506222535 08/26/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6269278

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PART	Υ DATA			
		Name	Execution Date	
DONG UK LEE			08/11/2020	
HAE CHANG YANG	ì		08/11/2020	
RECEIVING PARTY				
Name: SK HYNIX INC.				
Street Address:	2091, 0	GYEONGCHUNG-DAERO, BUBAL-EUB		
City:	ICHEO	ICHEON-SI GYEONGGI-DO		
State/Country:	KOREA	A, REPUBLIC OF		
Property Ty	уре	Number		
Property Ty Application Number		Number 17003617		
Application Number	er:	17003617		
Application Number CORRESPONDENC Fax Number:	er:	(630)323-0335	ooocful it will be cont	
Application Number CORRESPONDENC Fax Number: Correspondence w	er: CE DATA vill be sent to	17003617		
Application Number CORRESPONDENC Fax Number: Correspondence w using a fax number Email:	CE DATA CE DATA vill be sent to r, if provideo	17003617 (630)323-0335 o the e-mail address first; if that is unsu d; if that is unsuccessful, it will be sent uspto.actions@wpapat.com		
Application Number CORRESPONDENC Fax Number: Correspondence w using a fax number Email: Correspondent Nat	er: CE DATA fill be sent to r, if provideo me:	17003617 (630)323-0335 o the e-mail address first; if that is unsu d; if that is unsuccessful, it will be sent uspto.actions@wpapat.com WILLIAM PARK & ASSOCIATES LTD.		
Application Number CORRESPONDENC Fax Number: <i>Correspondence w</i> <i>using a fax number</i> Email: Correspondent Nar Address Line 1:	E DATA CE DATA vill be sent to r, if provideo me:	17003617 (630)323-0335 o the e-mail address first; if that is unsur- d; if that is unsuccessful, it will be sent uspto.actions@wpapat.com WILLIAM PARK & ASSOCIATES LTD. 930 N. YORK ROAD, SUITE 201		
Application Number CORRESPONDENC Fax Number: Correspondence w using a fax number Email: Correspondent Nat	E DATA CE DATA vill be sent to r, if provideo me:	17003617 (630)323-0335 o the e-mail address first; if that is unsu d; if that is unsuccessful, it will be sent uspto.actions@wpapat.com WILLIAM PARK & ASSOCIATES LTD.		
Application Number CORRESPONDENC Fax Number: Correspondence w using a fax number Email: Correspondent Nat Address Line 1: Address Line 4:	er: CE DATA fill be sent to r, if provideo me:	17003617 (630)323-0335 o the e-mail address first; if that is unsur- d; if that is unsuccessful, it will be sent uspto.actions@wpapat.com WILLIAM PARK & ASSOCIATES LTD. 930 N. YORK ROAD, SUITE 201 HINSDALE, ILLINOIS 60521		
Application Number CORRESPONDENC Fax Number: <i>Correspondence w</i> <i>using a fax number</i> Email: Correspondent Nar Address Line 1:	er: CE DATA fill be sent to r, if provideo me: T NUMBER:	17003617 (630)323-0335 o the e-mail address first; if that is unsur- d; if that is unsuccessful, it will be sent uspto.actions@wpapat.com WILLIAM PARK & ASSOCIATES LTD. 930 N. YORK ROAD, SUITE 201 HINSDALE, ILLINOIS 60521		
Application Number CORRESPONDENC Fax Number: Correspondence w using a fax number Email: Correspondent Nat Address Line 1: Address Line 4:	er: CE DATA fill be sent to r, if provideo me: T NUMBER:	17003617 (630)323-0335 o the e-mail address first; if that is unsur- d; if that is unsuccessful, it will be sent uspto.actions@wpapat.com WILLIAM PARK & ASSOCIATES LTD. 930 N. YORK ROAD, SUITE 201 HINSDALE, ILLINOIS 60521 PA4242-0		
Application Number CORRESPONDENC Fax Number: Correspondence w using a fax number Email: Correspondent Nar Address Line 1: Address Line 4: ATTORNEY DOCKE	er: CE DATA fill be sent to r, if provideo me: T NUMBER:	17003617 (630)323-0335 o the e-mail address first; if that is unsur- d; if that is unsuccessful, it will be sent uspto.actions@wpapat.com WILLIAM PARK & ASSOCIATES LTD. 930 N. YORK ROAD, SUITE 201 HINSDALE, ILLINOIS 60521 PA4242-0 W. WILLIAM PARK		

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

[세종, PTPUS202000268]

2060427/10.170.205/2020-08-10 18:09 REEL: 053606 FRAME: 0607

Title of		[^[3, FTr0320206]			
Invention	MEMORY DEVICE AND METH	OD OF OPERATING THE SAME			
	As the below named inventor(s), I he The declaration is directed to:	reby declare that:			
	 The attached application, or 				
Declaration		r PCT international application number filed on			
	I believe that I am the original or an application.	made or authorized to be made by me. original joint inventor of a claimed invention in the			
		illful false statement made in this declaration is ine or imprisonment of not more than five (5) years			
	NOW, THEREFORE, in consideration of the sum of one dollar (\$1), the receipt whereof is acknowledge, and other good and valuable consideration, I, by these presents do sell, assign and transfer unto said assignee(s)				
	-	SK hynix Inc.]			
		eup, icheon-si, Gyeonggi-do, Republic of Korea]			
Assignment	and the heirs, successors, assigns and legal representatives of the assignee(s) the fu and exclusive right to the said invention in the United States and in its territoria possessions and in any and all foreign countries any and all improvements thereof, the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I hereby authorize and request the Director of the U.S Patent and Trademark Office to issue said United States Patent to said assignee(s), of the entire right, title, and interest in and to the same, for his sole use and for the use of hi legal representatives, to the full end of the term for which said Patent may be granted, a fully and entirely as the same would have been held by me had this assignment and sall net here made.				
	not been made. I agree promptly upon request of the assignee(s), its heirs, successors, assigns and legal representatives of the assignee(s) to communicate any facts known to it respecting the patent and the invention set forth therein, and to execute and deliver without furthe compensation any power of attorney. Assignment, application, whether original continuation, divisional or reissue, or other papers that may be necessary. I hereby covenant that no assignment, sale agreement or encumbrance has been or will				
	be made or entered into which would conflict with this assignment and sale.				
	I further covenant that assignee(s) will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and lega equivalents as may be known and accessible to me and will testify as to the same in any litigation related thereto and will promptly execute and deliver to assignee(s) or its lega representatives any and all papers, instruments or affidavits required to apply for, obtain maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposet thereof.				
Legal Name Of Inventor	Inventor Name (First Middle LAST):	Dong Uk LEE			
	Inventor Signature:	Dong uk Lee			
	Date:	<u> August 11, 2020</u>			

Page 1

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

	[세공, PTPUS202000208] Inventor Name (First Middle LAST): Hae Chang YANG		
Legal Name Of Inventor	Inventor Signature:	Hae Chang Yang	
	Date:	August, 11. 2020.	

A total of 1 supplemental sheet(s) are attached hereto for additional inventors, if any



Page 2



이동욱/SNR