# 504116659 11/30/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4163329

SUBMISSION TYPE:			NEW ASSIGNMENT					
NATURE OF CONVEYANCE:			ASSIGNMENT					
CONVEYING PARTY D	ΑΤΑ		•					
			Name		Execution Date			
MICRON TECHNOLOG	Y, INC.				09/26/2008			
RECEIVING PARTY DA	ТА							
Name:	APTIN	APTINA IMAGING CORPORATION						
Street Address:	C/O CI	C/O CITICO TRUSTEES (CAYMAN) LIMITED						
Internal Address:	REGA	REGATTA OFFICE PARK, WEST BAY ROAD						
City:	GRAN	GRAND CAYMAN						
State/Country:	CAYM	CAYMAN ISLANDS						
Postal Code:	Y1-120	1-1205						
	I							
PROPERTY NUMBERS	5 Total: 1			_				
Property Type			Number					
Patent Number:	Patent Number: 79		0765					
	ΑΤΑ							
Fax Number:		• /	244-3169					
			e-mail address first; if that is un hat is unsuccessful, it will be se					
		60224	443574					
Email:		paten	ts@onsemi.com					
Correspondent Name:			CONDUCTOR COMPONENTS INDUSTRIES, LLC					
Address Line 1:			E. MCDOWELL ROAD					
	Address Line 2: MAIL		DROP A700					
Address Line 4:		PHO	ENIX, ARIZONA 85008					
ATTORNEY DOCKET NUMBER:			APT2004-1197D01					
NAME OF SUBMITTER:			SHARRON CASTILLO					
SIGNATURE:			/Sharron Castillo/					
DATE SIGNED:			11/30/2016					
Total Attachments: 7			1					
source=APT2004-1197D	01_2016	1130_	Assignment_MicronAptina#page1	.tif				
source=APT2004-1197D	01_2016	1130_	Assignment_MicronAptina#page2	.tif				
source=APT2004-1197D	01_2016	1130_	Assignment_MicronAptina#page3	.tif				

source=APT2004-1197D01\_20161130\_Assignment\_MicronAptina#page4.tif

source=APT2004-1197D01\_20161130\_Assignment\_MicronAptina#page5.tif source=APT2004-1197D01\_20161130\_Assignment\_MicronAptina#page6.tif source=APT2004-1197D01\_20161130\_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.



(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.



(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.

(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.

	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
	000000000000000000000000000000000000000		
	000000000000000000000000000000000000000		
X0000000000000000000000000000000000000			

(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.

(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, 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.



3



### 7. <u>General</u>

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: 2008 Date:

Notarization State of Idaho County of Ada

County of Ada \_, personally appeared the above-named String & Apple Pag Lyla On 7 before me, \_

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.



Agreed to by:

Signed:

My commission expires:

Aptina Imaging Corporation Signed: 9/26/08 2008 Date:

8/12

Notarization State of Idaho County of Ada

personally appeared the above-named Throas Llour, Jr. before me, a On

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

62 Signed 8/12/11 My commission expires:



[Signature page to the Patent Assignment Agreement]

## ATTACHMENT "B"

# Aptina Applications

				ABBREATION NUMBER	DATERIED
FILE NUMBER	TITLE	STATUS	COUNTRY NAME	A REPUTCION INVESTIGATION	
	GATES	and the second second second	and the state of t	e e constante en servicios	Jan 5. 2007
2004-1197.00/KR	METHOD AND APPARATUS FOR PROVIDING AN INTEGRATED.CIRCUIT HAVING P AND N DOPED GATES		Republic of Korea	PCTUS2007000407	Jan 5, 2007
2004-1197.00/PC	METHOD AND APPARATUS FOR PROVIDING AN INTEGRATED CIRCUIT HAVING P AND N DOPED GATES	Completed	PCT		
2004-1197.00/SG	METHOD AND APPARATUS FOR PROVIDING AN INTEGRATED CIRCUIT HAVING P AND N DOPED GATES	Pending	Singapore		Jan 5, 2007
2004-1197.00/TW	METHOD AND APPARATUS FOR PROVIDING AN INTEGRATED CIRCUIT HAVING P AND N DOPED GATES	Pending	Taiwan P.O.C.	096100819	Jan 9, 2007
2004-1187.00AUS	METHOD AND APPARATUS FOR PROVIDING AN INTEGRATED CIRCUIT HAVING P AND N DOPED GATES	Pending	United States of America	11327377	Jan 9, 2006
2004-1228.01/US	METHOD AND APPARATUS PROVIDING GRADED-INDE: MICRO LENSES		United States of America	11501055	Aug 9, 2006
2004-1228.02/US	METHOD AND APPARATUS PROVIDING GRADED-INDE MICRO LENSES	Pending	United States of America	11797317	May 2, 2007
2004-1250.00/US	METHOD AND APPARATUS PROVIDING INTEGRATED COLOR PIXEL WITH BURIEU SUB-WAVELENGTH GRATINGS IN SOLID STATE IMAGERS	5	United States of America	11209774	Aug 24, 2005
2004-1299.00/US	STRUCTURE AND METHOD FOR BUILDING A PIXEL WAVEGUIDE ON IMAGING DEVICES	n na standard († 1917) 1919 - Standard († 1917)	United States of America	11193450 2006800168256	Aug 1, 2005 May 12, 2006
2004-1355.00/CN	COLOR PIXELS WITH ANTI-BLOOMING ISOLATIO	Pending N	CHINA	200000 100200	

Copyright (c)2003 Foundation® LLC., All Rights Reserved.

Page43

PATENT REEL: 040468 FRAME: 0804

**RECORDED: 11/30/2016**