PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NAI-PING KUO	04/02/2014
SU-CHUEH LO	04/03/2014
KUEN-LONG CHANG	04/02/2014
CHUN-HSIUNG HUNG	04/03/2014
CHIA-FENG CHENG	04/02/2014
KEN-HUI CHEN	04/03/2014
YU-CHEN WANG	04/02/2014

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14249270

CORRESPONDENCE DATA

Fax Number: (650)712-0263

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Phone: 650-712-0340

Email: mholland@hmbay.com

Correspondent Name: MACRONIX C/O HAYNES BEFFEL & WOLFELD LLP

Address Line 1: P. O. BOX 366

Address Line 2: ATTN: MARK HAYNES

Address Line 4: HALF MOON BAY, CALIFORNIA 94019

ATTORNEY DOCKET NUMBER:	MXIC 1976-4
NAME OF SUBMITTER:	MARK A. HAYNES
SIGNATURE:	/Mark A. Haynes/
DATE SIGNED:	04/09/2014

502761220 PATENT REEL: 032639 FRAME: 0431 Total Attachments: 2
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PATENT REEL: 032639 FRAME: 0432

DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT

Title of Invention: METHOD AND APPARATUS FOR LEAKAGE SUPPRESSION IN FLASH MEMORY IN RESPONSE TO EXTERNAL COMMANDS

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application, or (if following box is checked):

[X] United States application or PCT international application number 14/249,270 filed on 09 April 2014 .

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application and further identified by the Docket Number provided above in the header of this document;

Whereas, Macronix International Co., Ltd., a corporation of Taiwan having a place of business at No. 16 Li-Hsin Road, Science-Based Industrial Park, Hsinchu, Tawan (herein referred to as "Macronix"), desires to acquire, and each undersigned inventor desires to grant to Macronix, the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto:

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to Macronix (the "ASSIGNEE"), its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to Macronix, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by Macronix, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents

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Page 1 of 2

MXIC 1976-4 (P1000030USCON1)

(1) Legal Name of Inventor: Nai-Ping KUO 郭乃萍

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to Macronix and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants Macronix, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment.

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.

Signature:_	Nar-Pry kno	Date: 20/4/4/2
	ne of Inventor: Su-Chueh LO 羅思覺	
Signature:_	Su-chueh 20	Date; _>ə14/4/3
(3) Legal Nam	ne of Inventor: Kuen-Long CHANG 張坤龍	
Signature:_	Kuen-long, Chang	Date: $> 14/4/2$
	ne of Inventor:Chun-Hsiung HUNG 洪俊雄	
Signature:_	Chun Usivng Hung	Date:
(5) Legal Nan	ne of Inventor: Chia-Feng CHENG 鄭家豐	
Signature:	Chia fang cheng	Date:
(6) Legal Nam	ne of Inventor: Ken-Hui CHEN 陳耕暉	
Signature:_	Ken-Hui Chen	Date:
(7) Legal Nan	ne of Inventor: Yu-Chen WANG 王裕謙	
Signature:	Tu-chen WANG	Date:_ <u>2014/4/</u>

Page 2 of 2

PATENT REEL: 032639 FRAME: 0434

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