## 502697907 02/26/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2744512

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HAE SOO KIM	02/19/2014

## RECEIVING PARTY DATA

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

#### PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14191088	

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	PA1547-0	
NAME OF SUBMITTER:	WOOCHOON W. PARK	
Signature:	/Woochoon W. Park/	
Date:	02/26/2014	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 1** 

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PATENT REEL: 032360 FRAME: 0680

# DECLARATION (37 CFR 1.62) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention	SEMICONDUCTOR MEMORY DEVICE AND ERASING METHOD THEREOF		
Ceclaration	As the below named inventor(s). I he The declaration is directed to # The attached application, or United States application or		
	I believe that I am the original or a application I hereby acknowledge that any v	s made or suthorized to be made by me. It original joint inventor of a deimed invention in the wilful false statement made in this declaration is fine or imprisonment of not more than five (5) years	
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 self assign and transfer unto said assignee(s).  [SK hynix Inc.]  [2091, Gyeongchung-daero, Bubal-sub, Icheon-si, Gyeonggi-do, Republic of Korsa] and the heirs successors assigns and legal representatives of the assignee(s) the full and excusive right to the said invention, in the United States and in its territonal possessions and in any and all toneign countries any and all improvements thereof the entire rights. It is and interest in and to saily authorize and request the Director of the U.S. Pattent 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 sois use and for the use of his logal 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 assignment, and to execute and deliver without further compensation any power of altorney. Assignment, application, whether original continuation, divisional or reissue, or other papers that may be necessary.  I hereby coverant that passignee(s) will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and segal aquivalents as may be known and accessible to me and will testify as to the same in any integration related thereto and will promptly execute and deliver to assignee(s) 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.		
Legal Name Of inventor	Inventor Name (First Middle LAST)	Has Soo &IM	
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A total of 1 supplemental sheet(s) are attached hereto for additional inventors, if any

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PATENT REEL: 032360 FRAME: 0681

RECORDED: 02/26/2014