FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 01-14-2002



U.S. Department of Commerce Patent and Trademark Office PATENT

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PATENT

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FORM PTC Expires 06/30/99 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	410-465-6678
Name	Morton J. Rosenber	8	
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Address (line 3)	Ellicott City, MD	21043	
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Fee Amount	Fee Amount	for Properties Listed (37 CFR 3.41): \$	40.00
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	payment by deposit account or if add	itional fees can be charged to the account.) Deposit Account Number:	 18-2011
		Authorization to charge additional fees:	[=] []
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	. Rosenberg	inter I I at	1/3/02
	of Person Signing	Signature	Date
			

PATENT

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ASSIGNMENT	
This assignment agreement is applicable to an invention entitled (invent	ion title) NITRIDE READY ONLY MEMORY CELL
WITH TWO TOP OXIDE LAYERS AND THE METHOD FOR MANUFACTU	
This PATENT RIGHT referred to in this agreement are:	
(check one) X a Patent Application for this invention, executed by the ASS.	IGNOR(S) concurrently with this Assignment
U.S. Patent Application Serial No	. filed
U.S. Patent No.	, issued
The PATENT RIGHT assigned under this agreement are:	
(check one) X U.S. Patent rights only	
worldwide Patent rights. In this case, the assignee shall hav	e the right to claim the benefit of the filing date of
any U.S. Patent Application identified above.	<i>5</i>
The ASSIGNOR(S) referred to in this agreement is (or are):	
(Full name of first assignor) LIU, CHEN-CHIN	
(Address) No. 126, Luen S. Rd., Douliou City, Yunlin, Taiwan 640, R.O.C.	
(Full name of second joint inventor, if any) CHEN, LI-JEN	
(Address) No. 14, Minsheng Rd., Guanwu Village, Daliau Shiang, Kaohsiung	Taiwan 831, R.O.C.
(Full name of third joint inventor, if any)	
(Address)	
(Address)	
The First ASSIGNEE referred to in this agreement is:	
(Name of Assignee) MACRONIX INTERNATIONAL CO., LTD	
(Address) No. 16, Li-Hsin Road, Science-Based Industrial Park, Hsinchu, Taiwar	a, R.O.C.
The Second ASSIGNEE referred to in this agreement is:	
(Name of Assignee)	
(Address)	
The Third ASSIGNEE referred to in this agreement is:	
(Name of Assignee)(Address)	
The First ASSIGNEE is	
(check one) an individual	
a partnership	
X a Corporation of Taiwan, R.O.C.	
(state or Country)	
The Second ASSIGNEE is	
(check one) an individual	
a partnership	
a Corporation of	
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(state or Country) The Third ASSIGNEE is	
(check one) an individual	
a partnership	
	
a Corporation of	
(state or Country)	
The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and o	
which is acknowledged, have and do hereby assign the following to each ASSIGNE	EE; their successors and assigns:
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an equal interest in and to the entire right, title and interest in and to	the PATENT RIGHTS in the invention; all
continuations, continuations-in-part, divisionals, re-issues, and re-ex	amination patents and patent applications; and
the right to claim priority under 35 U.S.C. 119, based on any earlier	foreign applications for this invention.
As to all U.S. Patent Applications assigned under this Agreement, the ASSIG	NOR(s) hereby authorize(s) and request(s) the
Director of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(s)	
the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE	
Further, the ASSIGNOR(s) agree(s) to communicate to said ASSIGNEE(s), o	
ASSIGNOR(s) respecting said invention, and testify in any legal proceedings, sign	
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and all Letters Patent to be issued to said ASSIGNEE(s), make all rightful oaths and	· · · · · · · · · · · · · · · · · · ·
able to aid said ASSIGNEE(s), their successors and assigns, to obtain an enforced p	- · · · · · · · · · · · · · · · · · · ·
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(Signature of sole or first assignor) IS FAMILY NAME)	7/30/2001
(Signature of sole or first assignor) IS FAMILY NAME)	(Date)
	, ,
(Signature of second assignor, if any) IS FAMILY NAME)	8/22/2001
(Signature of second assignor, if any) IS FAMILY NAME)	(Date)
(Signature of third assignor if any)	(Date)
(Signature of third assignor, if any)	(Date)
(Signature of third assignor, if any) (Signature of fourth assignor, if any)	(Date) (Date)

RECORDED: 01/04/2002

PATENT REEL: 012440 FRAME: 0215