506662577 05/14/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT6709391 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Kuo-Hsing Lee	05/12/2021
Sheng-Yuan Hsueh	05/12/2021
Chi-Horn Pai	05/12/2021
Chih-Kai Kang	05/12/2021

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:	17320234

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.

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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: NAUP3828USA

NAME OF SUBMITTER: SIBYL YU

SIGNATURE: /SIBYL YU/

DATE SIGNED: 05/14/2021

Total Attachments: 8

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PATENT 506662577 REEL: 056237 FRAME: 0277



PATENT REEL: 056237 FRAME: 0278

Title of Invention: BIT CELL STRUCTURE FOR ONE-TIME-PROGRAMMING

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 applicatio	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 impr				
In consideration of the payment by	UNITED MICROELECTRON CORP.	ICS having a postal add	dress of	
No.3, Li-Hsin Road 2, Science	-Based Industrial Park, Hsi	า-Chu City 300, Taiwan	, R.O.C	
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar		ວ), 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 assignment entered into which would conflict with	nt, sale, agreement or encumbran h this assignment;	ce has been or will be made	or	
I further covenant that ASSIGNEE w and 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 I estify as to the same in any interfer	egal equivalents as may be ence, litigation proceeding	ots	
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be no IN WITNESS WHEREOF, I have he	olication, said invention and said L ecessary or desirable to carry out t	etters Patent and said he proposes thereof.		
Note: An application data sheet (PTC inventive entity, must accompany thi	O/SB/14 or equivalent), including r s form. Use this form for <u>each</u> add	naming the entire litional inventor.		

Page 1 of 8

NPO#NAU-P3828-USA:0 CUST#UMCD-2021-0002

LEGAL NAME OF INVENTOR(ASSIGNOR)					
Inventor:	Kuo-Hsing Lee	Date:	MAY	12.	2021.
Signature:	Kuo-Hsing Lee				

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NPO#NAU-P3828-USA:0 CUST#UMCD-2021-0002

Title of Invention:

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(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 receipt of which is here	eby	
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 entered into which would conflict with	nt, sale, agreement or encumbran h this assignment;	ce has been 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, i maintain, issue and enforce said app equivalents thereof which may be ne IN WITNESS WHEREOF, I have he	olication, said invention and said L ecessary or desirable to carry out	etters Patent and said the proposes thereof		
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NPO#NAU-P3828-USA:0 CUST#UMCD-2021-0002

LEGAL NAME OF INVENTOR(ASSIGNOR)

Inventor: Sheng-Yuan Hsueh

Signature: Sheng-Yuan Hsueh

Date: MAY 12. 2021

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NPO#NAU-P3828-USA:0 CUST#UMCD-2021-0002

Title of Invention: BIT CELL STRUCTURE FOR ONE-TIME-PROGRAMMING

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(referred to as "ASSIGNEE"below) to acknowledged, andfor other good are		00), the r	eceipt of which is he	reby
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 w tion and, in and to, all Letters Pat r any continuations, continuation-i	hich are ent to be in-part, c	disclosed in the e obtained for said divisions, renewals.	EE
I hereby covenant that no assignmentered into which would conflict with		ice has I	oeen or will be made	or
I further covenant that ASSIGNEE w and documents relating to said inver known and accessible to I and will to related thereto and will promptly exe	ntion and said Letters Patent and estify as to the same in any interfe	legal eq rence, li	uivalents as may be tigation proceeding	ts
representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be no IN WITNESS WHEREOF, I have he	olication, said invention and said Lecessary or desirable to carry out	etters P. the prop	atent and said	
Note: An application data sheet (PTC inventive entity, must accompany thi	D/SB/14 or equivalent), including s form. Use this form for each add	naming ditional i	the entire	

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NPO#NAU-P3828-USA:0 CUST#UMCD-2021-0002

LEGAL NAME OF INVENTOR(ASSIGNOR)					
Inventor:	Chi-Horn Pai	Date:	MAY 12. 2021	,	
Signature:	Chi Hom Pai				

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NPO#NAU-P3828-USA:0 CUST#UMCD-2021-0002

Title of Invention:

BIT CELL STRUCTURE FOR ONE-TIME-PROGRAMMING

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representatives any and all papers, i maintain, issue and enforce said app equivalents thereof which may be ne IN WITNESS WHEREOF, I have he	olication, said invention and said ecessary or desirable to carry out	Letters Patent and said the proposes thereof.		
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Page 7 of 8

NPO#NAU-P3828-USA:0 CUST#UMCD-2021-0002

LEGAL NAME OF INVENTOR(ASSIGNOR)						
Inventor:	Chih-Kai Kang	Date:	MAY 12 2021			
Signature:	Chih-kai laang					
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Page 8 of 8

F#NPO-P0002E-US1201 DSB0-110U004543

NPO#NAU-P3828-USA:0 CUST#UMCD-2021-0002

RECORDED: 05/14/2021

PATENT REEL: 056237 FRAME: 0286