PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4770630

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hong-Ru Liu	01/08/2018
Kuei-Hsuan Yu	01/08/2018

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
Name:	FUJIAN JINHUA INTEGRATED CIRCUIT CO., LTD.
Street Address:	NO.88, LIANHUA AVENUE, INTEGRATED CIRCUIT SCIENCE PARK, JINJIANG CITY
City:	QUANZHOU CITY, FUJIAN PROVINCE
State/Country:	CHINA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15867615

CORRESPONDENCE DATA

(703)997-4517 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.

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ATTORNEY DOCKET NUMBER:	NAUP3198USA
NAME OF SUBMITTER:	SIBYL YU
SIGNATURE:	/SIBYL YU/
DATE SIGNED:	01/10/2018

Total Attachments: 4

PATENT REEL: 044590 FRAME: 0348

504723907



PATENT REEL: 044590 FRAME: 0349

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: MEMORY CELL

As the below named inventor, I herel 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			
I believe that I am the original inventor application.	or or an original joint inventor of a	claimed invention in the		
I hereby acknowledge that any willful under18 U.S.C. 1001 by fine or impri	false statement made in this decisionment of not more than five (5)	elaration is punishable) years, or both.		
	UNITED MICROELECTRON	IICS having a postal add	ress 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 and	I of the sum of One Dollar (\$ 1.0 d valuable consideration.	0), the receipt of which is her	reby	
In consideration of the payment by	Fujian Jinhua Integrated C Co., Ltd.	ircuit having a postal add	ress of	
No.88, Lianhua Avenue, Integr Fujian Province 362200, P.R.C	rated Circuit Science Park,	Jinjiang City, Quanzho	u City,	
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good and	I of the sum of One Dollar (\$ 1.0 d valuable consideration.	0), the receipt of which is her	reby	
I hereby sell, assign and transfer to A the entire right, title and interest in an invention as above-identified applicat invention by the above application or substitutes, or extensions thereof, and	d to any and all improvements wi ion and, in and to, all Letters Pate any continuations, continuation-i	hich are disclosed in the ent to be obtained for said n-part, divisions, renewals	EE	
I hereby covenant that no assignment entered into which would conflict with	t, sale, agreement or encumbrand this assignment;	ce 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				

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related thereto and will promptly execute and deliver to ASSIGNEE or its legal

NPO#NAU-P3198-USA:0 CUST#UMCF-2017-0161 F#NPO-P0002E-US1201 DSB0-106U029901

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COMBINE DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

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MF	МC)R	Y	C	FI	1	

As the below named inventor, I here This declaration is directed to:	by declare that:			
☑ The attached application, or	-			
☐ United States application number		_filed o	n,	or
☐ PCT international applicatio	n number	filed on		
The above-identified application was	s made or authorized to be made I	by me.		
I believe that I am the original invent application.	or or an original joint inventor of a	claimed	l invention in 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) years,	is punishable or both.	
In consideration of the payment by	UNITED MICROELECTRON CORP.	IICS	having a postal addre	ess 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 nd valuable consideration.	0), the r	eceipt of which is here	eby
In consideration of the payment by	Fujian Jinhua Integrated C Co., Ltd.	ircuit	having a postal addre	ess of
No.88, Lianhua Avenue, Integ Fujian Province 362200, P.R.0	rated Circuit Science Park,	Jinjiar	g City, Quanzhou	City,
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar	o I of the sum of One Dollar (\$ 1.0 and valuable consideration.	0), the r	eceipt of which is here	eby
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 any continuations, continuation-i	hich are ent to be n-part. d	disclosed in the obtained for said ivisions, renewals.	E
l hereby covenant that no assignmer entered into which would conflict with	nt, sale, agreement or encumbrand n this assignment;	ce has b	een or will be made o	r
I further covenant that ASSIGNEE wand documents relating to said inverknown and accessible to I and will terelated thereto and will promptly exe	ition and said Letters Patent and li stify as to the same in any interfer	egal equ rence. Iit	ivalents as may be	į

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F#NPO-P0002E-US1201 DSB0-106U029901

Docket No NAUP3198USA

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>

LEGAL NA	ME OF INVENTOR(ASSIGNOR)			
Inventor:	Kuei-Hsuan Yu	Date:	JAN 0 8 2018	
Signature:	Kued-Usyan Yn			

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PATENT REEL: 044590 FRAME: 0353