

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hsiang Lan Lung	01/11/2008
Chieh Fang Chen	01/14/2008
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: 2	
Property Type	Number
Application Number:	12016842
Application Number:	60889856
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Total Attachments: 2 source=00064039#page1.tif source=00064039#page2.tif	

OP \$80.00 12016842

**PATENT**

ASSIGNMENT

WHEREAS, the undersigned,

(1) Hsiang Lan Lung 龍翔瀾  
107 Town Green Drive  
Elmsford, New York 10523

(2) Chieh Fang Chen 陳介方  
No. 4-3, Alley 89  
Chung-Cheng Road  
Panchiao City  
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hereinafter termed "Inventors", have invented certain new and useful improvements in

**PHASE CHANGE MEMORY CELL WITH FILLED SIDEWALL MEMORY ELEMENT  
AND METHOD FOR FABRICATING THE SAME**

and have filed a non-provisional application for a United States patent disclosing and identifying the above invention on 18 Jan 2008 as Application No. 12/016842 OR are filing such an application herewith, and have executed an oath or declaration of inventorship for such non-provisional application on:

(1) the 11 day of Jan, 2008;

(2) the 14 day of Jan, 2008;

(hereinafter termed "applications"); and

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, Taiwan R.O.C. (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said applications and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered by said Inventor (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said applications and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

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