06128104

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Street Address:  Additional name(s) of conveying party(ies)  3. Nature of Conveyance:    Assignment				<del></del>	UNDUCTOR INC.
Additional name(s) of conveying party(ies)  3. Nature of Conveyance:  X Assignment  Security Agreement  Other  Execution Date:  June 1, 2004  4. Application number(s) or patent number(s):  A Patent Application No.(s):  This application  TESSENI 0000017 10878824  40.00 0P  Additional numbers attached?  Additional name(s) & address(es) attached:  A Patent Application No.(s):  This application  TESSENI 0000017 10878824  40.00 0P  Additional numbers attached?  To the dest of my knowledge and belief, the foregoing information is true and correct and any attached copy is a frue copy of the original document.  Michael R. Hull -35,902  Name of Person Signing  San 136-1, Ami-Ri, Bubal-Uep, Ichon-Shi Kyungki-Do  REPUBLIC OF KOREA 467-860  City:  State:  Zip:  Additional name(s) & address(s) attached:  Ves X No  Additional name(s) & address(s) attached:  The execution date of the new application is:  June 1, 2004  B. Patent No.(s):  To Total fee (37 CFR 3.41) \$ 40.00  X Enclosed  Authorized to be charged to deposit account number:  Authorized to be charged to credit card (Form 2038 enclosed)  B. Deposit account number:  13-2855  (Attach duplicate copy of this page if paying by deposit account number:  Authorized to be charged to credit card any attached copy is a true copy of the original document.  Michael R. Hull -35,902  Name of Person Signing  Yes  X No  6. Total number of applications and patents involved:  1  7. Total fee (37 CFR 3.41) \$ 40.00  X Enclosed  Authorized to be charged to deposit account (Form 2038 enclosed)  B. Deposit account number:  13-2855  (Attach duplicate copy of this page if paying by deposit account number:  State:  S	-		İ		<u> </u>
3. Nature of Conveyance:    X   Assignment	attached?	/(ies) Yes	x No	San 136-1, Ami-Ri, Bu	ıbal-Uep, Ichon-Shi
Security Agreement Change of Name Other State: Zip: Execution Date: June 1, 2004 Additional name(s) & address(es) attached: Yes x No  4. Application number(s) or patent number(s): O 8 7 8 2 4  If this document is being filed together with a new application, the execution date of the new application is: June 1, 2004  A. Patent Application No.(s): This application IESSEM 0000017 10878824  40.00 0P Additional numbers attached? Yes x No  5. Name and address of party to whom correspondence concerning document should be mailed: Name: Michael R. Hull MARSHALL, GERSTEIN & BORUN LLP Internal Address: Atty. Dkt.: 29936/4024*7 Street Address: 233 S. Wacker Drive, Suite 6300 Sears Tower  City: State: Zip: Chicago IL 60606-6357  DO NOT USE THIS SPACE  9. Statement and 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.  Michael R. Hull - 35,902 Name of Person Signing  City: Signature  City: June 1, 2004  Additional name(s) & add	I — ·			, ,	
State:   Zip:   Additional name(s) & address(es) attached:   Yes   X   No	X Assignment	Merger		REPUBLIC OF KOHE	A 467-860
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Michael R. Hull - 35,902  Name of Person Signing  June 28, 2004  Signature  Date	9. Statement and signature.				
Name of Person Signing Signature Date	To the best of my knowledge is a true copy of the original d	and belief, the fo	regoing infor	mation is true and correct	and any attached copy
Name of Person Signing Signature Date	Michael B. Hull - 39	5 902	< YV	ANN	luna 00, 0004
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	Total number of pa	ages including cover	r sheet, attachn	nents, and documents: 3	

Signature: Man

Dated: June 28, 2004

(Richard Zimmermann)

Attorney Docket: 29936/40249

## ASSIGNMENT

Serial No:

Filed:

Title: X ADDRESS EXTRACTOR AND MEMORY FOR HIGH SPEED OPERATION

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign(s) to <a href="Hynix Semiconductor Inc.">Hynix Semiconductor Inc.</a>, of San 136-1, Ami-Ri, <a href="Bubal-Uep">Bubal-Uep</a>, Ichon-Shi, Kyungki-Do, Republic of Korea</a>, (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, and in said application and any and all other U.S. applications which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee. The undersigned also hereby authorizes the attorneys of Marshall, Gerstein & Borun to insert the filing date and serial number of this application in the blanks above when they become known.

The undersigned warrant(s) themselves (himself/herself) to be the owners (owner) of the interest herein assigned and to have the right to make this assignment and further warrant(s) that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agree(s), upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application that said assignee, its successors or assigns, may deem necessary or expedient, and for the aforesaid consideration the undersigned further agree(s) upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent in the United States and to vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

> PATENT REEL: 015532 FRAME: 0361

Attorney Docket: 29936/40249

SIGNED:

Date: \_\_JUNE 1,2004

Name: Min Young YOU

**RECORDED: 06/28/2004** 

PATENT REEL: 015532 FRAME: 0362