### 506071987 05/22/2020

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6118702

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
WEI PANG	05/19/2020
Jing Feng	05/19/2020
XIAOHONG JIANG	05/19/2020
CHING HWA TEY	04/24/2020

#### **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:	16881020

### **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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Correspondent Name: WINSTON HSU

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ATTORNEY DOCKET NUMBER:	NAUP3631USA
NAME OF SUBMITTER:	KATE YEH
SIGNATURE:	/KATE YEH/
DATE SIGNED:	05/22/2020

### **Total Attachments: 8**

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> PATENT REEL: 052730 FRAME: 0849

506071987



## Title of Invention: METHOD FOR STABILIZING BANDGAP VOLTAGE

As the below named inventor, I here	by declare that:		
This declaration is directed to:			
☑ The attached application, or			
□ United States application nu	mber	filed on	, or
☐ PCT international application	number	filed on	
The above-identified application was	made or authorized to be made	e by me.	
I believe that I am the original invent application.	or or an original joint inventor of	f a claimed inve	ention in the
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr			
In consideration of the payment by	UNITED MICROELECTRO	ONICS hav	ing a postal address of
No.3, Li-Hsin Road 2, Science	e-Based Industrial Park, H	sin-Chu City	300, Taiwan, R.O.C
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar		.00), the receip	ot 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 o substitutes, or extensions thereof, an	nd to any and all improvements ition and, in and to, all Letters P r any continuations, continuation	which are disc atent to be obta n-in-part, division	losed in the ained for said ons, renewals,
I hereby covenant that no assignme entered into which would conflict wit		ance 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 Patent an estify as to the same in any inter	d legal equivale ference, litigati	ents as 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 or	I Letters Paten It the proposes	t and said thereof.
Note: An application data sheet (PTo inventive entity, must accompany this	O/SB/14 or equivalent), including is form. Use this form for <u>each a</u>	g naming the e	ntire tor.

Page 1 of 8

NPO#NAU-P3631-USA:0 CUST#UMCD-2020-0014

LEGAL NAP	ME OF INVENTOR(ASSIGNOR)					
Inventor:	WEI PANG	Date:	MAY	1 9	2020	
Signature:	Pangulei					

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NPO#NAU-P3631-USA:0 CUST#UMCD-2020-0014 F#NPO-P0002E-US1201 DSB0-109U007499

## Title of Invention: METHOD FOR STABILIZING BANDGAP VOLTAGE

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	s made or authorized to be made b	y me.	
I believe that I am the original invent application.	or or an original joint inventor of a	claimed invention in	n the
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	Il false statement made in this declisonment of not more than five (5)	aration is punishabl years, or both.	le
In consideration of the payment by	UNITED MICROELECTRON CORP.	ICS having a po	ostal address of
No.3, Li-Hsin Road 2, Science	e-Based Industrial Park, Hsii	n-Chu City 300,	Taiwan, R.O.C
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar	o I of the sum of One Dollar (\$ 1.00 nd valuable consideration.	D), the receipt of whi	ich 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 improvements whition and, in and to, all Letters Pater r any continuations, continuation-in	nich are disclosed in ent to be obtained fo n-part, divisions, ren	n the or saïd newals.
I hereby covenant that no assignme entered into which would conflict wit	nt, sale, agreement or encumbrand h this assignment;	ce has been or will b	oe 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 Patent and le estify as to the same in any interfer	egal equivalents as rence, litigation proc	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 Lecessary or desirable to carry out t	etters Patent and sa he proposes thereof	f.
Note: An application data sheet (PT	O/SB/14 or equivalent), including r	aming the entire	

Page 3 of 8

inventive entity, must accompany this form. Use this form for each additional inventor.

NPO#NAU-P3631-USA:0 CUST#UMCD-2020-0014

LEGAL NAME OF INVENTOR(ASSIGNOR)					
Inventor:	Jing Feng	Date:	MAY 1	L 9 2	020
Signature:	Feng Ding				

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NPO#NAU-P3631-USA:0 CUST#UMCD-2020-0014 F#NPO-P0002E-US1201 DSB0-109U007499

## Title of Invention: METHOD FOR STABILIZING BANDGAP VOLTAGE

As the below named inventor, I here This declaration is directed to:  The attached application, or	by declare that:			
☐ United States application nu	mber	filed on	, or	
☐ PCT international application	number	filed on	·····	
The above-identified application was	made or authorized to be made b	y me.		
I believe that I am the original invent application.	or 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	I false statement made in this dec isonment of not more than five (5)	laration is punishable years, or both.		
In consideration of the payment by	UNITED MICROELECTRON CORP.	IICS having a postal a	address of	
No.3, Li-Hsin Road 2, Science	-Based Industrial Park, Hsi	n-Chu City 300, Taiw	an, R.O.C	
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good an		0), 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 applica invention by the above application of substitutes, or extensions thereof, ar	nd to any and all improvements wh tion and, in and to, all Letters Pate any continuations, continuation-in	hich are disclosed in the ent to be obtained for said n-part, divisions, renewals	I 5.	
I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;				
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, i maintain, issue and enforce said app equivalents thereof which may be ne IN WITNESS WHEREOF, I have her	olication, said invention and said L ecessary or desirable to carry out t	etters Patent and said he proposes thereof.		

Page 5 of 8

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.

NPO#NAU-P3631-USA:0 CUST#UMCD-2020-0014

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: XIAOHONG JIANG Date: MAY 1 9 2020

Signature: Jiang Xiaohong

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NPO#NAU-P3631-USA:0 CUST#UMCD-2020-0014

F#NPO-P0092E-US1201 DSB0-109U007499

## Title of Invention: METHOD FOR STABILIZING BANDGAP VOLTAGE

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	number	filed on	
The above-identified application was	made or authorized to be made t	oy me.	
I believe that I am the original invent application.	or or an original joint inventor of a	claimed invention in	ı the
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	I false statement made in this dec isonment of not more than five (5)	laration is punishabl years, or both.	e
In consideration of the payment by	UNITED MICROELECTRON CORP.	IICS having a po	ostal address of
No.3, Li-Hsin Road 2, Science	-Based Industrial Park, Hsi	n-Chu City 300,	Taiwan, R.O.C
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar	o I of the sum of One Dollar (\$ 1.0 ad valuable consideration.	0), the receipt of whi	ich 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 improvements wi tion and, in and to, all Letters Pate rany continuations, continuation-i	hich are disclosed in ent to be obtained fo n-part, divisions, ren	the r said ewals,
I hereby covenant that no assignment entered into which would conflict with		ce has been 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 te related thereto and will promptly exe	ntion and said Letters Patent and I estify as to the same in any interfe	egal equivalents as rence, litigation proc	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 her	olication, said invention and said L ecessary or desirable to carry out t	etters Patent and sa the proposes thereof	f.
Note: An application data sheet (PTG	D/SB/14 or equivalent), including r	naming the entire	

Page 7 of 8

inventive entity, must accompany this form. Use this form for each additional inventor.

NPO#NAU-P3631-USA:0 CUST#UMCD-2020-0014

LEGAL NAME OF INVENTOR (ASSIGNOR)

Inventor: CHING HWA TEY

Date: 24 Apr 202 (
Signature: TEY (475) & HUA (MIL)

NPO#NAU-P3631-USA:0 CUST#UMCD-2020-0014

**RECORDED: 05/22/2020** 

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F#NPO-P0002E-US1201 DSB0-109U007499