PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 **EPAS ID: PAT3877253**

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BYUNG-SOO JUNG	04/14/2016

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:	15157234

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.

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Address Line 2: SUITE 650

Address Line 4: VIENNA, VIRGINIA 22182

ATTORNEY DOCKET NUMBER:	P15H0270/US
NAME OF SUBMITTER:	JUN JEONG PARK
SIGNATURE:	/Jun Jeong PARK/
DATE SIGNED:	05/17/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 1

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PATENT REEL: 038741 FRAME: 0813

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Attorney Docket No.:	
ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT	
WHEREAS JUNG, Byung-Soo	
hereinafter referred to collectively as the assignor and inventor, has invented a certain improvement relating to	
MEMORY SYSTEM AND OPERATION METHOD THEREOF	
[X] 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	amendec
on	
I the specification of which was filed under the Patent Cooperation Treaty on,	
Serial No, the United States of America being designated.	
AND WHEREAS BY Lowery Inc.	
AND WHEREAS SK hynix Inc. sereinafter referred to as the assignee or applicant, is desirous of acquiring the entire right, title and interest in and application, including any and all divisions and continuations thereof, and in and to said invention and any and all the body has been accounted thereof.	l to said 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 ar consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged, said assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive riginterest in and to said application, including any and all divisions and continuations thereof, and in and to said invariant and all patents which may be granted therefor, including any and all renewals, reissues and prolongations the assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and adminywise arising from or appertaining thereto, for and during the term or terms of any and all such patents who including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have enjoyed the same, if this assignment had not been made. AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors.	nor hereby ht, title and vention and nereof; said cluding any ed therefor vantages in en granted e, and said ce held and
issigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewall prolongations thereof.	ocessors of ds, reissues
AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letter said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successigns, in accordance herewith.	s Patent or cessors and
As an above-named inventor, I hereby declare that the above-identified application was made or authonade by me, and that I am the original inventor or an original joint inventor of a claimed invention in the applicat	rized to be ion.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 Loy fine or imprisonment of not more than five (5) years, or both.	J.S.C. 100)
ASSIGNOR (INVENTOR):	
2 Daniel Carling	

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Printed or Typed Name: __JUNG, Byung-Soo