	Oct 3, 2006
7115861	2003-0858.00/US	PACKAGED MICROELECTRONIC IMAGING DEVICES AND METHODS OF PACKAGING MICROELECTRONIC IMAGING DEVICES	United States of America	Oct 3, 2006
7116366	PBIT-0069.00/US	CMOS APS PIXEL SENSOR DYNAMIC RANGE INCREASE	United States of America	Oct 3, 2006
7116368	PBIT-0069.02/US	CMOS APS PIXEL SENSOR DYNAMIC RANGE INCREASE	United States of America	Oct 3, 2006
7119317	2004-0334.00/US	WIDE DYNAMIC RANGE IMAGER WITH SELECTIVE READOUT	United States of America	Oct 10, 2006
7119321	2002-1550.00/US	OPTICAL CHANNELS FOR MULTI LEVEL METAL OPTICAL IMAGERS	United States of America	Oct 10, 2006
7119322	2002-1199.01/US	CMOS IMAGE SENSOR HAVING PINNED DIODE FLOATING DIFFUSION REGION	United States of America	Oct 10, 2006
7119839	PBIT-0092.00/US	HIGH RESOLUTION CMOS CIRCUIT USING A MATCHED IMPEDANCE OUTPUT TRANSMISSION LINE	United States of America	Oct 10, 2006
7120457	1999-0112.01/US	REDUNDANT IMAGING SYSTEMS	United States of America	Oct 31, 2006
7120459	AVGO-0131.00/US	Wire-Bondable Image Sensor Having Integral Contaminant Shadowing Reduction Structure	United States of America	Oct 31, 2006

