## 506180416 07/30/2020 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6227154

SUBMISSION TYPE:		NEW ASSIGNMENT						
IATURE OF CONVEYA	NCE:	ASSIGNMENT	ASSIGNMENT					
CONVEYING PARTY D	ΑΤΑ							
		Name	Execution Date					
GUN WOOK LEE			07/08/2020					
RECEIVING PARTY D	ΑΤΑ							
Name:	SK HYNI	X INC.						
Street Address:	2091, GY	2091, GYEONGCHUNG-DAERO, BUBAL-EUP, ICHEON-SI						
City:	GYEON	GI-DO						
State/Country: KOREA, REPUBLIC OF								
	1							
PROPERTY NUMBERS	S Total: 1							
Property Type		Number						
Application Number:	10	6943597						
CORRESPONDENCE		571)327-5452	]					
CORRESPONDENCE	(5 be sent to t	571)327-5452 S <b>he e-mail address first; if that is un</b> s						
CORRESPONDENCE	(5 be sent to t provided;	571)327-5452 the e-mail address first; if that is uns if that is unsuccessful, it will be ser						
CORRESPONDENCE Fax Number: <i>Correspondence will I</i> <i>using a fax number, if</i>	5) be sent to t provided; 5	571)327-5452 S <b>he e-mail address first; if that is un</b> s						
CORRESPONDENCE Fax Number: <i>Correspondence will I using a fax number, if</i> Phone:	(5 be sent to t f provided; 5 ip	571)327-5452 t <b>he e-mail address first; if that is un</b> s <b>if that is unsuccessful, it will be ser</b> 713275450						
CORRESPONDENCE Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email:	(5 be sent to t provided; 5 ip ip	571)327-5452 T <b>he e-mail address first; if that is uns</b> <b>if that is unsuccessful, it will be ser</b> 713275450 ontlaw@ipntlaw.com						
CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	(5 be sent to t provided; 5 ip ip : IF 82	571)327-5452 The e-mail address first; if that is uns if that is unsuccessful, it will be ser 713275450 ontlaw@ipntlaw.com P & T GROUP LLP						
CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1:	(5 be sent to t provided; 5 ip ip iP 82 S	571)327-5452 The e-mail address first; if that is uns if that is unsuccessful, it will be ser 713275450 Intlaw@ipntlaw.com 2 & T GROUP LLP 230 LEESBURG PIKE						
CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	(5 be sent to t provided; ip ip : IF 82 S V	571)327-5452 <b>The e-mail address first; if that is uns</b> <b>if that is unsuccessful, it will be ser</b> 713275450 ontlaw@ipntlaw.com P & T GROUP LLP 230 LEESBURG PIKE UITE 650						
CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	(5 be sent to t provided; ip ip i IF 82 S V	571)327-5452 <b>The e-mail address first; if that is uns</b> <b>if that is unsuccessful, it will be ser</b> 713275450 ontlaw@ipntlaw.com P & T GROUP LLP 230 LEESBURG PIKE UITE 650 IENNA, VIRGINIA 22182						
CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	(5 be sent to t provided; ip ip i IF 82 S V	571)327-5452 <b>The e-mail address first; if that is uns</b> <b>if that is unsuccessful, it will be ser</b> 713275450 ontlaw@ipntlaw.com P & T GROUP LLP 230 LEESBURG PIKE UITE 650 IENNA, VIRGINIA 22182 PO200236HD						
CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N	(5 be sent to t provided; ip ip i IF 82 S V	571)327-5452 the e-mail address first; if that is uns if that is unsuccessful, it will be ser 713275450 ontlaw@ipntlaw.com P & T GROUP LLP 230 LEESBURG PIKE UITE 650 IENNA, VIRGINIA 22182 PO200236HD JEONGSOOK YI						
CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER: SIGNATURE:	(5 be sent to t provided; ip ip i IF 82 S V	571)327-5452 <b>The e-mail address first; if that is uns</b> <b>if that is unsuccessful, it will be ser</b> 713275450 ontlaw@ipntlaw.com P & T GROUP LLP 230 LEESBURG PIKE UITE 650 IENNA, VIRGINIA 22182 PO200236HD JEONGSOOK YI /Jeongsook YI/	ot via US Mail.					
CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER: BIGNATURE:	(5 be sent to t provided; ip ip i IF 82 S V	571)327-5452 the e-mail address first; if that is uns if that is unsuccessful, it will be served 713275450 ontlaw@ipntlaw.com P & T GROUP LLP 230 LEESBURG PIKE UITE 650 IENNA, VIRGINIA 22182 PO200236HD JEONGSOOK YI /Jeongsook YI/ 07/30/2020	ot via US Mail.					

[세종, PTPUS202000216]

Attorney Docket No.: \_

## ASSIGNMENT OF AND DECLARATION (37 CFR 1.63) FOR APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Gun Wook LEE, hereinafter referred to collectively as the assignor and inventor, has invented a certain

improvement relating to

## COMPUTING SYSTEM AND OPERATING METHOD THEREOF

[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

					·				- x t		1	fond	icable);		
OIL									<u></u>	ستبديت					
	] the	spec	itica	tion	of wh								operation		
Sei	rial N	10.				ан на Н	the	Unit	ed S	states	of.	Ameri	ca being	g desig	mated.

AND WHEREAS, SK hynix Inc. of 2091, Gycongchung-daero, Bubal-eup, Icheon-si, Gyconggi-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 (i.e. divisional, continuation, and continuation-in-part applications), and in and to said invention and improvements ("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 assignee to said assigner, the receipt of which is hereby acknowledged, said assigner hereby assigns, sells and transfers to said assignee, and said assignee'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 assignee'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 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 assignee's successors and assigns, thereof, and therefor, including 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 assignee'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.

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:

Wook LEE

Date: 2020 - 07 - 08

PATENT

REEL 053358 FRAME: 0130

Printed or Typed Name: Gun Wook LEE

(run

Page 1 of 1



이건욱/eSSD PV