## 505660168 09/08/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Da-Jun Lin	09/03/2019
Tai-Cheng Hou	09/03/2019
Bin-Siang Tsai	09/03/2019
Ting-An Chien	09/03/2019

#### **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:	16563924

#### **CORRESPONDENCE DATA**

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Address Line 4: NEW TAIPEI CITY, TAIWAN

ATTORNEY DOCKET NUMBER:	NAUP3495USA
NAME OF SUBMITTER:	KATE YEH
SIGNATURE:	/KATE YEH/
DATE SIGNED:	09/08/2019

## **Total Attachments: 8**

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PATENT REEL: 050303 FRAME: 0603

EPAS ID: PAT5706973

505660168



# 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 applicatio	n number	filed on	
The above-identified application was	made or authorized to be made to	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 ad	dress of
No.3, Li-Hsin Road 2, Science	-Based Industrial Park, Hsi	n-Chu City 300, Taiwa	n, R.O.C
(referred to as "ASSIGNEE"below) to acknowledged, and for other good an	o I of the sum of One Dollar (\$ 1.0 d valuable consideration.	0), the receipt of which is h	ereby
I hereby sell, assign and transfer to ASSIGNEE and the successors and assignees of the ASSIGNEE the entire right, title and interest in and to any and all improvements which are disclosed in the invention as above-identified application and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuations, continuation-in-part, divisions, renewals, substitutes, or extensions thereof, and as to Letters Patent any reissue or re-examination thereof.			
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	dication, said invention and said L dessary or desirable to carry out t	etters Patent and said he proposes thereof.	
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.			

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NPO#NAU-P3495-USA:0 CUST#UMCD-2019-0139

LEGAL NAME OF INVENTOR(ASSIGNOR)				
Inventor:	Da-Jun Lin	Date:	SEP 0 3 2019	
Signature:	Da Jun	Lin		

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NPO#NAU-P3495-USA:0 CUST#UMCD-2019-0139

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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, 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 on the date(s) indicated.				
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NPO#NAU-P3495-USA:0 CUST#UMCD-2019-0139

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor:

Tai-Cheng Hou

Date:

SEP 0 3 2019

Signature:

Tai-Cheng Hou

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F#NPO-P0002E-US1201 DSB0-108U020182

NPO#NAU-P3495-USA:0 CUST#UMCD-2019-0139

## Title of Invention:

## SEMICONDUCTOR DEVICE AND METHOD FOR FABRICATING THE SAME

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The above-identified application was n	nade or authorized to be made	by me.	
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I hereby acknowledge that any willful founder 18 U.S.C. 1001 by fine or imprison	alse statement made in this deconment of not more than five (5	claration is punishable ) years, or both.	
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NPO#NAU-P3495-USA:0 CUST#UMCD-2019-0139

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor:

Bin-Siang Tsai

Date:

SEP 0 3 2019

Signature:

BA-Stang Tsai

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F#NPO-P0002E-US1201 DSB0-108U020182

NPO#NAU-P3495-USA:0 CUST#UMCD-2019-0139

#### Title of Invention:

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LEGAL NAME OF INVENTOR(ASSIGNOR)				
Inventor:	Ting-An Chien	Date:	SEP 0 3 2019	
Signature:	Ting-An Chien			
	0			

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**RECORDED: 09/08/2019** 

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F#NPO-P0002E-US1201 DSB0-108U020182