503798629 04/25/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYUNG-DONG LEE	04/12/2016
BONG-HOON LEE	04/12/2016
SEONG-HYUN KIM	04/12/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15136346

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: K100SS-065600US

NAME OF SUBMITTER: STEVE Y. CHO

SIGNATURE: /STEVE Y. CHO/

DATE SIGNED: 04/25/2016

Total Attachments: 2

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PATENT 503798629 REEL: 038521 FRAME: 0278

Attorney Docket No.: K100SS-065600US Client Reference No : P15H0261/US/hw

ASSIGNMENT OF PATENT APPLICATION

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

Title of Invention:

THRESHOLD SWITCHING DEVICE AND

ELECTRONIC DEVICE INCLUDING THE SAME

Filing Date:

April 22, 2016

Application No.:

15/136,346

WHEREAS, SK hynix inc. of 2091, Gyeongchung-dacro, Bubal-cub, Icheon-si, Gyeonggi-do, Republic of Korea, hereinafter 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 Assignees, and Assignees' 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 Assignces 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 Assignce 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.

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

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

4/12/2017

Mame LEE Hyung Dong

Bong Horn Lee

4/12/2016

Name: LEE, Bong-Hoos

Assignment Attorney Docket No.: K100SS-065600US Page 2

4/12/12016 Date:

Seong Hyur Kom

Name: KIM, Seong-Hyun

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