

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Hang-Ting Lue</td><td>05/08/2006</td></tr><tr><td>Szu Yu Wang</td><td>05/08/2006</td></tr></tbody></table>		Name	Execution Date	Hang-Ting Lue	05/08/2006	Szu Yu Wang	05/08/2006
Name	Execution Date						
Hang-Ting Lue	05/08/2006						
Szu Yu Wang	05/08/2006						
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							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11324540</td></tr></tbody></table>		Property Type	Number	Application Number:	11324540		
Property Type	Number						
Application Number:	11324540						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Renee Conti						
Total Attachments: 2 source=assignment#page1.tif source=assignment#page2.tif							

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PATENT

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REEL: 017616 FRAME: 0896

**ASSIGNMENT
(PATENT APPLICATION)**

WHEREAS, we, ("ASSIGNORS"):

<u>Inventor</u>	<u>Citizenship</u>	<u>Address</u>
Hang-Ting Lue	Taiwanese	East Yuan, 19 Tsing-Hua University, Hsinchu Taiwan (R.O.C.)
Szu Yu Wang	Taiwanese	No. 17, Yingkou Rd. Siaogang District, Kaohsiung City 812 Taiwan (R.O.C.)

having invented a certain new and useful invention entitled:

**NON-VOLATILE MEMORY CELLS, MEMORY ARRAYS INCLUDING THE SAME AND
METHODS OF OPERATING CELLS AND ARRAYS**

for which a United States patent application is to be filed or has been filed on January 3, 2006
under U.S. Patent Application No. 11/324,540; and

WHEREAS, ("ASSIGNEE"):

Macronix International Co., Ltd.
(A Taiwanese Corporation)
No. 16, Li-Hsin Road
Science Based Industrial Park
Hsinchu, Taiwan, R.O.C.

is desirous of acquiring the entire right, title and interest in and to the invention throughout the United States and the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all countries throughout the world;

FOR GOOD and VALUABLE CONSIDERATION, the full receipt and sufficiency of which are hereby acknowledged, ASSIGNORS, intending to be legally bound, do hereby:

AUTHORIZE said ASSIGNEE, or its representatives to insert above the filing date and application number of the application when these are known;

SELL, ASSIGN, TRANSFER and CONVEY to ASSIGNEE the whole and entire right, title and interest for the United States and its possessions and territories and all foreign countries in and to the invention which is disclosed in the above-identified patent application, and, in and to any and

all patent applications related thereto including, but not limited to, all provisionals, non-provisionals, divisionals, continuations, continuations-in-part, substitutes, reexaminations, reissues and all other applications for patent which have been or shall be filed in the United States and all foreign countries on the invention; all original, reissued and reexamined patents and extensions thereof which have been or shall be issued in the United States and all foreign countries on the invention to the full end of the term or terms for which the patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR(S) had this Assignment not been made; and specifically including all rights of priority created by the above patent application under any treaty, convention or law relating thereto;

AUTHORIZE and REQUEST the issuing authority to issue any and all United States and foreign patents granted on the invention to ASSIGNEE;

WARRANT and REPRESENT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by ASSIGNORS, and that the full right to convey the same as herein expressed is possessed by ASSIGNORS;

AGREE and UNDERTAKE, when requested and at the expense of ASSIGNEE, to carry out in good faith the intent and purpose of this Assignment, ASSIGNORS will execute all non-provisionals, divisionals, continuations, continuations-in-part, substitutes, reexaminations, reissues, and all other patent applications on the invention; execute all lawful oaths, declarations, assignments, powers of attorney and other papers; communicate to ASSIGNEE all facts known to ASSIGNORS relating to the invention and the history thereof; and generally do everything possible which ASSIGNEE shall consider desirable for vesting title to the invention in ASSIGNEE, and for securing, maintaining and enforcing proper patent protection for the invention; all without further compensation to ASSIGNORS;

TO BE BINDING on the heirs, assigns, representatives and successors of ASSIGNORS and extending to the successors, assigns, and nominees of ASSIGNEE.

2006.5.8

Date

Hang-Ting Lue

Hang-Ting Lue

2006.5.8

Date

Szu Yu Wang

Szu Yu Wang