## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4476553

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Yi-Ching Chang	06/20/2017
Feng-Yi Chang	06/20/2017
Fu-Che Lee	06/20/2017
Chieh-Te Chen	06/20/2017

#### **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
Name:	FUJIAN JINHUA INTEGRATED CIRCUIT CO., LTD.
Street Address:	6TH FLOOR, PODIUM OF ELECTRIC POWER COMPANY BUILDING, MEILING STREET, JINJIANG CITY
City:	QUANZHOU CITY, FUJIAN PROVINCE
State/Country:	CHINA

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15632394

#### 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.

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Correspondent Name: WINSTON HSU

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ATTORNEY DOCKET NUMBER:	NAUP3006USA
NAME OF SUBMITTER:	SIBYL YU
SIGNATURE:	/SIBYL YU/
DATE SIGNED:	06/26/2017

PATENT 504429853 REEL: 042808 FRAME: 0082

Total Attachments: 8	
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PATENT REEL: 042808 FRAME: 0083

#### Title of Invention:

## SEMICONDUCTOR DEVICE AND METHOD FOR FABRICATING THE SAME

As the below named inventor, I here This declaration is directed to:	eby declare that:		
☑ The attached application, or	r		
☐ United States application no	umber	filed on	, or
☐ PCT international applicatio	filed on		
The above-identified application was	s made or authorized to be ma	ade by me.	
I believe that I am the original invent application.	tor or an original joint inventor	of a claimed invention in	the
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	Il false statement made in this isonment of not more than five	declaration is punishable (5) years, or both.	e
In consideration of the payment by	UNITED MICROELECTS	RONICS having a po	stal address of
No.3, Li-Hsin Road 2, Science	e-Based Industrial Park,	Hsin-Chu City 300, 1	Γaiwan, R.O.C.
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar	o I of the sum of One Dollar (\$ nd valuable consideration.	\$ 1.00), the receipt of whi	ich is hereby
In consideration of the payment by	Fujian Jinhua Integrate Co., Ltd.	d Circuit having a po	stal address of
6th floor, Podium of electric p Quanzhou City, Fujian provin	oower company building ce 362200, P.R.C.	յ, Meiling street, Jinj	iang city,
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar	o I of the sum of One Dollar (\$ nd valuable consideration.	1.00), the receipt 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, ar	nd to any and all improvemen ation and, in and to, all Letters r any continuations, continuati	ts which are disclosed in Patent to be obtained fo ion-in-part, divisions, ren	the r said ewals.
I hereby covenant that no assignmen entered into which would conflict witl	nt, sale, agreement or encumb h this assignment;	brance has been or will b	e made or
I further covenant that ASSIGNEE wand documents relating to said inver known and accessible to I and will te related thereto and will promptly exe	ntion and said Letters Patent a estify as to the same in any int	and legal equivalents as i terference, litigation proc	may be

Page 1 of 8

NPO#NAU-P3006-USA:0 CUST#UMCF-2017-0001

Docket No NAUP3006USA

maintain, i equivalent	tives any and all papers, instruments or affi ssue and enforce said application, said inve s thereof which may be necessary or desira ESS WHEREOF, I have hereunto set hand	ention and sai able to carry o	d Letters Patent and saut the proposes thereo	f.
Note: An a inventive e	pplication data sheet (PTO/SB/14 or equiva ntity, must accompany this form. Use this fo	ilent), includir orm for <u>each</u> :	ng naming the entire additional inventor.	
LEGAL NA	ME OF INVENTOR(ASSIGNOR)  Yi-Ching Chang	Date:	JUN 2 0 2017	
Signature:	Yi-Ching Chang		July 2 0 2011	

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NPO#NAU-P3006-USA:0 CUST#UMCF-2017-0001

#### Title of Invention:

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As the below named inventor, I here This declaration is directed to:	by declare that:			
The attached application, or				
☐ United States application nu	ımber	filed o	on	, or
☐ PCT international applicatio	n number	file	d 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	d invention in the	
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	I false statement mad isonment of not more	le in this declaration than five (5) years,	is punishable or both.	
In consideration of the payment by	UNITED MICROE	LECTRONICS	having a postal	address of
No.3, Li-Hsin Road 2, Science	-Based Industria	Park, Hsin-Chu	City 300, Taiw	an, R.O.C.
(referred to as "ASSIGNEE" below) to acknowledged, andfor other good an	o I of the sum of One ad valuable considera	Dollar (\$ 1.00), the tion.	receipt of which is	hereby
In consideration of the payment by	Fujian Jinhua Int Co., Ltd.	egrated Circuit	having a postal a	address of
6th floor, Podium of electric p Quanzhou City, Fujian provinc	ower company b ce 362200, P.R.C	uilding, Meiling	street, Jinjianç	g city,
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good an	o I of the sum of One d valuable considera	Dollar (\$ 1.00), the tion.	receipt of which is	hereby
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 impr tion and, in and to, al any continuations, c	ovements which are I Letters Patent to b ontinuation-in-part, o	e disclosed in the e obtained for said divisions, renewal	ď s.
I hereby covenant that no assignment entered into which would conflict with	nt, sale, agreement on this assignment;	encumbrance has	been or will be ma	ade or
I further covenant that ASSIGNEE w and documents relating to said inven- known and accessible to I and will te related thereto and will promptly execu-	ition and said Letters stify as to the same i	Patent and legal eq any interference, l	uivalents as may itigation proceedir	be

Page 3 of 8

NPO#NAU-P3006-USA:0 CUST#UMCF-2017-0001

#### Docket No NAUP3006USA

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 WINTNESS WHEREOF, I have hereunto set hand and seal this

ILIN 2 0 2017 (Date of signing)

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>

Inventor: Feng-Yi Chang

Date: JUN 2 0 2017

Signature: Feng-Yi ( hang

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NPO#NAU-P3006-USA:0 CUST#UMCF-2017-0001 F#NPO-P0002E-US1201 DSB0-106U006219

PATENT REEL: 042808 FRAME: 0087

#### Title of Invention:

### SEMICONDUCTOR DEVICE AND METHOD FOR FABRICATING THE SAME

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 on	, or
☐ PCT international application	n number	filed on	
The above-identified application was	made or authorized to be	e made by me.	
I believe that I am the original invente application.	or or an original joint inve	ntor of a claimed inventio	on in the
I hereby acknowledge that any willful under18 U.S.C. 1001 by fine or impri	I false statement made in isonment of not more than	this declaration is punish n five (5) years, or both.	nable
In consideration of the payment by	UNITED MICROELEC	CTRONICS having a	a postal address of
No.3, Li-Hsin Road 2, Science	-Based Industrial Pa	rk, Hsin-Chu City 30	0, Taiwan, R.O.C.
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good an	o I of the sum of One Dolla d valuable consideration.	ar (\$ 1.00), the receipt of	which is hereby
	Fujian Jinhua Integra Co., Ltd.	ated Circuit having a	a postal address of
6th floor, Podium of electric p Quanzhou City, Fujian provinc	ower company build ce 362200, P.R.C.	ing, Meiling street, J	linjiang city,
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good an	ol of the sum of One Dolla d valuable consideration.	ar (\$ 1.00), the receipt of	which is hereby
I hereby sell, assign and transfer to A the entire right, title and interest in an invention as above-identified application or substitutes, or extensions thereof, an	nd to any and all improven tion and, in and to, all Lett any continuations, contin	nents which are disclosed ters Patent to be obtained uation-in-part, divisions,	d in the d for said renewals,
I hereby covenant that no assignment entered into which would conflict with	nt, sale, agreement or enc n this assignment;	umbrance has been or w	vill be made or
I further covenant that ASSIGNEE wi and documents relating to said inven known and accessible to I and will te- related thereto and will promptly exec	tion and said Letters Pate stify as to the same in any	ent and legal equivalents / interference, litigation p	as may be

Page 5 of 8

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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 WINTNESS WHEREOF, I have hereunto set hand and seal this 1UN 2 0 2017 (Date of signing)

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use this form for each additional inventor.

Inventor: Fu-Che Lee Date: JUN 2 0 2017

Signature: Fu-Che Lee

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NPO#NAU-P3006-USA:0 CUST#UMCF-2017-0001

#### Title of Invention:

## SEMICONDUCTOR DEVICE AND METHOD FOR FABRICATING THE SAME

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☑ The attached application, o	r			
☐ United States application no	umber	filed	l on	, or
☐ PCT international application	on number		led on	
The above-identified application was	s made or authorized	to be made by me	) <b>.</b>	
I believe that I am the original inventage application.	tor or an original joint	inventor of a claim	ned invention in th	ne
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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-Ch	u City 300, Ta	iwan, R.O.C.
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good are	o I of the sum of One nd valuable considera	Dollar (\$ 1.00), th	e receipt of which	is hereby
In consideration of the payment by	Fujian Jinhua In Co., Ltd.	tegrated Circui	t having a post	al address of
6th floor, Podium of electric բ Quanzhou City, Fujian provin	oower company b ice 362200, P.R.C	uilding, Meiling	g street, Jinjia	ng city,
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar	o I of the sum of One nd valuable considera	Dollar (\$ 1.00), the	e receipt of which	n 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 o substitutes, or extensions thereof, an	nd to any and all imp ation and, in and to, a r any continuations, c	rovements which a Il Letters Patent to continuation-in-part	are disclosed in the be obtained for s t, divisions, renew	ne said vals,
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IN WINTNE	ESS WHEREOF, I hav	e hereunto set hand a	and seal this	JUN 20	2017	(Date of signing)
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LEGAL NAI	ME OF INVENTOR(AS	SSIGNOR)	Date:		<sub>~</sub> ግስፋኝ	
- Signature:	Chieh-To	Chen	******	S NUL	) Zuit	

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