11/12/2015 503567300

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3613927

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WON KYUNG CHUNG	11/06/2015
SAENG HWAN KIM	11/06/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14939699

CORRESPONDENCE DATA

Fax Number: (630)323-0335

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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Email: uspto.actions@wpapat.com

Correspondent Name: WILLIAM PARK & ASSOCIATES LTD. Address Line 1: 930 N. YORK ROAD, SUITE 201

Address Line 4: HINSDALE, ILLINOIS 60521

ATTORNEY DOCKET NUMBER:	PA2503-0	
AME OF SUBMITTER: WOOCHOON W. PARK		
SIGNATURE:	/Woochoon W. Park/	
DATE SIGNED: 11/12/2015		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

source=PA2503-0_Declaration_Assignment#page1.tif source=PA2503-0 Declaration Assignment#page2.tif

PATENT REEL: 037108 FRAME: 0552 503567300

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

Yille of invention	SEMICONDUCTOR DEVICES AND SEMICONDUCTOR SYSTEMS INCLUDING THE SAME	
Decleration	As the below named inventor(s), I hereby declare that: The declaration is directed to: The attached application, or United States application or PCT international application number PCT/KR\$#\$##################################	
Assignment	punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years	
è	Inventor Name (First Middle LAST): Wan Kyung CHUNG	
Legal Name Of Inventor	Inventor Signature: #2/20%	
	Uaxe: \	

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

Paga 1(HYP15806/US)



DECLAPATION (37 CPR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.78) AND ASSIGNMENT

Legal Name Of Joint inventor, If Any	Inventor Name (First Middle LAST):	Saeng Hwan KIM
	Inventor Signature:	***************************************
	Date	06- Hos. 2015
Legal Name Of Joint Inventor, If	Invenior Name (First Middle LAST):	
	inventor Signature;	
Any	Date	
Legal Name	invenior Name (First Middle LAST)	
Of Joint Inventor, if Any	foventor Signature:	
	Oats:	
Legal Name	Inventor Name (First Middle LAST):	
Of Joint Inventor, if	inventor Signature	
Any	Oete:	
Legal Name	inventor Name (First Middle LAST)	
Of Joint		
Inventor, If Any	Inventor Signatore	
	Date	
Legal Name Of Johnt Inventor, II Any	Inventor Name (First Middle LAST)	
	Inventor Signature:	
	Dats:	
Legal Name	Inventor Name (First Middle LAST):	
Of Joint Inventor, if	Inventor Signature	
Any	Date:	

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RECORDED: 11/12/2015

PATENT

REEL: 037108 FRAME: 0554