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U.S. PTO 11/812033

RECORDATION FORM COV

06/14/2007

06-26-2007

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PATENTS	ONI 103419994 -				
To the Director of the U.S. Patent and Trademark Office: Please	record the				
Name of conveying party(les):	2. Name and address of receiving party(ies)				
Hsin-Yi HO (06/06/2007), Nian-Kai Zous (06/06/2007), I-Jen Huang (06/06/2007), and Yung-Feng Lin (06/06/2007)	MACRONIX INTERNATIONAL CO., Name: LTD. Internal Address:				
Additional name(s) of conveying party(ies) attached?	Street Address:				
3. Nature of conveyance/Execution Date(s):					
Execution Date(s): in parentheses after inventor name	No. 16, Li-Hsin Rd., Science-Based Industrial Park				
X Assignment Merger Change of Name					
Security Agreement Joint Research Agreement	City: Hsinchu				
Government Interest Assignment	State:				
Executive Order 9424, Confirmatory License	Country: Zip:				
Other	Additional name(s) & address(es) Yes X No attached:				
4. Application or patent number(s):	This document is being filed together with a new application.				
A. Patent Application No.(s)	B. Patent No.(s)				
NEW	11/812033				
Additional numbers attached?					
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:				
Name: Joe McKinney Muncy BIRCH, STEWART, KOLASCH & BIRCH, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00				
Internal Address: Atty. Dkt.: 4448-0291PUS1	Authorized to be charged by credit card				
Street Address: 8110 Gatehouse Road Suite 100 East P.O. Box 747	X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)				
City: Falls Church	8. Payment Information				
State: VA Zip: 22040-0747	a. Credit Card Last 4 Numbers				
Phone Number: (703) 205-8026	Expiration Date				
Fax Number: (703) 205-8050	b. Deposit Account Number 02-2448				
Email Address: mailroom@bskb.com	Authorized User Name Joe McKinney Muncy				
9. Signature: Signature Signature	June 14, 2007 Date				
Joe McKinney Muncy - 32,334 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:				
7 MJAMA1 00000028 022448 11812033					

06/25/200

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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT Page 1 of 2

WHEREAS	Hsin-Yl Ho, Nian-Kai Zous, I-Jen Huang and Yung-Feng Lin
hereinafter referre	d to collectively as the assignor, has invented a certain improvement relating to
METHOD FOR P	ROGRAMMING A MULTILEVEL MEMORY
[X] the inventor	's declaration for said application being executed concurrently with the execution of this instrument; said
application to be f	iled in the United States Patent and Trademark Office; 6/14/07
[] said applicat	on having been filed in the United States Patent and Trademark Office on
authorization bein	g hereby given to my attomeys, BIRCH, STEWART, KOLASCH & BIRCH, LLP. of P.O. Box 747 • Falls
Church, Virginia 2	2040-0747, to insert here in parentheses (Application Serial No. NEW) the application serial number of
said application w	hen known;
[] said applica	tion having been filed under the Patent Cooperation Treaty on .
Serial No.	, the United States of America being designated.

AND WHEREAS <u>Macronix International Co., Ltd. of No.16, Li-Hsin Rd., Science-Based Industrial Park, Hsinchu, Taiwan, R.O.C.</u>, 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 sald assignee to sald 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 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.

BIRCH, STEWART, KOLASCH & BIRCH, LLP. 旺宏編號 P950259 || 三達編號 US3571PA

> PATENT REEL: 019491 FRAME: 0244

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT Page 2 of 2

ASSIGNOR:		ASSIGNOR:	
Signature:	Haif Ho	Signature:	Man-Bai Zons
Printed Name:	Hsin-Yi Ho	Printed Name:	Nian-Kai Zous
Date:	6/6/2007	Date:	2007/6/6
ASSIGNOR:	,	ASSIGNOR:	
Signature:	Jan Dvang	Signature:	Tuny-Feng Lin
Printed Name:	7	Printed Name:	Yung-Feng Lin
Date:	7007/6/6	Date:	20v7/6/6
WITNESS:			
Signature:			
Printed Name:			
Date:			

BIRCH, STEWART, KOLASCH & BIRCH, LLP. 旺宏編號 P950259 || 三達編號 US3571PA

> PATENT REEL: 019491 FRAME: 0245

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