504117745 12/01/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

EPAS ID: PAT4164415

CONVEYING PARTY DATA

Name	Execution Date	
PO-HAO TSENG	12/01/2016	
FENG-MIN LEE	12/01/2016	

RECEIVING PARTY DATA

Name:	MACRONIX INTERNATIONAL CO., LTD.
Street Address:	NO.16, LI-HSIN RD., SCIENCE-BASED INDUSTRIAL PARK
City:	HSINCHU
State/Country:	TAIWAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15365985

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ATTORNEY DOCKET NUMBER:	251310-4150
NAME OF SUBMITTER:	DANIEL R. MCCLURE
SIGNATURE:	/Daniel R. McClure/
DATE SIGNED:	12/01/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT 504117745 REEL: 040477 FRAME: 0574

Attorney	Reference:		
2 (6762) 2 (76 5	3 400 (00) 00 (100 00)	 	

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Po-Hao Tseng and Feng-Min Lee

, hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to

RESISTANCE SWITCHING MEMORY DEVICE AND METHOD OF MANUFACTURING THE SAME

[X] said application being attach	ed hereto;			
	filed in the United States Patent and Trademark Office on as Application Serial No.	and	was	amended
on	as Application Serial No,(if applicable); s filed under the Patent Cooperation Treaty on			
Serial No.	the United States of America being designated.			

AND WHEREAS MACRONIX INTERNATIONAL CO. LTD., hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and that I am the original inventor or an original joint inventor of a claimed invention in the application.

I 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.

ASSIGNOR (SOLE OR FIRST INVENTOR):

Signature: 120 - Hao Trent
Legal Name: Po-Hao Tseng
Date: 12/01/2016

ASSIGNOR (SECOND INVENTOR):

Signature: トゥォーハラ レッ
Legal Name: Feng-Min Lee
Date: 13/01/20/6

McClure, Qualey & Rodack, LLP. 旺宏編號 P1050074 || 三達編號 US12358PA

RECORDED: 12/01/2016

PATENT REEL: 040477 FRAME: 0576