## 503587562 11/29/2015

## **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1
Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ZHIBIAO ZHOU	11/17/2015
Chen-Bin Lin	11/18/2015
Ding-Lung Chen	11/17/2015

### **RECEIVING PARTY DATA**

Name:	UNITED MICROELECTRONICS CORP.
Street Address:	No.3, Li-Hsin Road 2, Science-Based Industrial Park
City:	Hsin-Chu City
State/Country:	TAIWAN

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14953411

## **CORRESPONDENCE DATA**

**Fax Number:** (703)997-4517

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Email: Patent.admin.uspto.cr@naipo.com

Correspondent Name: WINSTON HSU Address Line 1: P.O.BOX 506

Address Line 4: MERRIFIELD, VIRGINIA 22116

ATTORNEY DOCKET NUMBER:	NAUP2625USA
NAME OF SUBMITTER:	KATE YEH
SIGNATURE:	/KATE YEH/
DATE SIGNED:	11/29/2015

### **Total Attachments: 6**

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PATENT REEL: 037162 FRAME: 0030

EPAS ID: PAT3634191

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PATENT REEL: 037162 FRAME: 0031

# COMBINE DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention:	
OPERATING METHOD OF IMAGE	SENSOR

As the below named inventor, I here This declaration is directed to:	eby declare that:			
☑ The attached application, or				
☐ United States application nu	mber	filed	on	, or
☐ PCT international application	n number	file	ed on	
The above-identified application was	s made or authorized	to be made by me.		
I believe that I am the original inventage application.	tor or an original joint	inventor of a claime	ed invention in the	hė
I hereby acknowledge that any willfuunder18 U.S.C. 1001 by fine or impr	Il false statement mad isonment of not more	de in this declaration than five (5) years	n is punishable , or both.	
In consideration of the payment by	UNITED MICROE	ELECTRONICS	having a post	al address of
No.3, Li-Hsin Road 2, Science	e-Based Industria	l Park, Hsin-Chu	_ ı City 300, Та	iwan, R.O.C.
(referred to as "ASSIGNEE"below) t acknowledged, andfor other good ar	o I of the sum of One nd valuable considera	Dollar (\$ 1.00), the tion.	receipt of which	n is hereby
I hereby sell, assign and transfer to the entire right, title and interest in a invention as above-identified application of substitutes, or extensions thereof, and	nd to any and all impi ation and, in and to, a r any continuations, c	ovements which ar Il Letters Patent to b ontinuation-in-part,	e disclosed in the obtained for some divisions, renew	ne said vals.
I hereby covenant that no assignme entered into which would conflict wit	nt, sale, agreement o h this assignment;	r encumbrance has	been or will be	made or
I further covenant that ASSIGNEE wand documents relating to said inverknown and accessible to I and will to related thereto and will promptly exercise.	ntion and said Letters estify as to the same i	Patent and legal ed n any interference.	quivalents as ma	av be
representatives any and all papers, maintain, issue and enforce said app equivalents thereof which may be no IN WINTNESS WHEREOF, I have h	olication, said inventic ecessary or desirable	on and said Letters to carry out the pro	Patent and said poses thereof.	Date of signing)
Note: An application data sheet (PTo inventive entity, must accompany the	O/SB/14 or equivalen is form. Use this form	t), including naming for <u>each additional</u>	the entire inventor.	

Page 1 of 6

## Docket No NAUP2625USA

LEGAL NAME OF INVENTOR(ASSIGNOR)				
Inventor:	ZHIBIAO ZHOU	Date:	17 NOV 2015	
Signature:	gren ZHIBIAO			

Page 2 of 6

F#NPO-P0002E-US1201 DSC0-104U013446

# COMBINE DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

## Title of Invention: OPERATING METHOD OF IMAGE SENSOR

As the below named inventor, I here This declaration is directed to:	by declare that:			
☑ The attached application, or				
☐ United States application nu	mber	filed o	on	, or
☐ PCT international application	number	file	ed on	
The above-identified application was	made or authorized	to be made by me.		
I believe that I am the original invent application.	or or an original joint	inventor of a claime	ed invention in the	
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	I false statement ma isonment of not more	de in this declaration e than five (5) years,	n is punishable or both.	
In consideration of the payment by	UNITED MICRO	ELECTRONICS	having a postal a	address of
No.3, Li-Hsin Road 2, Science	e-Based Industria	al Park, Hsin-Chu	u City 300, Taiw	an, R.O.C
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar	o I of the sum of One ad valuable consider	e Dollar (\$ 1.00), the ation.	receipt of which is	hereby
I hereby sell, assign and transfer to a the entire right, title and interest in a invention as above-identified applica invention by the above application of substitutes, or extensions thereof, an	nd to any and all imp ition and, in and to, a r any continuations, i	provements which ar all Letters Patent to t continuation-in-part,	e disclosed in the be obtained for said divisions, renewals	d s.
I hereby covenant that no assignment entered into which would conflict with	nt, sale, agreement on this assignment;	or encumbrance has	been or will be ma	ide or
I further covenant that ASSIGNEE wand documents relating to said inverknown and accessible to I and will to related thereto and will promptly exe	ntion and said Letters estify as to the same	s Patent and legal ed in any interference,	quivalents as may litigation proceedir	be
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be no IN WINTNESS WHEREOF, I have h	olication, said inventi ecessary or desirable	on and said Letters to carry out the pro	Patent and said poses thereof.	te of signing
Note: An application data sheet (PT0 inventive entity, must accompany thi				

Page 3 of 6

## Docket No NAUP2625USA

LLGAL IVA	WE OF INVENTOR(ASSIGNOR)				
Inventor:	Chen-Bin Lin	Date:	18	Nov	2015
Signature:	Chilin				

Page 4 of 6

F#NPO-P0002E-US1201

# COMBINE DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

## Title of Invention: OPERATING METHOD OF IMAGE SENSOR

As the below named inventor, I here This declaration is directed to:	eby declare that:		
☑ The attached application, or			
☐ United States application nu	ımber	filed on	, or
☐ PCT international application	n number	filed on	
The above-identified application was	s made or authorized to be made	e by me.	
I believe that I am the original inventapplication.	tor or an original joint inventor of	a claimed invention in	ı the
I hereby acknowledge that any willfuunder18 U.S.C. 1001 by fine or impi	Il false statement made in this drisonment of not more than five (	eclaration is punishable (5) years, or both.	е
In consideration of the payment by	UNITED MICROELECTRO	ONICS having a po	estal address of
No.3, Li-Hsin Road 2, Science	e-Based Industrial Park, H	sin-Chu City 300, 7	Гаiwan, R.O.C
(referred to as "ASSIGNEE"below) t acknowledged, andfor other good ar	o I of the sum of One Dollar (\$ 1 nd valuable consideration.	.00), the receipt of whi	ich is hereby
I hereby sell, assign and transfer to the entire right, title and interest in a invention as above-identified applica- invention by the above application of substitutes, or extensions thereof, a	and to any and all improvements ation and, in and to, all Letters P or any continuations, continuation	which are disclosed in atent to be obtained for n-in-part, divisions, rene	the r said ewals.
I hereby covenant that no assignme entered into which would conflict wit	nt, sale, agreement or encumbra	ance has been or will b	e made or
I further covenant that ASSIGNEE wand documents relating to said inverse known and accessible to I and will to related thereto and will promptly exercise.	ntion and said Letters Patent and estify as to the same in any inter	d legal equivalents as r ference, litigation proce	mav be
representatives any and all papers, maintain, issue and enforce said appequivalents thereof which may be no IN WINTNESS WHEREOF, I have h	plication, said invention and said ecessary or desirable to carry ou	Letters Patent and sa	iid f. _(Date of signing)
Note: An application data sheet (PT inventive entity, must accompany the	O/SB/14 or equivalent), including is form. Use this form for <u>each a</u>	g naming the entire	

Page 5 of 6

NPO#NAU-P2625-USA:0 CUST#UMCD-2015-0533

F#NPO-P0002E-US1201 DSC0-104U013446

## Docket No NAUP2625USA

LEGAL NAME OF INVENTOR(ASSIGNOR)				
Inventor:	Ding-Lung Chen	Date:	17 Nov 2015	
Signature:	Ding Lung Chen			

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F#NPO-P0002E-US1201 DSC0-104U013446

PATENT REEL: 037162 FRAME: 0037