FORM PTO-1 Expires 06/30/99 OMB 0651-0027		06-01-2001	U.S. Department of Commerce Patent and Trademark Office PATENT			
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Conveying P		Mark if additional names of conve	Month Day Year			
Name (line 1)	PEI-REN JENG	· · · · · · · · · · · · · · · · · · ·	3/27/2001			
Name (line 2)			Execution Date			
Second Party Name (line 1)			Month Day Year			
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Name (line 1) [Name (line 2) [Address (line 1) [MACRONIX INTERNATION. No. 16, Li-Hsin Road Hsinchu	AL CO., LTD. , Science-Based Industrial Taiwan, R.O.C.	If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)			
Name (line 1) Name (line 2) Address (line 1) Address (line 2) Address (line 3)	MACRONIX INTERNATION. No. 16, Li-Hsin Road	AL CO., LTD. , Science-Based Industrial Taiwan, R.O.C. State/Country	If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.) Zip Code			
Name (line 1) Name (line 2) Address (line 1) Address (line 2) Address (line 3)	MACRONIX INTERNATION. No. 16, Li-Hsin Road Hsinchu City	AL CO., LTD. , Science-Based Industrial Taiwan, R.O.C. State/Country	If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.) Zip Code			
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Name (line 1) Name (line 2) Address (line 1) Address (line 2) Address (line 3) Domestic Re Name Address (line 1) Address (line 2) Address (line 2) Address (line 3) Address (line 4)	MACRONIX INTERNATION. No. 16, Li-Hsin Road Hsinchu City	AL CO., LTD. , Science-Based Industrial Taiwan, R.O.C. State/Country	If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.) Zip Code			
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Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT

REEL: 011841 FRAME: 0030

FORM PTC Expires 08/30/99 OMB 0651-0027)-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT		
Correspond	ent Name and Address	Area Code and Telephone Number	r 410-465-6678		
Name	Morton J. Rosenber	rg			
Address (line 1)	Rosenberg, Klein &	Lee			
Address (line 2)	3458 Ellicott Cent	er Drive. Suite 101			
Address (line 3)	Ellicott City, MD	21043			
Address (line 4)					
Pages	Enter the total number of paincluding any attachments.	ages of the attached conveyance doc	ument # 3		
Application	Number(s) or Patent Nu	mber(s) Mark	if additional numbers attached		
		Patent Number (DO NOT ENTER BOTH number	•		
Pat	ent Application Number(s)		ent Number(s)		
If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year 3/27/2001					
Ente only	eration Treaty (PCT) or PCT application number if a U.S. Application Numbe not been assigned.	PCT PCT PCT	PCT PCT		
Number of F	roperties Enter the to	ital number of properties involved.	# 1		
Fee Amount	Fee Amount	for Properties Listed (37 CFR 3.41):	\$ 40.00		
Method of Payment: Enclosed X Deposit Account Deposit Account					
(Enter for		ditional fees can be charged to the account.) Deposit Account Number:	# 18-2011		
		Authorization to charge additional fees:	Yes X No		
Statement a	nd Signature				
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.					
Morton J	. Rosenberg	Vactor () (1) as	1 5/23/01		
Name	of Person Signing	Signature	Date		

PATENT

REEL: 011841 FRAME: 0031

ASSIGNMENT DEE	ED .
This Assignment agreement is applicable to an invention entitled (inv	vention Title) PLANARIZATION METHOD OF
The PATENT RIGHTS referred to in this agreement are: (Check one) a Patent Application for this invention, executed by the A U.S. Patent Application Serial No. U.S. Patent No. The PATENT RIGHTS assigned under this agreement are:	SSIGNOB(s) concurrently with this Assignment
(Check one) U.S. Patent rights only worldwide Patent rights. In this case, the assignee shall any U.S. Patent Application identified above. The ASSIGNOR(s) referred to in this agreement is (or are):	have the right to claim the benefit of the filing date of
(Full name of first assignor) Pei-Ren Jeng (Address) No. 33, Alley 1, Lane 30, Fuchium St., Hsinchu City,	Taiwan, R.O.C.
(Full name of second assignor, if any)(Address)	
(Full name of third assignor, if any)(Address)	
(Full name of fourth assignor, if any)(Address)	
The First ASSIGNEE referred to in this agreement is: (Name of Assignee) MACRONIX INTERNATIONAL CO., LTD (Address of Assignee) No. 16, Li-Hsin Road, Science-Based Industrial Park,	Hsinchu, Taiwan, R.O.C.
The Second ASSIGNEE referred to in this agreement is: (Name of Assignee) (Address of Assignee)	
The First ASSIGNEE is: (Check one)	, R.O.C. tate or Country)
(Check one)	tate or Country)
Additional assignees are being named on separa	ately numbered sheets attached hereto.
The ASSIGNOR(S), in consideration of \$1.00 paid by each ASSIGNE which is acknowledged, have and do hereby assign the following to each ASSI the full and exclusive right to the invention; an equal interest in and to the entire right, title and interest continuations, continuations-in-part, divisionals, re-issues, a the right to claim priority under 35 U.S.C. 119, based on any As to all U.S. Patent Applications assigned under this Agreement, the Director of Patents and Trademarks to issue all Letters Patent to the ASSIGNE entire right, title and interest, for the sole use and enjoyment of said ASSIGNEI Further, the ASSIGNOR(s) agree(s) to communicate to said ASSIGNEI ASSIGNOR(s) respecting said invention, and testify in any legal proceedings, a continuation-in-part, substitute, renewal, reexamination and reissue application any and all Letters Patent to be issued to said ASSIGNEE(s), make all rightful able to aid said ASSIGNEE(s), their successors and assigns, to obtain and enforce the said ASSIGNEE(s), their successors and assigns, to obtain and enforce the said ASSIGNEE(s), their successors and assigns, to obtain and enforce the said ASSIGNEE(s), their successors and assigns, to obtain and enforce the said ASSIGNEE(s), their successors and assigns, to obtain and enforce the said ASSIGNEE(s), their successors and assigns, to obtain and enforce the said ASSIGNEE(s).	in and to the PATENT RIGHTS in the invention, all and re-examination patents and patent applications; and a earlier foreign applications for this invention. ASSIGNOR(S) hereby authorize(s) and requests the E(s) as the ASSIGNEE(s) of an equal interest in the E(s), their successors and assigns. EE(s), or their representatives, any facts known to the sign all lawful papers, execute all divisional, continuation, s, execute all necessary assignment papers to cause oaths and generally do everything necessary or desir-
(Signature of sole or first assignor) FAMILY NAME)	(Date)
(Signature of second assignor, if any)	(Date)
(Signature of third assignor, if any)	(Date)
(Signature of fourth assignor, if any)	(Date)

PATENT REEL: 011841 FRAME: 0032

RECORDED: 05/23/2001