

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Kuo-Pin Chang	05/22/2009
Hang-Ting Lue	05/21/2009
Cheng-Hung Tsai	05/22/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Macronix International Co., Ltd.
<b>Street Address:</b>	No. 16, Li-Hsin Rd., Science-Based Industrial Park
<b>City:</b>	Hsinchu
<b>State/Country:</b>	TAIWAN
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12574938
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	251310-1770
<b>NAME OF SUBMITTER:</b>	Daniel R. McClure
<b>Total Attachments: 2</b> source=00989459#page1.tif source=00989459#page2.tif	

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**ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT**

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**WHEREAS** Kuo-Pin Chang , Hang-Ting Lue and Cheng-Hung Tsai

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to RESISTIVE MEMORY DEVICE AND MANUFACTURING METHOD THEREOF AND OPERATING METHOD THEREOF

the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

said application having been filed in the United States Patent and Trademark Office on \_\_\_\_\_,

authorization being hereby given to my attorney, THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P. of 100 GALLERIA PARKWAY, N.W. SUITE 1500 ATLANTA, GEORGIA 30339-5948, to insert here in parentheses (Application Serial No. \_\_\_\_\_) the application serial number of said application when known;

said application having been filed under the Patent Cooperation Treaty on \_\_\_\_\_, Serial No. \_\_\_\_\_, the United States of America being designated.

**AND WHEREAS** Macronix International Co., Ltd. of No.16, Li-Hsin Rd., Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C., hereinafter referred to as the assignee, 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 and in consideration of One Dollar (\$1.00), and other 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.

THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.

旺宏編號 P980023 || 三達編號 US5406PA

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

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**ASSIGNOR:**

Signature: Kuo-Pin Chang

Printed Name: Kuo-Pin Chang

Date: 2009. 05. 22

**ASSIGNOR:**

Signature: Hang-Ting Lue, 2009. 05. 21

Printed Name: Hang-Ting Lue

Date: 2009, 05-21

**ASSIGNOR:**

Signature: Cheng-Hung Tsai

Printed Name: Cheng-Hung Tsai

Date: 2009. 05. 22

**WITNESS:**

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Date: \_\_\_\_\_

THOMAS, KAYDEN, HORSTEMEYER & RISLEY, L.L.P.

旺宏編號 P980023 || 三達編號 US5406PA