502969186 09/10/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3015785

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
WEN-WEI YEH	09/03/2014
CHIH-SHEN CHANG	09/03/2014
KUO-PIN CHANG	09/03/2014

### **RECEIVING PARTY DATA**

Name:	MACRONIX INTERNATIONAL CO., LTD.	
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City:	HSINCHU	
State/Country:	TAIWAN	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14481953

#### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	251310-3260
NAME OF SUBMITTER:	DANIEL R. MCCLURE
SIGNATURE:	/Daniel R. McClure/
DATE SIGNED:	09/10/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 2** 

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> **PATENT REEL: 033705 FRAME: 0653** 502969186

Attorney	Reference:	***************************************
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## ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS	Wen-Wei Yeh, Chih-Shen Chang and Kuo-Pin Chang
, hereinafter ret	erred to collectively as the assignor and inventor, has invented a certain improvement relating to
PRE-READING	METHOD AND PROGRAMMING METHOD FOR 3D NAND FLASH MEMORY

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 assigner, the receipt of which is hereby acknowledged, said assigner 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

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.

as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this

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 faise 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.

McClure, Qualey & Rodack, LLP. 旺宏編號 P1030143 || 三達編號 US10893PA

assignment had not been made.

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ASSIGNOR (SOLE OR FIRST INVENTOR):
Signature: 黄文恒 Wen-Wei (eh
Legal Name: Wen-Wei Yeh
Date: <u>944</u> , 9, 3
, .
ASSIGNOR (SECOND INVENTOR):
Signature: 37576 CHTH-SHEN CHANG.
Legal Name: Chih-Shen Chang
Date: $\frac{>0!  \forall ,  9,  3}{}$ .
ASSIGNOR (THIRD INVENTOR):
Signature: Kuo-Par Chang 选颇村
Legal Name: Kuo-Pin Chang
3.11. (1)

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RECORDED: 09/10/2014