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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY	ΟΑΤΑ					
		Name	Execution Date			
HYUN HO LEE			07/01/2015			
JONG MAN KIM			07/01/2015			
RECEIVING PARTY D	ΑΤΑ					
Name:	SK HYN	SK HYNIX INC.				
Street Address:	2091, G	2091, GYEONGCHUNG-DAERO, BUBAL-EUB, ICHEON-SI				
City:	GYEON	GYEONGGI-DO				
State/Country:	KOREA	KOREA, REPUBLIC OF				
PROPERTY NUMBER	S Total: 1					
Property Type		Number				
Application Number:		14821445				
CORRESPONDENCE						
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ATTORNEY DOCKET NUMBER:		PO150077HD				
NAME OF SUBMITTER:		JUN JEONG PARK	JUN JEONG PARK			
SIGNATURE:		/Jun Jeong PARK/	/Jun Jeong PARK/			
DATE SIGNED:		08/07/2015				
		This document serves as an Oath/I	Declaration (37 CFR 1.63).			
Total Attachments: 2		•				
source=Po150077HD_D	eclaration	Assignment#page1.tif				

	Attorney Docke	Attorney Docket No.:					
	ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT						
WHEREA	S, Hyun Ho LEE and Jong Man KIM						
hereinafter	referred to collectively as the assignor and inventor, has invented a certain improvem	ent rel:	ating to	ŀ			
	SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE	SAM	E				
[O] said applic	ation being attached hereto;						
	ation having been filed in the United States Patent and Trademark Office on, as Application Serial No,	and	was	amended			
on	(if applicable);						
[] the specific	ation of which was filed under the Patent Cooperation Treaty on	?					

AND WHEREAS, SK hynix Inc. of 2091, Gyeongchung-daero, Bubal-eub, Icheon-si, Gyeonggi-do, Republic of Korea, hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignce to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignce, and said assignce's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, said assignce, and said assignce's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations, thereof, for the use and benefit of said assignee, and said assignce's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made 80

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

As an above-named inventor, I hereby declare that the above-identified application was made or authorized to be made by me, and 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 statement 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.

ASSIGNOR (INVENTOR):

Signature:

Date: 2015-09.01

PATENT

²⁰REEL:¹³836281²FRAME: 0356

Printed or Typed Name: Hyun Ho LEE

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이현호/PJT/주간통상/4792

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

ASSIGNOR (INVENTOR):

Jong Man Kim Date: 01 July 2015 Signature:

Printed or Typed Name: Jong Man KIM

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PATENT REEL: 036281 FRAME: 0357

RECORDED: 08/07/2015