### 506603475 04/12/2021

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6650280

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Cheng-Hua Yang	04/07/2021
Chih-Chien Chang	04/07/2021
Shen-De Wang	04/07/2021

### **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:	17227392

#### **CORRESPONDENCE DATA**

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Address Line 4: NEW TAIPEI CITY, TAIWAN

ATTORNEY DOCKET NUMBER:	NAUP3819USA
NAME OF SUBMITTER:	SIBYL YU
SIGNATURE:	/SIBYL YU/
DATE SIGNED:	04/12/2021

### **Total Attachments: 6**

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PATENT REEL: 055885 FRAME: 0460

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PATENT REEL: 055885 FRAME: 0461

# 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: SEMICONDUCTOR DEVICE

As the below named inventor, I here This declaration is directed to:	eby declare that:		
The attached application, o	r		
☐ United States application number		filed on	, or
☐ PCT international application	on number	filed on	,
The above-identified application was	s made or authorized to be made	de by me.	
I believe that I am the original invenapplication.	tor or an original joint inventor o	of a claimed invention	າ in the
I hereby acknowledge that any willfuunder18 U.S.C. 1001 by fine or impo	Il false statement made in this or is onment of not more than five	declaration is punisha (5) years, or both.	able
In consideration of the payment by	UNITED MICROELECTRO	ONICS having a	postal address of
No.3, Li-Hsin Road 2, Science	e-Based Industrial Park, H	lsin-Chu City 300	), Taiwan, R.O.C
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good are	0 Lof the sum of One Dollar (\$		
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 tion and, in and to, all Letters F cany continuations, continuation	which are disclosed Patent to be obtained	l in the for said
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, in maintain, issue and enforce said app equivalents thereof which may be ne IN WITNESS WHEREOF, I have her	nstruments or affidavits require dication, said invention and said cessary or desirable to carry or	d to apply for, obtain d Letters Patent and	said
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-P3819-USA:0 CUST#UMCD-2020-0527

F#NPO-P0002E-US1201 DSB0-110U002365

### Docket No NAUP3819USA

LEGAL NA	ME OF INVENTOR(ASSIGNOR)		
Inventor:	Cheng-Hua Yang	Date:	APR 07. 2021
Signature:	Cheng Hua Yang		

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NPO#NAU-P3819-USA:0 CUST#UMCD-2020-0527

F#NPO-P0002E-US1201 DSB0-110U002365

PATENT REEL: 055885 FRAME: 0463

# 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: SEMICONDUCTOR DEVICE

As the below named inventor, I here This declaration is directed to:	by declare that:		
The attached application, or	•		
☐ United States application number		filed on	, or
☐ PCT international application	n 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 impri	I false statement made in this declisonment of not more than five (5)	aration is punishable years, or both.	
In consideration of the payment by	UNITED MICROELECTRON CORP.	ICS having a postal add	ress of
No.3, Li-Hsin Road 2, Science	-Based Industrial Park, Hsir	 า-Chu City 300, Taiwan	, R.O.C
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good an	o I of the sum of One Dollar (\$ 1.00 d valuable consideration.	)), the receipt of which is he	reby
I hereby sell, assign and transfer to A the entire right, title and interest in ar invention as above-identified application or substitutes, or extensions thereof, an	nd to any and all improvements whition and, in and to, all Letters Paters any continuations, continuation-in	ich are disclosed in the int to be obtained for said	EE
I hereby covenant that no assignment entered into which would conflict with	nt, sale, agreement or encumbrand n this assignment;	e 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, in maintain, issue and enforce said app equivalents thereof which may be ne IN WITNESS WHEREOF, I have her	lication, said invention and said Le	etters Patent and said	
Note: An application data sheet (PTC inventive entity, must accompany this	D/SB/14 or equivalent), including n s form. Use this form for <u>each addi</u>	aming the entire tional inventor.	

Page 3 of 6

NPO#NAU-P3819-USA:0 CUST#UMCD-2020-0527

F#NPO-P0002E-US1201 DSB0-110U002365

### Docket No NAUP3819USA

LEGAL NAME OF INVENTOR(ASSIGNOR)					
Inventor:	Chih-Chien Chang	Date:	APR 02. 2021		
Signature:	Chip Chin Changy				

NPO#NAU-P3819-USA:0

CUST#UMCD-2020-0527

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F#NPO-P0002E-US1201 DSB0-110U002365

PATENT REEL: 055885 FRAME: 0465

# 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: SEMICONDUCTOR DEVICE

As the below named inventor, I here This declaration is directed to:	eby declare that:			
The attached application, o	r			
☐ United States application number		filed on	,	or
☐ PCT international application	on 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 inventage.	tor 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	ıl false statement made in this do risonment of not more than five (	eclaration is pu (5) years, or bo	nishable th.	
In consideration of the payment by	UNITED MICROELECTRO	ONICS havi	ng a postal addr	ess of
No.3, Li-Hsin Road 2, Science	e-Based Industrial Park, Hs	sin-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			
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 or substitutes, or extensions thereof, an	nd to any and all improvements to tion and, in and to, all Letters Pa (any continuations, continuations)	which are disclo atent to be obta	osed in the ined for said	Ε
I hereby covenant that no assignmer entered into which would conflict with	nt, sale, agreement or encumbra n this assignment;	nce has been o	or will be made o	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, in maintain, issue and enforce said app equivalents thereof which may be ne IN WITNESS WHEREOF, I have her	lication, said invention and said cessary or desirable to carry out	Letters Patent	and said	
Note: An application data sheet (PTC inventive entity, must accompany this	D/SB/14 or equivalent), including s form. Use this form for <u>each ad</u>	naming the en Iditional invento	tire or.	

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NPO#NAU-P3819-USA:0 CUST#UMCD-2020-0527

F#NPO-P0002E-US1201 DSB0-110U002365

### Docket No NAUP3819USA

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: Shen-De Wang

Date: APR 07. 202/

Signature: Sh the De Wang

NPO#NAU-P3819-USA:0 CUST#UMCD-2020-0527 Page 6 of 6

F#NPO-P0002E-US1201 D8B0-110U002365

PATENT REEL: 055885 FRAME: 0467

**RECORDED: 04/12/2021**