10/22/2014 503028872

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DUCK HWA HONG	09/17/2014
SANG IL PARK	09/17/2014

RECEIVING PARTY DATA

Name:	SK HYNIX INC.	
Street Address:	2091, GYEONGCHUNG-DAERO, BUBAL-EUB	
City:	ICHEON-SI GYEONGGI-DO	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	60521	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14520435

CORRESPONDENCE DATA

Fax Number: (630)908-7653

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: WILLIAM PARK & ASSOCIATES PATENT LTD.

Address Line 1: 930 N. YORK ROAD, SUITE 201 Address Line 4: HINSDALE, ILLINOIS 60521

ATTORNEY DOCKET NUMBER:	PA1896-0
NAME OF SUBMITTER: WOOCHOON W. PARK	
SIGNATURE:	/Woochoon W. Park/
DATE SIGNED:	10/22/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT REEL: 034003 FRAME: 0019 503028872

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention	SEMICONDUCTOR DEVICE		
Declaration	filed The above-identified application was I believe that I am the original or al application I hereby acknowledge that any v	or or PCT international application number	
Assignment	NOW, THEREFORE, in consideration of the sum of one dollar (\$1), the receipt whereof is acknowledge, and other good and valuable consideration, I, by these presents do sell, assign and transfer unto said assignee(s) SK Hynix Inc. 2091, Gyeongchung-daero, Bubal-eub, Icheon-si, Gyeonggi-do 467-734, Korea, and the heirs, successors, assigns and legal representatives of the assignee(s) the full and exclusive right to the said invention in the United States and in its territorial possessions and in any and all foreign countries any and all improvements thereof, the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee(s), of the entire right, title, and interest in and to the same, for his sole use and for the use of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made. I agree promptly upon request of the assignee(s), its heirs, successors, assigns and legal representatives of the assignee(s) to communicate any facts known to it respecting the patent and the invention set forth therein, and to execute and deliver without further compensation any power of attorney. Assignment, application, whether original, continuation, divisional or reissue, or other papers that may be necessary. I hereby covenant that no assignment, sale agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale. I further covenant that assignee(s) 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 me and will testify as to the same in any litigation related thereto and will promptly execute and deliver to assig		
Legal Name	Inventor Name (First Middle LAST):	Duck Hwa HONG	
Of inventor	Inventor Signature:	DUCK HWO HONG	
	Date:	September 17, 2014	

A total of 1 supplemental sheet(s) are attached hereto for additional inventors, if any.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Legal Name Of Joint Inventor, If Any	Inventor Name (First Middle LAST):	Sang II PARK
	Inventor Signature:	Sang Il Park
	Date:	September 17, 2014
		
Legal Name	Inventor Name (First Middle LAST):	
Of Joint Inventor, If	Inventor Signature:	· · · · · · · · · · · · · · · · · · ·
Any	Date:	
Legal Name	Inventor Name (First Middle LAST):	
Of Joint Inventor, If	Inventor Signature:	
Any	Date:	
Legal Name	Inventor Name (First Middle LAST):	
Of Joint Inventor, If	Inventor Signature	
Any	Date:	
Legal Name	Inventor Name (First Middle LAST):	
Of Joint Inventor, If	Inventor Signature:	
Any	Date:	
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Legal Name Of Joint Inventor, If Any	Inventor Name (First Middle LAST):	
	Inventor Signature:	
	, Date:	~
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Legal Name Of Joint Inventor, If Any	Inventor Name (First Middle LAST):	
	Inventor Signature:	
	Date:	