FORM PTO-1619A Expires 06/30/99 OMB 0551-0027



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

RECORDATION FORM COVER SHEET

TO: The Commissioner of Patents and Trademarks: Please record the attached original document (S) or Copy (185): Submission Type New	Docket: CU-2722 RJS DATENTS ONLY 1 400 170 00 1
Submission Type New	
Resubmission (Non-Recordation) License Change of Name U.S. Government Correction of PTO Error Reel # Frame # U.S. Government Correction of PTO Error Reel # Frame # Departmental File Secret File	
Correction of PTO Error Reel # Frame # U.S. Government Gover	
Reel # Frame #	1
Conveying Party(ies) Mark if additional names of conveying parties attached Month Day Year In 12 01 Name (line 2) Second Party Name (line 1) LEE, Yong Hwan Name (line 2) Receiving Party Name (line 1) Name (line 2) Receiving Party Name (line 1) Mark if additional names of receiving parties attached is an assignment and the recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.) Address (line 2) Address (line 3) Address (line 3) Address (line 3) For OFFICE USE ONLY	Reel # U.S. Government Corrective Document (For Use ONLY by U.S. Government Agencies)
Name (line 1) Name (line 2) Second Party Name (line 1) Name (line 2) Receiving Party Name (line 2) Receiving Party Name (line 2) Mark if additional names of receiving parties attached If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic Address (line 2) Address (line 2) Address (line 2) Address (line 3) Name Address (line 3) Address (line 3) Address (line 4) FOR OFFICE USE ONLY	Reel # Departmental File Secret File
Name (line 1) KIM, Sun Min Name (line 2) Second Party Name (line 1) LEE, Yong Hwan Name (line 2) Receiving Party Name (line 1) HYNIX SEMICONDUCTOR INC. Name (line 1) Address (line 2) Address (line 2) Address (line 2) Address (line 3) Address (line 3) Address (line 3) Address (line 4) FOR OFFICE USE ONLY	Conveying Party(ies) Mark if additional names of conveying parties attached Execution Date Month Day Year
Second Party Name (line 1) LEE, Yong Hwan Name (line 2) Receiving Party Name (line 1) HYNIX SEMICONDUCTOR INC. Name (line 1) Name (line 2) Address (line 1) Address (line 3) Name and Address (line 3) Name Address (line 3) Address (line 3) Address (line 4) Address (line 3) Address (line 4) Address (line 3) Address (line 4) FOR OFFICE USE ONLY	
Name (line 1) Receiving Party Mark if additional names of receiving parties attached If document to be recorded If document If	Execution Date
Receiving Party Name (line 1) HYNIX SEMICONDUCTOR INC. If document to be recorded is an assignment and the receiving party is not admiciled in the United States, an appointment of a domestic representative is statched. (Designation must be a separate document from Assignment.) Address (line 2) Republic of Korea City State/Country Zip Code Domestic Representative Name and Address Enter for the first Receiving Party only. Address (line 2) Address (line 3) Address (line 3) Address (line 3) For Office USE ONLY	Second Party
Name (line 1) HYNIX SEMICONDUCTOR INC. If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.) Address (line 2)	Name (line 2)
Name (line 1) HYNTX SEMICONDUCTOR INC. Is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.) Address (line 2) Republic of Korea Zip Code Domestic Representative Name and Address Enter for the first Receiving Party only. Name Address (line 2) Address (line 2) Address (line 3) For Office USE ONLY	Receiving Party Mark if additional names of receiving parties attached
Name (line 2) Address (line 1) San 136-1, Ami-ri, Bubal-ebu, Ich'on Address (line 2) Address (line 3) Kyoungki-do City State/Country Enter for the first Receiving Party only. Address (line 1) Address (line 2) Address (line 3) Address (line 3) Address (line 3) FOR OFFICE USE ONLY	Name (line 1) HYNIX SEMICONDUCTOR INC. is an assignment and the
Address (line 1) Address (line 2) Address (line 3) Republic of Korea State/Country Name Address (line 1) Address (line 3) For Office Use ONLY	Name (line 2) domiciled in the United States, an appointment
Address (line 2) Address (line 3) Kyoungki-do City State/Country 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	Address (line 1) San 136-1, Ami-ri, Bubal-ebu, Ich'on representative is attached. (Designation must be a
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) POR OFFICE USE ONLY	
Domestic Representative Name and Address Name	Address (line 3) Kyoungki-do Republic of Korea Zip Code
Address (line 1) Address (line 2) Address (line 3) Address (line 4) //23/2001 SSITHIB1 00000059 09989594 FOR OFFICE USE ONLY	The state of Address
Address (line 2) Address (line 3) Address (line 4) //23/2001 SSITHIB1 00000059 09989594 FOR OFFICE USE ONLY	Name
Address (line 3) Address (line 4) 1/23/2001 SSITHIB1 00000059 09989594 FOR OFFICE USE ONLY	Address (line 1)
Address (line 4) 1/23/2001 SSITHIB1 00000059 09989594 FOR OFFICE USE ONLY	Address (line 2)
1/23/2001 SSITHIB1 00000059 09989594 FOR OFFICE USE ONLY	Address (line 3)
FOR OFFICE USE ONLY	Address (line 4)
	1/23/2001 SSITHIB1 00000059 09989594

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0551-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:

Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231

PATENT

.@B			
FORM PTO Expires 06/30/99 OMB 0651-0027	-1619B	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Corresponde	ent Name and Address	Area Code and Telephone Number	(312) 427-1300
Name [Richard J. Streit		
Address (line 1)	Ladas & Parry		
Address (line 2)	224 South Michigan Ave	enue	
Address (line 3)	Chicago, Illinois 606	04	
Address (line 4)			
Pages	Enter the total number of pagincluding any attachments.	jes of the attached conveyance docum	ent # 4
If this document is signed by the first Patent Coop Ente	ent Application Number(s)	atent Number (DO NOT ENTER BOTH numbers fo	Number(s)
Number of P	roperties Enter the tota	al number of properties involved. #	1
Deposit	of Payment: Enclos Account payment by deposit account or if addit De	or Properties Listed (37 CFR 3.41): \$ sed X Deposit Account ional fees can be charged to the account.) eposit Account Number: # uthorization to charge additional fees:	
Statement a	nd 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 do to

indicated herein.

Reg. 25765

Richard J. Streit

Name of Person Signing

PATENT REEL: 012319 FRAME: 0867

it account are authorized, as

November 20, 2001

Date

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: Sun Min KIM

Address: 27-1109, Samho Apt., Wolgye-dong, Nowon-gu, Seoul, Korea

Name: Yong Hwan LEE

Address: Hyundai Electronics Youngdong Bldg., 891, Daechi-dong, Kangnam-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:

SENSE AMPLIFIER CIRCUIT FOR SEMICONDUCTOR DEVICE

(TITLE)

and	l which	15	found	in	(check	one	appl	ical	ble	item	bel	low,)
-----	---------	----	-------	----	--------	-----	------	------	-----	------	-----	------	---

☑ 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;

PATENT REEL: 012319 FRAME: 0868 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 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

November 12, 2001	Sun Min, Kim
Date	INVENTOR: Sun Min KIM
2001. 11. 12	Jonghman Lee
Date	INVENTOR: Yong Hwan LEE

0699P/1

RECORDED: 11/20/2001

PATENT REEL: 012319 FRAME: 0869