502047941 09/05/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jung-Hwan LEE	08/31/2012

RECEIVING PARTY DATA

Name:	SK HYNIX INC.	
Street Address:	2091, Gyeongchung-daero, Bubal-eub, Icheon-si	
City:	Gyeonggi-do	
State/Country:	KOREA, REPUBLIC OF	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13603539

CORRESPONDENCE DATA

 Fax Number:
 5713275452

 Phone:
 571-327-5450

 Email:
 ipntlaw@ipntlaw.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: IP & T GROUP LLP
Address Line 1: 8230 Leesburg Pike

Address Line 2: Suite 650

Address Line 4: Vienna, VIRGINIA 22182

ATTORNEY DOCKET NUMBER: P12H0127/US

NAME OF SUBMITTER: Jun Jeong Park

Total Attachments: 1

source=P12H0127US-Assignment#page1.tif

PATENT REEL: 028897 FRAME: 0189

ASSIGNMENT OF PATENT APPLICATION

WHEREAS I/We, the below named inventor(s) has made an invention entitled:
SEMICONDUCTOR DEVICE AND METHOD FOR DRIVING THE SAME
For which I/We executed an application for Letters Patent of the United States concurrently herewith; and/or For which I/We filed an application for Letters Patent of the United States on(Application N
BE IT KNOWN that, for good and valuable consideration, the receipt of which is hereby acknowledged, I/We, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto SK hynix Inc., a corporation of the Republic of Korea, whose post office address is 2091, Gyeongchung-daero, Bubal-eub, Icheon-si, Gyeonggi-do, Korea (hereinafter referred to as Assignee), its lawful successors and assigns my/our entire right, title, and interest in and to this application and the invention(s) and improvement(s) set forth therein; and any and all continuations, continuations-in-part, divisionals, and renewals of and substitutes for said application for said Letters Patent and any and all Letters Patent of the United States and of countries foreign theret which may be granted thereon or therefore; and any reissues, reexaminations, or extensions of all such Letters Pater
I/WE HEREBY authorize the Assignee, its lawful successors and assigns to apply for Letters Patent in all countries foreign to the United States directly in its own name, and to claim priority of the filing date of any of the above-mentioned applications for Letters Patent of the United States and of countries foreign thereto under the provisions of any and all international conventions and treaties.
I/WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States and officia of any country or countries foreign to the United States, whose duty it is to issue patents on applications as foresaid, to issue all Letters Patent for this invention to the Assignee, its successors and assigns, in accordance with the terms of this Assignment;
AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, an I/We have not executed and will not execute any agreement in conflict with this Assignment;
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with said Assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and in countries foreign thereto, it being understood that any expense incident to the execution of sucl papers shall be borne by the Assignee, its successors and assigns.
AND, I/WE HEREBY authorize and request the attorneys of record to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been known to them by the United States Patent and Trademark Office.
IN TESTIMONY WHEREOF, I/We have hereunto set our hands.
Signature of first assignor: Name of first assignor: Address: LEE Jung - Hwan Date August 31, 2012 LEE, Jung-Hwan 2091, Gyeongchung-daero, Bubal-cub, Icheon-si, Gyeonggi-do, Korea
Signature of second assignor: Name of second assignor: Address: Date

Page 1of 1