01-10-2002 FORM PTO-1619A **U.S. Department of Commerce** Expires 06/30/99 Patent and Trademark Office OMB 0651-0027 PATENT 101939947 L 698183474 R N FORM COVER SHEET Docket: CU-2724 VE PATENTS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies). Submission Type Conveyance Type x x Assignment **Security Agreement** Resubmission (Non-Recordation) License Change of Name Document ID# **Correction of PTO Error** Merger Other Reel# Frame # U.S. Government Corrective Document (For Use ONLY by U.S. Government Agencies) Reel# Frame # Departmental File Secret File Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date Month Day Year Name (line 1) JUNG, Tae Hyung 12 19 01 Name (line 2) **Execution Date** Second Party Month Day Year KIM, Kyung Duk Name (line 1) 12 19 01 Name (line 2) Receiving Party Mark if additional names of receiving parties attached If document to be recorded Name (line 1) HYNIX SEMICONDUCTOR INC. is an assignment and the receiving party is not Name (line 2) domiciled in the United States, an appointment of a domestic Address (line 1) Ich'on representative is attached. San 136-1, Ami-ri, Bubal-eub, (Designation must be a separate document from Address (line 2) Assignment.) Address (line 3) Kyoungki-do Republic of Korea Zip Code **Domestic Representative Name and Address** Enter for the first Receiving Party only. Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) FOR OFFICE USE ONLY

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Corresponde	ent Name and Address	Area Code and Telephone Number	(312) 427-1300
Name [Vangelis Economou		
Address (line 1)	Ladas & Parry		
Address (line 2)	224 South Michigan A	Avenue	
Address (line 3)	Chicago, Illinois 6	60604	
Address (line 4)			
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PATENT REEL: 012424 FRAME: 0768

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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: Tae Hyung JUNG

Address: 9-410, Daerim Apt., Eungbong-dong, Seongdong-gu, Seoul, Korea

Name: Kyung Duk KIM

Address: 81-40, Oryu 1-dong, Kuro-gu, Seoul, 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:

BANK CONTROL CIRCUIT IN RAMBUS DRAM AND SEMICONDUCTOR MEMORY DEVICE THEREOF

(TITLE)

and	l which	is	found	in	(check one	e applicable	item l	bel	low,)
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X	U.S. patent application exec	uted 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 REEL: 012424 FRAME: 0769 Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify 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

December 19, 2001

Date

Verenber 19, 2001

Date

Taltyung Jung
INVENTOR: Tae Hyung JUNG

INVENTOR: Kyung Duk KIM

0699P/I

PATENT REEL: 012424 FRAME: 0770