504986718 07/02/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5033464

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date	
JANG HWAN JUN	06/25/2018	

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16025407

CORRESPONDENCE DATA

Fax Number: (571)327-5452

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.

Phone: 571-327-5450

Email: ipntlaw@ipntlaw.com

Correspondent Name: IP & T GROUP LLP

Address Line 1: 8230 LEESBURG PIKE SUITE 650

Address Line 4: VIENNA, VIRGINIA 22182

ATTORNEY DOCKET NUMBER:	PO170784HD
NAME OF SUBMITTER:	JUN JEONG PARK
SIGNATURE:	/Jun Jeong Park/
DATE SIGNED:	07/02/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 1

source=Po170784HD_Assignment Declaration#page1.tif

PATENT 504986718 REEL: 046253 FRAME: 0237

	[세종, PTPUS201701007]
Attomey	Docket No.:

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS, Jang Hwan JUN

hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to

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MEMORY SYSTEM AND METHOD OF OPERATING THE SAME			
[O] said application being attached hereto;			
[] said application having been filed in the United States Patent and Trademark Office on			
, as Application Serial No.	_, and	was	amended
on(if applicable); [] the specification of which was filed under the Patent Cooperation Treaty on			
Serial No, the United States of America being designated.			
AND WHEREAS, SK hynix Inc. of 2091, Gyeongchung-daero, Buhal-eub, Icheon-si, Gy Korea, hereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right said application, including any and all divisions and continuations thereof, and in and to said invert patients which may be granted therefor, including any and all renewals, reissues and prolongations NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), an consideration paid by said assignee to said assigner, the receipt of which is hereby acknowle assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full a interest in and to said application, including any and all divisions and continuations thereof, and is any and all patents which may be granted therefor, including any and all renewals, reissues and assignee, and said assignee's successors and assignee, and said assignee's successors and assignee, to have, hold exercise and enjoy the said applications and continuations thereof, and the said invention and any and all patents which including any and all renewals, reissues and prolongations thereof, with all the rights, powers, p anywise arising from or appertaining thereto, for and during the term or terms of any and all including any and all renewals, reissues and prolongations thereof, for the use and benefit assignee's successors and assigns, in as ample and benefiticial a manner as the said assignor migenjoyed the same, if this assignment had not been made. AND said assignor hereby agrees to perform, upon the request of said assignee, or sa	title and thereof; dother g dged, said and to g prolongatolication, may be rivileges such pate of said a ght or cou	interes any and ood an I assig ive righ said inv tions th includi grante and ad nts who ssigned ald hav	t in and to i all id valuable nor hereby it, title and vention and iereof; said ing any and d therefor, vantages in on granted, t, and said e held and
assigns, any and all acts relating to the obtaining or to the asserting of said patents, including an and prolongations thereof. AND said assignor authorizes and requests the Commissioner of Patents and Trademark	y and all	renewa Letter	ls, reissues s Patent on
said application, and on any and all divisions and continuations thereof, to said assignee, and sai assigns, in accordance herewith.	d assigne	e's suci	cessors and
As an above-named inventor, I hereby declare that the above-identified application wa made by me, and that I am the original inventor or an original joint inventor of a claimed invention	s made or i in the ap	r autho oplicati	rized to be on.
I hereby acknowledge that any willful false statement made in this declaration is punish by fine or imprisonment of not more than five (5) years, or both.	able unde	er 18 U	LS.C. 1001
ASSIGNOR (INVENTOR):			
Signature: Janghwar Jun Date: 2018/6/25	~		
Printed or Typed Name: Jang Hwan JUN			

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RECORDED: 07/02/2018

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