505972989 03/18/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6019697

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IN JUNG	03/16/2020

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:	16822332

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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Correspondent Name: IP & T GROUP LLP

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Address Line 4: VIENNA, VIRGINIA 22182

ATTORNEY DOCKET NUMBER:	FP19-1934/HNX/US	
NAME OF SUBMITTER:	JEONGSOOK YI	
SIGNATURE:	/Jeongsook YI/	
DATE SIGNED: 03/18/2020		
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 1

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PATENT 505972989 REEL: 052150 FRAME: 0858

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT IVX000143235

Attorney Docket No.: FP19-1934/HNX/US

ASSIGNMENT OF AND DECLARATION FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS In JUNG , hereinaff	ter referred to collectively as the assignor and inventor, has invented a
certain improvement relating to	
MEMORY SYSTEM, MEMORY CONTROLLER	AND OPERATING METHOD.
[X] said application being attached hereto; as Application having been filed in the United , as Application , as Application	n Serial No, and was amended, and Cooperation Treaty on,
	$oldsymbol{\psi}^{\prime}$
AND said assigner the data assigneer to perfect the same, if this assignment had not been in assigneer's successors and assigneer, and said assigneer's successors and assigneer, and said assigneer's successors and assigned including any and all renewals, reissues and prolong anywise arising from or appertaining thereto, for a sincluding any and all renewals, reissues and prolong anywise arising from or appertaining thereto, for a sincluding any and all renewals, reissues and prolong assigneer's successors and assigns, in as ample and enjoyed the same, if this assignment had not been in	is desirous of acquiring the entire right, title and interest in and to said tinuations thereof, and in and to said invention and any and all patents all renewals, reissues and prolongations thereof; d in consideration of One Dollar (\$1.00), and other good and valuable nor, the receipt of which is hereby acknowledged, said assignor hereby id assignee's successors and assigns, the full and exclusive right, title and d all divisions and continuations thereof, and in and to said invention and, including any and all renewals, reissues and prolongations thereof; said s, to have hold exercise and enjoy the said application, including any and said invention and any and all patents which may be granted therefor, negations thereof, with all the rights, powers, privileges and advantages in and during the term or terms of any and all such patents when granted, blongations thereof, for the use and benefit of said assignee, and said I beneficial a manner as the said assigner might or could have held and nade. Form, upon the request of said assignee, or said assignee's successors or
assigns, any and all acts relating to the obtaining of and prolongations thereof.	r to the asserting of said patents, including any and all renewals, reissues
	s the Commissioner of Patents and Trademarks to issue Letters Patent on continuations thereof, to said assignee, and said assignee's successors and
made by me, and that I am the original inventor or a	clare that the above-identified application was made or authorized to be an original joint inventor of a claimed invention in the application.
I hereby acknowledge that any willful fals by fine or imprisonment of not more than five (5) year	se statement made in this declaration is punishable under 18 U.S.C. 1001 ears, or both.
ASSIGNORS (INVENTORS):	
Signature: In Jung	Date: 2000.03.16
Printed or Typed Name: <u>In JUNG</u>	

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