505726724 10/17/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

stylesheet Version v1.2

EPAS ID: PAT5773536

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Chun-Ming Chang	10/14/2019
Wen-Jung Liao	10/14/2019

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:	16655252

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NAME OF SUBMITTER:	KATE YEH
SIGNATURE:	/KATE YEH/
DATE SIGNED:	10/17/2019

Total Attachments: 4

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PATENT 505726724 REEL: 050740 FRAME: 0679

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 AND FABRICATING METHOD THEREOF

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	by me.	
I believe that I am the original invent application.	or or an original joint inventor of a	claimed invention in t	the
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	I false statement made in this decisionment of not more than five (5)	claration is punishable) years, or both.	
In consideration of the payment by	UNITED MICROELECTRON CORP.	IICS having a pos	stal address of
No.3, Li-Hsin Road 2, Science	-Based Industrial Park, Hsi	n-Chu City 300, Ta	aiwan, R.O.C.
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good an	o I of the sum of One Dollar (\$ 1.0 and valuable consideration.	0), the receipt of whic	h 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 improvements w tion and, in and to, all Letters Pat rany continuations, continuation-i	hich are disclosed in t ent to be obtained for n-part, divisions, renev	he said wals
I hereby covenant that no assignment entered into which would conflict with	nt, sale, agreement or encumbran n this assignment;	ce has been or will be	made 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 exec	ition and said Letters Patent and I stify as to the same in any interfe	legal equivalents as m	nav he
representatives any and all papers, in maintain, issue and enforce said app equivalents thereof which may be ne IN WITNESS WHEREOF, I have her	olication, said invention and said L cessary or desirable to carry out t	etters Patent and said	i
Note: An application data sheet (PTC inventive entity, must accompany this	D/SB/14 or equivalent), including r s form. Use this form for each add	naming the entire ditional inventor.	

Page 1 of 4

NPO#NAU-P3500-USA:0 CUST#UMCD-2019-0285

F#NPO-P0002E-US1201 DSB0-108U020786

Docket No NAUP3500USA

LEGAL NAME OF INVENTOR(ASSIGNOR)

OCT 1 4 2018

Inventor:

Chun-Ming Chang

Date:

OCL 1 4 5016

Signature: Chun-Ming Chang

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F#NPO-P0002E-US1201 DSB0-108U020786

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 AND FABRICATING METHOD THEREOF

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	s 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 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 de isonment of not more than five (5	claration is punishable i) years, or both.	
In consideration of the payment by	UNITED MICROELECTRO CORP.	NICS having a postal add	dress of
No.3, Li-Hsin Road 2, Science	e-Based Industrial Park, Hs	in-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. ad valuable consideration.	00), the receipt of which is he	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 assignmer entered into which would conflict with	nt, sale, agreement or encumbrar n this assignment;	nce 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 licessary or desirable to carry out	Letters Patent and said the 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-P3500-USA:0 CUST#UMCD-2019-0285

F#NPO-P0002E-US1201 DSB0-108U020786

Docket No NAUP3500USA

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: Wen-Jung Liao Date: OCT 1 4 2019

Signature: Wen-Jung Liao

NPO#NAU-P3500-USA:0 CUST#UMCD-2019-0285

RECORDED: 10/17/2019

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F#NPO-P0002E-US1201 DSB0-108U020786

PATENT REEL: 050740 FRAME: 0683