### 504691587 12/17/2017

### **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4738308

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Ching-Pei Lin	12/14/2017
Chuang-Tse Wang	12/14/2017
Fa-Fu Hu	12/14/2017

#### **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:	15844617	

#### **CORRESPONDENCE DATA**

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

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.

**Phone:** 3027291562

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

Correspondent Name: WINSTON HSU

Address Line 1: 5F., NO.389, FUHE RD., YONGHE DIST.,

Address Line 4: NEW TAIPEI CITY, TAIWAN

ATTORNEY DOCKET NUMBER:	NAUP3199USA
NAME OF SUBMITTER:	KATE YEH
SIGNATURE:	/KATE YEH/
DATE SIGNED:	12/17/2017

#### **Total Attachments: 6**

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PATENT REEL: 044415 FRAME: 0498

## 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:

## AUTOMATIC INLINE DETECTION AND WAFER DISPOSITION SYSTEM AND METHOD FOR AUTOMATIC INLINE DETECTION AND WAFER DISPOSITION

As the below named inventor, I here this declaration is directed to:	by declare that:			
☑ The attached application, or				
☐ United States application nul	mber	filed o	on	_, <b>or</b>
☐ PCT international application	number	file	d on	
The above-identified application was	made or authorize	d to be made by me.		
I believe that I am the original invente application.	or or an original joir	nt inventor of a claime	d invention in the	
I hereby acknowledge that any willful under18 U.S.C. 1001 by fine or impri				
In consideration of the payment by	UNITED MICRO	ELECTRONICS	having a postal add	dress of
No.3, Li-Hsin Road 2, Science	-Based Industri	al Park, Hsin-Chu	City 300, Taiwar	n, R.O.C
(referred to as "ASSIGNEE" below) to acknowledged, andfor other good an	l of the sum of On d valuable conside	e Dollar (\$ 1.00), the ration.	receipt of which is he	ereby
I hereby sell, assign and transfer to A the entire right, title and interest in ar invention as above-identified applica invention by the above application or substitutes, or extensions thereof, ar	nd to any and all im tion and, in and to, rany continuations,	provements which are all Letters Patent to b continuation-in-part,	e disclosed in the be obtained for said divisions, renewals,	
I hereby covenant that no assignment entered into which would conflict with		or encumbrance has	been or will be made	∍ or
I further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to I and will testify as to the same in any interference, litigation proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal				
representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the proposes thereof.  IN WITNESS WHEREOF, I have hereunto set hand and seal this				
Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use this form for <u>each additional inventor.</u>				

Page 1 of 6

NPO#NAU-P3199-USA:0 CUST#UMCD-2017-0528

F#NPO-P0002E-US1201 DSB0-106U030549

### Docket No NAUP3199USA

LEGAL NAME OF INVENTOR(ASSIGNOR)					
Ching-Pei Lin	Date:	DEC 1 4 2017			
Ching-Per Lin					
	Ching-Pei Lin	Ching-Pei Lin Date:	Ching-Pei Lin Date: DEC 1 4 2017		

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☑ The attached application, or				
☐ United States application nu	mber	filed c	n	_, or
☐ PCT international application	number	file	d on	
The above-identified application was	made or authorized to be n	nade by me.		
I believe that I am the original invent application.	or or an original joint invento	or of a claime	d invention in the	
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr				
In consideration of the payment by	UNITED MICROELECT	<b>TRONICS</b>	having a postal a	ddress of
No.3, Li-Hsin Road 2, Science	-Based Industrial Park	, Hsin-Chu	City 300, Taiwa	an, R.O.C
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar		(\$ 1.00), the	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 improvemention and, in and to, all Lette r any continuations, continu	ents which are rs Patent to b ation-in-part,	e disclosed in the be obtained for said divisions, renewals	j <b>,</b>
I hereby covenant that no assignmentered into which would conflict wit		mbrance has	been or will be mad	de 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 Paten estify as to the same in any i	t and legal ed interference, l	quivalents as may b litigation proceeding	е
representatives any and all papers, maintain, issue and enforce said appequivalents thereof which may be no IN WITNESS WHEREOF, I have he	olication, said invention and ecessary or desirable to carr	said Letters F ry out the pro	Patent and said poses thereof.	of signing)
Note: An application data sheet (PTo inventive entity, must accompany the				

Page 3 of 6

NPO#NAU-P3199-USA:0 CUST#UMCD-2017-0528 F#NPO-P0002E-US1201 DSB0-106U030549

#### Docket No NAUP3199USA

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: (

**Chuang-Tse Wang** 

Date:

DEC 1 4 2017

Signature:

Chrony-Tse Wang

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## 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:

## AUTOMATIC INLINE DETECTION AND WAFER DISPOSITION SYSTEM AND METHOD FOR AUTOMATIC INLINE DETECTION AND WAFER DISPOSITION

This declaration is directed to:	by declare that:			
☑ The attached application, or				
☐ United States application number		filed on		, or
☐ PCT international application	number	filed o	n	-
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 claimed in	vention in	the
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	I false statement made in this de isonment of not more than five (	eclaration is p 5) years, or l	ounishable ooth.	е
In consideration of the payment by	UNITED MICROELECTRO CORP.	NICS ha	aving a po	stal address of
No.3, Li-Hsin Road 2, Science	e-Based Industrial Park, Hs	sin-Chu Ci	ty 300, 1	「aiwan, R.O.C
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar		00), the rece	eipt of whi	ch 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 improvements wition and, in and to, all Letters Par r any continuations, continuation	which are dis atent to be of -in-part, divis	sclosed in otained fo sions, ren	the r said ewals,
I hereby covenant that no assignment entered into which would conflict with	nt, sale, agreement or encumbra h this assignment;	nce has bee	n or will b	e made or
I further covenant that ASSIGNEE w and documents relating to said inver known and accessible to I and will to related thereto and will promptly exe	ntion and said Letters Patent and estify as to the same in any interf	l legal equiva erence, litiga	alents as i	may be
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be no IN WITNESS WHEREOF, I have he	olication, said invention and said ecessary or desirable to carry out	Letters Pate	ent and sa	id f. Date of signing)
Note: An application data sheet (PTC inventive entity, must accompany this				

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NPO#NAU-P3199-USA:0 CUST#UMCD-2017-0528 F#NPO-P0002E-US1201 DSB0-106U030549

### Docket No NAUP3199USA

LEGAL NAI	WE OF INVENTOR(ASSIG	NOR)	
Inventor:	Fa-Fu Hu	Date:	DEC 1 4 2017
Signature:	Fa- Fu p	fu.	

6 of (

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F#NPO-P0002E-US1201 DSB0-106U030549

NPO#NAU-P3199-USA:0 CUST#UMCD-2017-0528

**RECORDED: 12/17/2017** 

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