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1. NAME OF CONVEYING PARTY(IES) (100.0							
1. Byung Jae LEE 7-21-01 2. Joon Ho KIM 4. Kwang Rae CHO							
10. Today dail 14-Avi							
5. Sang Kwon LEE 6.							
7.							
ADDITIONAL NAME(S) (ANGCONVERYING) PARTY(IES) ATTACHED? ☐YES ⊠NO							
2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:							
NAME: HYNIX SEMICONSUNCT	OPP INC.				· • • • • • • • • • • • • • • • • • • •		
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ADDRESS: San 136-1, Ami-ri, Bubal-eub, Ichon-shi, Kyoungki-do, 467-860 (prea 2/2000)							
ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐YES ☒NO 🍫							
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(Submit herewith only one do			copies of same	e Assigi	nment signed by differe	ent inventors is one	
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CHANGE OF NAME	□ VERIFIE	D TRANSLATION					
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ASSIGNMENT DIFFER SEE AT	<u>TY!</u>) June 8,	2001					
4.5 APPL. NO.(S) OR PAT NO.(S). OTHER:		, , , , , , , , , , , , , , , , , , , 		_YES ⊠NO		
A. PAT. APP. NO.(S) M#		1st INVENTOR	B. PATENT N	10(S)	M#	1st INVENTOR	
series code/serial no		if not in item 1				if not in item 1	
09/886,465 27920							
5. Name & Address of Party to		spondence	6. NUMBER				
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ASSIGNMENT OF NONPROVISIONAL APPLICATION

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In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit: **INSERT Byung Jae LEE** Joon Ho KIM (1)(2)NAME(S) OF Young Jun NAM (4)**Kwang Rae CHO** (3)Sang Kwon LEE x box if continued on page 2 INVENTOR(S) (5)the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto: INSERT Hynix Semiconductor Inc. San 136-1, Ami-ri, Bubal-eub, Ichon-shi, Kyoungki-do 467-860, Korea NAME(S) OF ASSIGNEE(S) & ADDRESS(ES) (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as TITLE OF BUFFERING CIRCUIT IN A SEMICONDUCTOR DEVICE INVENTION for which the undersigned executed an application for Letters Patents of the United States of America: NOTE $\rightarrow \rightarrow$ (A) even date herewith (Complete on filed line A, B and/or C) (C) in U.S. Appln. No. AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legals representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE, AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred. The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for NOTE $\rightarrow \rightarrow$ recordation of this document. **INVENTORS** DATE SIGNED **WITNESSES** 1): June 8,200 Name: 2) Misun HAN Name: 3) Misun HAN Name: 4): Misun HAN Name: Kwang Rae CHO

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Sang Kwon LEE

RECORDED: 08/21/2001

5):

Name:

PAT-114 1/00

Misun HAN

June 8,200