05-06-2	003		
FORM PTO-1595 (Rev. 10/02)	EET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office		
OMB No. 0651-0027 (exp. 6/30/2005) 1024407	⁷ 06		
To the Honorable Commissioner of Patents and Trademarks: Ple	ase record the attached original documents or copy thereof.		
Name of conveying part(ies):	Name and address of receiving party(ies)		
Cheng-Shun CHEN 4-28-03	Name: Macronix International Co., Ltd.		
Additional name(s) of conveying party(ies) attached? ☐Yes ☒No	Street Address: No. 16, Li-Hsin Rd. Science-Based Industrial Park Hsinchu, Taiwan, R.O.C.		
3. Nature of conveyance:			
☐ Assignment☐ Merger☐ Security Agreement☐ Other:☐ Other:	Additional name(s) & address(es) attached? Yes No		
Execution Date: April 11, 2003	25.55		
A. Patent application No.(s) Additional numbers attact	B. Patent No.(s)		
5. Name and address of party to whom correspondence	6. Total number of applications/patents involved: [1]		
concerning document should be mailed:	or real number of approximations/parente inverted. [1]		
	7. Total fee (37 CFR 3.41) \$ 40.00		
Daniel R. McClure Thomas, Kayden, Horstemeyer & Risley, L.L.P. 100 Galleria Parkway, Suite 1750	☑ Enclosed☑ Authorization to charge credit card (attached)		
Atlanta, Georgia 30339-5948			
	8. Deposit Account Number:		
	20-0778		
	(Attach duplicate copy of this page if paying by Deposit Account)		
DO NOT USE T	HIS SPACE		
 Statement and signature. To the best of my knowledge and belief, the foregoing inform true copy of the original document. 	ation is true and correct and any attached copy is a		
Daniel R. McClure	1. Ch April 28, 2003		
.)	nature Date r sheet, attachments, and document: [3]		

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments Washington, D.C. 20231 05/05/20(3 ECOOPER 00000069 10424657

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40.00 DP

PATENT REEL: 014021 FRAME: 0300

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

WHEREAS Cheng-Shun Chen				
hereinafter referred to collectively as the assignor, has invented a certain improvement				
relating to METHOD OF SHALLOW TRENCH ISOLATION FILL-IN WITHOUT GENERATION OF VOID				
[$ imes$] 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.

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PATENT REEL: 014021 FRAME: 0301

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

ASSIGNOR:		WITNESS:		P
Signature:	Rong-Shun Chan	Signature:	Cun	John .
Printed Name:	Cheng-Shun Chen	Printed Name:	4/11 2003	
Date:	April 11, 2003	Date:	April 11, 2003	

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

旺宏編號/ P920039 三達編號/ US1096PA

PATENT
RECORDED: 04/28/2003 REEL: 014021 FRAME: 0302