PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LIANG YI	06/25/2019
ZHIGUO LI	06/25/2019
CHI REN	06/25/2019
QIUJI ZHAO	06/25/2019
BOON KEAT TOH	06/25/2019

RECEIVING PARTY DATA

Name:	UNITED MICROELECTRONICS CORP.
Street Address:	NO. 3, LI-HSIN RD. II, SCIENCE-BASED INDUSTRIAL PARK
City:	HSINCHU
State/Country:	TAIWAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17331319

CORRESPONDENCE DATA

Fax Number: (949)660-0809

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:	JCLA89149-CA
NAME OF SUBMITTER:	JIAWEI HUANG
SIGNATURE:	/JIAWEI HUANG/
DATE SIGNED:	05/26/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 7

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PATENT REEL: 056362 FRAME: 0794

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PATENT REEL: 056362 FRAME: 0795

DECLARATION AND ASSIGNMENT

FOR UTILITY OR DESIGN PATENT APPLICATION

□ Declaration Submitted With Initial Filing
OR
☐ Declaration Submitted After Initial Filing (surcharge 37 CFR 1.16(f) required)
(Title of the Invention)
STRUCTURE OF MEMORY DEVICE
As a below named inventor (hereinafter designated as the undersigned), I hereby
declare that:
This declaration is directed to:
∑ The attached application,
OR
United States Application Number or PCT International application number
Filed on
The above-identified application was made or authorized to be made by me.
I believe I am the original inventor or an original joint inventor of a claimed invention in the application.
The undersigned hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

UMCD-2019-0102 89149-US-PA

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

WHEREAS, 1. United Microelectronics Corp.

of No. 3, Li-Hsin Rd. II, Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.

hereinafter referred to as ASSIGNEE, is desirous of acquiring the undersigned's interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by the undersigned, the undersigned has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said rights, title and interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said the undersigned had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

The undersigned further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

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DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

Signature:	40	liang_	Date:	JUN	25	2019
		1	The state of the s			
Legal Name of So	ole or First I	nventor: Llang Yi				

Residence: Singapore, Singapore

Mailing Address: BLK9A Woodlands Drive72 #11-18, Singapore 738093

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

Signature:	Li Zhigno	Date:	JUN 2 5 2019
	of Additional Joint Inventor, if any: Zi	niguo Ll	
Residence: Si	ingapore, Singapore		
Mailing Addre	ess; 06-202 BLK690E Woodsland Dr	:. 75, Singapore	

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

·	V	010:10	7.1	D ()	JUN	25	2019
Signature:	¥-	320000		 _Date:			******************

Legal Name of Additional Joint Inventor, if any: Chi Ren

Residence: Singapore, Singapore

Mailing Address: 31 Punggol Field, #08-06, Prive, Singapore 828816

DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

Signature:_	Thao	anji	Date:	IN	2 5	2019
		V				

Legal Name of Additional Joint Inventor, if any: Qiuji Zhao

Residence: Singapore, Singapore

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DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

Signature:	Toh	B00 1	Kout	Date:	JUN 25	5 2019
Legal Name	of Additional	Joint Invento	r, if any: Boon I	Ceat Toh		
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PATENT REEL: 056362 FRAME: 0802