Form PTO-1595 (Rev. 03-11) OMB No. 0651-0027 (exp. 04/30/2015)

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RECORDATION FORM COVER SHEET					
PATENTS ONLY					
To the Director of the U.S. Patent and Trademark Office: Pleas	se record the attached documents or the new address(es) below.				
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)				
Sung Wook CHO!	Name: SK hynix Inc.				
,	Internal Address:				
Additional name(s) of conveying party(ies) attached? Yes No					
3. Nature of conveyance/Execution Date(s):	Street Address: 2091, Gyeongchung-daero, Bubal-oub				
Execution Date(s) March 5, 2013	and the second s				
Security Agreement Change of Name	City: Icheon-si Gyeonggi-do				
Joint Research Agreement	State:				
Government Interest Assignment					
Executive Order 9424, Confirmatory License	Country: KR Zip:				
Other	Additional name(s) & address(es) attached?  Yes No				
4. Application or patent number(s):   This document is being filed together with a new application,					
A. Patent Application No.(s) 13/844,898	B. Patent No.(s)				
Additional numbers atta	ached? Yes No				
	6. Total number of applications and patents involved: 1				
Name:William Park & Associates, LTD	7. Total fee (37 CFR 1.21(h) & 3.41) \$				
Internal Address:	, , , , , , , , , , , , , , , , , , ,				
	Authorized to be charged to deposit account				
Street Address: 930 N. York Rd., Suite 201	Enclosed				
	None required (government interest not affecting title)				
City; Hinsdale	8. Payment Information				
State; <u>IL</u> Zip£0521	I				
Phone Number: <u>630-908-7652</u>					
Docket Number:PA1165-0	Deposit Account Number				
Email Address: uspto.actions@wpapat.com	Authorized User Name				
9. Signature:	5/22/2013				
Signature	5/22/2013 Date				
Gabriel Lowe	Total number of pages including cover sheet, attachments, and documents:				
Name of Person Signing  Documents to be recorded (Including cover sheet)	) should be faxed to (571) 273-0140, or mailed to:				
Mall Stop Assignment Recordation Services, Director of	the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450				

PATENT

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03/16/2017

## PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

Total Attachments: 1

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SUBMISSION TYPE:	SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVE	NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	CONVEYING PARTY DATA					
	<b>**</b>	Nan	me	E	!	
Sung Wook CHOI				Execution Date 03/15/2013		
RECEIVING PARTY DATA						
Name;	SK hynix Inc	·				
Street Address:	2091, Gyeor	ngchung-da	aero, Bubal-eub			
City:	Icheon-si Gy	yeonggi-do				
State/Country:	KOREA, RE	PUBLIC O	F			
PROPERTY NUMBERS Total: 1						
Property Ty		12944900	Number			
		13844898				
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**PATENT** 

## DECLARATION (37 CFR 1.83) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention	REGULATOR, VOLTAGE GENERATOR AND SEMICONDUCTOR MEMORY DEVICE			
Dociaration	PCT/KR####################################	i, or i 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, it, by these presents do sell, assign and transfer unto said assignee(s).  [SK hynix Inc.]  [2091, Gyeongchung-daero, Bubal-sub, Ichiban-st, Gyeonggl-do 467-734, Republic of Korga]  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 anglets any and all Patents which may be granted therefore in the United States. Thereby 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 ig the full and 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, as the same would have been held by me had this assignment and sale not been made or entered into the sasignee(s) to communicate any facts known to ill respecting the patent and the transfer 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 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 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 no assignment, sale agreement or encumbrance has been or will be perfunen			
Logal Nama	Inventor Name (First Middle LAST):	Militaria de la companio del la companio de la companio del la companio de la companio del la companio de la companio de la companio del la compani		
Of inventor	Inventor Signature:	Sury Wook Choi		
	Date:	March 5, 2013		

SKhynix \*de5c930a-8b20\*

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