	U.S. Department of Commerce
FORM PTO-1619A Expires 06/30/99 OMB 0651-0027 O1 - 14 - 2002	Patent and Trademark Office PATENT
Docket: CU-2781 VE PATENTS ONLY	ET L 698183620
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Conveying Party(ies) Mark if additional names of conv	eying parties attached Execution Date
Name (line 1) CHO, Seong Ik	Month Day Year 12 20 01
Name (line 2)	
Second Party Name (line 1)	Execution Date Month Day Year
Name (line 2)	10035082
Receiving Party Mark if additions	al names of receiving parties attached
Name (line 1) HYNIX SEMICONDUCTOR INC.	If document to be recorded is an assignment and the receiving party is not
Name (line 2)	domiciled in the United States, an appointment of a domestic
Address (Nine 1) San 136-1, Ami-ri, Bubal-eub, Ich'on	representative is attached. (Designation must be a separate document from
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Address (line 3) Kyoungki-do Republic of Korea City State/Country	Zip Code
Domestic Representative Name and Address Enter for the first Red	ceiving Party only.
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PATENT

FORM PTO Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Corresponde	ent Name and Address Area Code and Telephone Number (3)	12) 427-1300
Name [Vangelis Economou	
Address (line 1)	Ladas & Parry	
Address (line 2)	224 South Michigan Avenue	
Address (line 3)	Chicago, Illinois 60604	
Address (line 4)		
Pages	Enter the total number of pages of the attached conveyance document including any attachments.	# 4
Application I	Number(s) or Patent Number(s) Mark if addition	onal numbers attached
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Pate	nt Application Number(s) Patent Nu	mber(s)
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	being filed together with a <u>new</u> Patent Application, enter the date the patent application was named executing inventor.	s Month Day Year 12 20 01
Patent Coop	eration Treaty (PCT)	
-	PCT application number	PCT
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	not been assigned.	
Number of P	Enter the total number of properties involved. #	
Fee Amount	Fee Amount for Properties Listed (37 CFR 3.41): \$	40.00
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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. Charges to deposit account are authorized, as indicated herein.

Vangelis Economou

December 28, 2001 Date

Name of Person Signing

Reg. 32341

UNITED STATES OF AMERICA ASSIGNMENT

In consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for the other good and valuable consideration,

ASSIGNOR:

Name: Seong Ik CHO

Address: 107-1703, Sungwon Apt., 762-2, Seoshin-dong, Wansan-gu, Cheonju, Cheollabuk-

do, Korea

(INVENTOR NAME AND ADDRESS)

hereby sells, assigns and transfers to

ASSIGNEE:

Name: Hynix Semiconductor Inc.

Address: San 136-1, Ami-ri, Bubal-ebu, Ich'on, Kyoungki-do, Korea

(ASSIGNEE NAME AND ADDRESS)

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to, any and all improvements which are disclosed in the invention entitled:

DUTY CYCLE CORRECTION CIRCUIT

(TITLE)

and	which	is	found	in	(check	one	applic	cable	item	below)

☑ U.S. patent application execu	ted on even date herewith
U.S. Application Serial No.	filed on

and, in and to all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, substitute, reissue or re-examination thereof.

ASSIGNOR hereby convenants that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further convenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify

PATENT REEL: 012438 FRAME: 0061 as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/we have set our hand and seal

Tecember 20, 2001	Sich			
Date	INVENTOR: Seong Ik CHO			
Date	INVENTOR:			

0699P/1

RECORDED: 12/28/2001

PATENT REEL: 012438 FRAME: 0062