504826722 03/19/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4873458

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yukihiro Nagai	03/14/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15868955

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ATTORNEY DOCKET NUMBER: NAUP3000USA	
NAME OF SUBMITTER:	KATE YEH
SIGNATURE:	/KATE YEH/
DATE SIGNED:	03/19/2018

Total Attachments: 2 source=3103885#page1.tif source=3103885#page2.tif

> **PATENT REEL: 045282 FRAME: 0169** 504826722

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:

DRAM DEVICE WITH EMBEDDED FLASH MEMORY FOR REDUNDANCY AND FABRICATION METHOD THEREOF

As the below named inventor, I here This declaration is directed to:	by decla	are that:			
☐ The attached application, or					
☑ United States application nu	mber	15/868,955	filed o	n <u>01/11/2018</u>	, or
☐ PCT international application	numb	oer	file	d on	
The above-identified application was	made o	or authorized to be	made by me.		
I believe that I am the original invent application.	or or an	original joint inver	ntor of a claimed	I invention in the	
I hereby acknowledge that any willfu under18 U.S.C. 1001 by fine or impr	l false s isonme	statement made in nt of not more thar	this declaration i five (5) years,	is punishable or both.	
In consideration of the payment by	UNITE	ED MICROELEC	CTRONICS	having a postal a	ddress of
No.3, Li-Hsin Road 2, Science	-Base	d Industrial Pa	rk, Hsin-Chu	City 300, Taiwa	an, R.O.C.
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar			ar (\$ 1.00), the r	eceipt of which is	hereby
In consideration of the payment by	Fujiar Co., L	n Jinhua Integr .td.	ated Circuit	having a postal a	ddress of
No.88, Lianhua Avenue, Integ Fujian Province 362200, P.R.0		Circuit Science	Park, Jinjiaı	ng City, Quanzl	hou City,
(referred to as "ASSIGNEE"below) to acknowledged, andfor other good ar			ar (\$ 1.00), the i	eceipt of which is	hereby
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 an ition and r any co nd as to	ny and all improver d, in and to, all Let ontinuations, contin Letters Patent any	nents which are ters Patent to be uation-in-part, o reissue or re-e	disclosed in the e obtained for said divisions, renewals examination therec	i, of.
I hereby covenant that no assignment entered into which would conflict with			umbrance has l	been or will be ma	de or
I further covenant that ASSIGNEE wand documents relating to said inverknown and accessible to I and will terelated thereto and will promotly exercise.	ntion and estify as	d said Letters Pate to the same in any	ent and legal eq / interference, li	uivalents as may t tigation proceedin	oe .

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Docket No NAUP3000USA

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 MAR 1 4 2018 (Date of signing)

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,

LEGAL NAI	ME OF INVENTOR(ASSIGNOR)		
Inventor:	Yukihiro Nagai	Date:	MAR 1 4 2018
Signature:	Yukihiro Magai	· Ann	MAN 1 3 TO

Page 2 of 2

NPO#NAU-P3000-USA:0 CUST#UMCF-2016-0183

RECORDED: 03/19/2018

F#NPO-P0002E-US1201 DSB0-106U036943