### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6483528

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Chih-Wei Chang	12/31/2020
Yao-Hsien Chung	12/31/2020
Shih-Wei Su	12/31/2020
Hao-Hsuan Chang	12/31/2020
Da-Jun Lin	12/31/2020
Ting-An Chien	12/31/2020
Bin-Siang Tsai	12/31/2020

#### **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:	17143135

#### **CORRESPONDENCE DATA**

Fax Number:

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

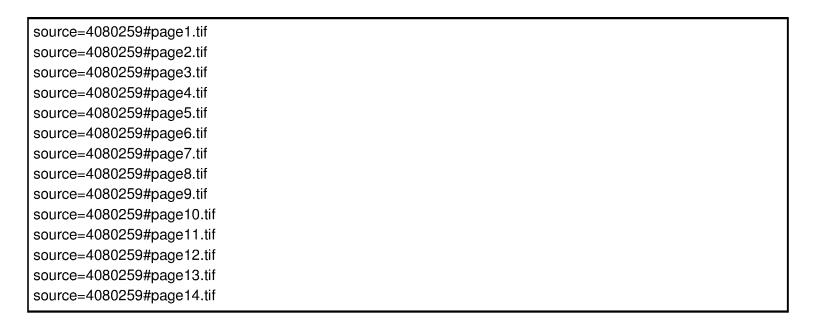
Address Line 1: 5F., NO.389, FUHE RD., YONGHE DIST.,

Address Line 4: NEW TAIPEI CITY, TAIWAN

ATTORNEY DOCKET NUMBER:	NAUP3743USA
NAME OF SUBMITTER:	SIBYL YU
SIGNATURE:	/SIBYL YU/
DATE SIGNED:	01/06/2021

**Total Attachments: 14** 

PATENT REEL: 054836 FRAME: 0291



PATENT REEL: 054836 FRAME: 0292

### Title of Invention: HEMT AND METHOD OF FABRICATING THE SAME

As the below named inventor, I here This declaration is directed to:	eby declare that:		
The attached application, o	r		
☐ United States application no	umber	filed on	, or
☐ PCT international application	on number	filed on	_
The above-identified application was	s made or authorized to be made	by me.	
I believe that I am the original inventapplication.	tor or an original joint inventor of a	ı 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 dec isonment of not more than five (5)	plaration is punishable ) years, or both.	
In consideration of the payment by	UNITED MICROELECTRON CORP.	NICS having a postal add	dress of
No.3, Li-Hsin Road 2, Science	e-Based Industrial Park, Hsi	n-Chu City 300, Taiwar	n, R.O.C
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar	o I of the sum of One Dollar (\$ 1.0		
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 w tion and, in and to, all Letters Pate r any continuations, continuation-i	hich are disclosed in the ent to be obtained for said n-part, divisions, renewals	NEE
l hereby covenant that no assignmer entered into which would conflict with	nt, sale, agreement or encumbran n this assignment;	ce has been or will be made	e 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	ition and said Letters Patent and I stify as to the same in any interfer	egal equivalents as may be	cts
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be ne IN WITNESS WHEREOF, I have her	lication, said invention and said L cessary or desirable to carry out t	etters Patent and said	
Note: An application data sheet (PTC nventive entity, must accompany this	D/SB/14 or equivalent), including r s form. Use this form for <u>each add</u>	naming the entire litional inventor.	

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F#NPO-P0002E-US1201

LEGAL NA	ME OF INVENTOR (ASSIGNOR)						
Inventor:	Chih-Wei Chang	Date:	DEC	3	1	2020	
Signature:	Chik-Wei Chang						
	X						

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NPO#NAU-P3743-USA:0 CUST#UMCD-2020-0365

### Title of Invention:

HEMT AND METHOD OF FABRICATING THE SAME

As the below named inventor, I here This declaration is directed to:	by declare that:			
The attached application, o	r			
☐ United States application nu	umber	filed or	ו	, or
☐ PCT international application	n number	filed	on	·
The above-identified application was	made or authorized to be made l	by me.	***************************************	
I believe that I am the original inventapplication.	or or an original joint inventor of a	claimed	invention in th	е
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)	claration i ) years, o	s punishable r both.	
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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, ar	nd to any and all improvements whition and, in and to, all Letters Pate any continuations, continuationals	hich are o ent to be	disclosed in the obtained for sa	e aid
l hereby covenant that no assignmer entered into which would conflict with	nt, sale, agreement or encumbrand n this assignment;	ce has be	een or will be n	nade or
I further covenant that ASSIGNEE wand documents relating to said inven known and accessible to I and will te related thereto and will promptly exec	ition and said Letters Patent and lostify as to the same in any interfer	egal equi	valents as may	v be
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be ne IN WITNESS WHEREOF, I have her	lication, said invention and said Locessary or desirable to carry out t	etters Pa	tent 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 add</u>	aming th	e entire ventor.	

Page 3 of 14

NPO#NAU-P3743-USA:0 CUST#UMCD-2020-0365

LEGAL NA	ME OF INVENTOR(ASSIGNOR)		
Inventor:	Yao-Hsien Chung	Date:	DEC 3 1 2020
Signature:	精和竞	<del></del>	
	Vao-Hren Chuny		

Page 4 of 14

NPO#NAU-P3743-USA:0 CUST#UMCD-2020-0365

#### Title of Invention:

HEMT AND METHOD OF FABRICATING THE SAME

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☐ PCT international application	n number	filed on	
The above-identified application was	made or authorized to be made	by me.	
I believe that I am the original invente application.	or or an original joint inventor of a	claimed invention in the	
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(referred to as "ASSIGNEE"below) to acknowledged, andfor other good an	l of the sum of One Dollar (\$ 1.0 d valuable consideration.	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 application or substitutes, or extensions thereof, an	nd to any and all improvements w tion and, in and to, all Letters Pat any continuations, continuation-i	hich are disclosed in the ent to be obtained for said n-part, divisions, renewals	
I hereby covenant that no assignment entered into which would conflict with	it, sale, agreement or encumbran i this assignment;	ce has been or will be made or	
I further covenant that ASSIGNEE wi and documents relating to said inven- known and accessible to I and will tes related thereto and will promptly exec	tion and said Letters Patent and I stify as to the same in any interfe	egal equivalents as may be	
representatives any and all papers, ir maintain, issue and enforce said appl equivalents thereof which may be need IN WITNESS WHEREOF, I have here	lication, said invention and said L cessary or desirable to carry out t	etters Patent and said	
Note: An application data sheet (PTC inventive entity, must accompany this	o/SB/14 or equivalent), including r form. Use this form for <u>each ado</u>	naming the entire litional inventor.	

Page 5 of 14

LEGAL NAI	ME OF INVENTOR(A)	SSIGNOR)			
Inventor:	Shih-Wei Su		Date:	DEC 3 1 2020	
Signature:	Shih-Wu	ζu			

Page 6 of 14

NPO#NAU-P3743-USA:0 CUST#UMCD-2020-0365

### Title of Invention:

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l hereby covenant that no assignmer entered into which would conflict with	nt, sale, agreement or encumbrand n this assignment;	ce has been or will be 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 and lessify as to the same in any interfer	egal equivalents as may be	:ts
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 Lecessary or desirable to carry out t	etters Patent and said	
Note: An application data sheet (PTC inventive entity, must accompany thi	D/SB/14 or equivalent), including n s form. Use this form for <u>each add</u>	aming the entire itional inventor.	

Page 7 of 14

NPO#NAU-P3743-USA:0 CUST#UMCD-2020-0365

LEGAL NA	ME OF INVENTOR(ASSIGNOR)		
Inventor:	Hao-Hsuan Chang	Date:	DEC 3 1 2020
Signature:	Hao-Hsuan Chang		

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F#NPO-P0002E-US1201 DSB0-109U036781

NPO#NAU-P3743-USA:0 CUST#UMCD-2020-0365

### Title of Invention:

### HEMT AND METHOD OF 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	ımber	filed on	, or
☐ PCT international application	n number	filed on	
The above-identified application was	made or authorized to be made b	by me.	
I believe that I am the original invent application.	or or an original joint inventor of a	claimed invention in the	ne
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No.3, Li-Hsin Road 2, Science	-Based Industrial Park, Hsi	 n-Chu City 30 <b>0,</b> Ta	iwan, R.O.C
(referred to as "ASSIGNEE"below) to I of the sum of One Dollar (\$ 1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration.			
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, 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.			
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-P3743-USA:0 CUST#UMCD-2020-0365

LEGAL NAME OF INVENTOR(ASSIGNOR)				
Inventor:	Da-Jun Lin	Date:	DEC 3 1 2020	
Signature:	Da-Jny Lin			

Page 10 of 14

## Title of Invention: HEMT AND METHOD OF FABRICATING THE SAME

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☑ The attached application, or	•			
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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.				

Page 11 of 14

NPO#NAU-P3743-USA:0 CUST#UMCD-2020-0365

LEGAL NAME OF INVENTOR(ASSIGNOR)				
Inventor:	Ting-An Chien	Date:	DEC 3 1 2020	
Signature:	Try In Ohien			

Page 12 of 14

NPO#NAU-P3743-USA:0 CUST#UMCD-2020-0365

### Title of Invention: HEMT AND METHOD OF FABRICATING THE SAME

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Note: An application data sheet (PTG	Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire			

Page 13 of 14

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

NPO#NAU-P3743-USA:0 CUST#UMCD-2020-0365

LEGAL NAME OF INVENTOR(ASSIGNOR)				
Inventor:	Bin-Siang Tsai	Date:	DEC 3 1 2020	
Signature:	Bry - Stang TSW			

Page 14 of 14

NPO#NAU-P3743-USA:0 CUST#UMCD-2020-0365

**RECORDED: 01/06/2021** 

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F#NPO-P0002E-US1201 DSB0-109U036781

PATENT REEL: 054836 FRAME: 0306