503908606 07/11/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT

EPAS ID: PAT3955258

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BEOM YONG KIM	05/27/2016
SOO GIL KIM	05/27/2016
WON KI JU	05/27/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15206092

CORRESPONDENCE DATA

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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: docketing@ampacc.com

Correspondent Name: AMPACC LAW GROUP, PLLC

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Address Line 4: MOUNTLAKE TERRACE, WASHINGTON 98043

ATTORNEY DOCKET NUMBER:	K100AJ-066500US	
NAME OF SUBMITTER:	KEVIN W. RAUDEBAUGH	
SIGNATURE:	/Kevin W. Raudebaugh/	
DATE SIGNED:	07/11/2016	

Total Attachments: 2

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PATENT 503908606 REEL: 039299 FRAME: 0593

Attorney Docket No.: K100AJ-066500US Client Reference No.: HYP16613/US

DECLARATION AND ASSIGNMENT OF PATENT APPLICATION

As a below named inventor, I hereby declare that:

This declaration is directed to the application attached hereto, or if not attached hereto. the below-identified application:

Title of Invention:

SWITCHING DEVICE, METHOD OF

FABRICATING THE SAME, AND RESISTIVE RANDOM ACCESS MEMORY INCLUDING THE

SWITCHING DEVICE AS A SELECTION

DEVICE

Filing Date:

July 8, 2016

Application No.:

15/206,092

Attorney Docket No.: K100AJ-066500US

The application was made or authorized to be made by me;

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statements made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, the below named individual(s), hereinafter referred to as "Assignors," are the inventor(s) of the invention described and set forth in the above-identified application for United States Letters Patent;

WHEREAS, SK hymx Inc., located at 2091, Gyeongchung-daero, Bubal-eub, Gyeonggi-do, Icheon, Republic of Korea, hereinaster referred to as "ASSIGNEE," is desirous of acquiring ASSIGNORS' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all their right, title and interest in and to the said invention and application including any corresponding foreign application, and in and to any Letters Patent which may hereafter be granted on the same in the United States and any corresponding foreign application, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute. verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Declaration and Assignment

Attorney Docket No.: K100AJ-066500US Client Reference No.: HYP16613/US

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Assignors hereby authorize and request AMPACC Law Group, PLLC, 6100 219th Street SW, Suite 580, Mountlake Terrace, WA 98043, to insert herein above the title, application number, and filing date of said application when known.

IN TESTIMONY WHEREOF, each below named inventor, collectively Assignors, has signed on the dates indicated.

Beom Yong Kim
Inventor's Name: Beom Yong KIM

See Gil Kim

Inventor's Name: Soo Gil KIM

Won Ki Ju

Inventor's Name: Won Ki JU

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SKhynix

RECORDED: 07/11/2016

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