505017663 07/24/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5064411

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
EU-JOON BYUN	07/13/2018	

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:	16043714

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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ATTORNEY DOCKET NUMBER:	P17H0289/US
NAME OF SUBMITTER:	KEON WOO PARK
SIGNATURE:	/Keon Woo Park/
DATE SIGNED:	07/24/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 1

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PATENT REEL: 046443 FRAME: 0517 505017663

Attorney	Docket No.:	

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS BYUN, Eu-Joon		_, here	inafter
referred to collectively as the assignor and inventor, has invented a certain improvement relating to			
MEMORY SYSTEM AND OPERATING METHOD THEREOF			
[X] said application being attached hereto:		•••••	^
as Application Serial No. 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 v	vas ;	amended
AND WHEREAS <u>SK hynix Inc.</u> hereinalier referred to as the assignee or applicant, is desirous of acquiring the entire right, title and intapplication, including any and all divisions and continuations thereof, and in and to said invention and which may be granted therefor, including any and all renewals, reissues and prolongations thereof;	terest in:	and to all pa	said tents
NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and of consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and einterest in and to said application, including any and all divisions and continuations thereof, and in any and all patents which may be granted therefor, including any and all renewals, reissues and processignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said applicated all divisions and continuations thereof, and the said invention and any and all patents which may including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privile anywise arising from or appertaining thereto, for and during the term or terms of any and all such including any and all renewals, reissues and prolongations thereof, for the use and benefit of assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might enjoyed the same, if this assignment had not been made.	d, said a exclusive nd to said longation stiem, inc ay be granges and a said assid	ssigno right, I inver as ther duding ranted i adva when gnee,	or hereby title and nition and reof; said any and therefor, ntages in granted, and said
AND said assignor hereby agrees to perform, upon the request of said assignee, or said assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and prolongations thereof.	issignee' id all rer	s succ iewals	essors or , reissues
AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to said application, and on any and all divisions and continuations thereof, to said assignee, and said as assigns, in accordance herewith.	issue Li isignee's	etters l succe:	Patent on ssors and
As an above-named inventor, I hereby declare that the above-identified application was made by me, and that I am the original inventor or an original joint inventor of a claimed invention in	ade or a the appl	uthoris	zed to be i.
I hereby acknowledge that any willful false statement made in this declaration is punishable by fine or imprisonment of not more than five (5) years, or both.	e under	is U.S	i.C. 1001
ASSIGNOR (INVENTOR):	. 9	ŧ.	
Signature: BYUN, Eu-Joon Date: 2018 -07)	
Printed or Typed Name: BYUN, Eu-Joon			
Page 1 of 1			

SK hynix

RECORDED: 07/24/2018

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