## Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:			NEW ASSIGNMENT		
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY DATA					
		N	lame	Execution Date	
JONG HWAN KIM 03/12/2007					
RECEIVING PARTY DATA					
Name:	HYNIX SEMI	COND	UCTOR INC.		
Street Address:	San 136-1, Ami-ri, Bubal-eub, Icheon-si				
	Kyoungki-do				
State/Country:	KOREA, REPUBLIC OF				
PROPERTY NUMBERS Total: 1					
Property Type			Number		
Application Number: 11648		11648	444		
CORRESPONDENCE DATA					
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ATTORNEY DOCKET NUMBER:			CU-5429 WWP/NK		
NAME OF SUBMITTER:			Richard J. Streit		
Total Attachments: 2 source=cu5429assign#page1.tif source=cu5429assign#page2.tif					

# 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 : Jong Hwan KIM Address : 803-804, Booyoung Apt., Geumcheon-dong, Sangdang-gu, Cheongju-si, Chungcheongbuk-do, Korea

### (INVENTOR NAME AND ADDRESS)

hereby sells, assigns and transfers to

### ASSIGNEE: Name : Hynix Semiconductor Inc. Address : San 136-1, Ami-ri, Bubal-eub, Icheon-si, 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:

INPUT/OUTPUT LINE PRECHARGE CIRCUIT AND SEMICONDUCTOR MEMORY DEVICE INCLUDING INPUT/OUTPUT LINE PRECHARGE CIRCUIT

#### (TITLE)

and which is found in (check one applicable item below)

U.S. patent application executed on even date herewith

U.S. Application Serial No. <u>11/648,444</u> filed on <u>Dec. 29, 2006</u>

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 as to the same in any interference or litigation related thereto and will promptly execute and

### PATENT REEL: 019087 FRAME: 0436

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

March 12, 2007

Date

INVENTOR: Jong Hwan KIM

Date

INVENTOR:

0699P/1