506379329 12/01/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6426085

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOONG-HO KIM	12/21/2017
HYUN WOO KWACK	12/21/2017
KI JONG LEE	12/21/2017
DOO BOCK LEE	12/21/2017

RECEIVING PARTY DATA

Name:	SK HYNIX INC.	
Street Address:	2091, GYEONGCHUNG-DAERO, BUBAL-EUB	
City:	ty: ICHEON-SI GYEONGGI-DO	
State/Country: KOREA, REPUBLIC OF		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17108824

CORRESPONDENCE DATA

Fax Number: (630)323-0335

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.

Email: uspto.actions@wpapat.com

WILLIAM PARK & ASSOCIATES LTD. Correspondent Name: Address Line 1: 930 N. YORK ROAD, SUITE 201 Address Line 4: HINSDALE, ILLINOIS 60521

ATTORNEY DOCKET NUMBER:	PA3370-1C
NAME OF SUBMITTER: W. WILLIAM PARK	
SIGNATURE:	/W. William Park/
DATE SIGNED:	12/01/2020
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

source=PA3370-1C_DEC_ASSGN#page1.tif source=PA3370-1C DEC ASSGN#page2.tif

> **PATENT** REEL: 054508 FRAME: 0829 506379329

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

Title of Invention	SEMICONDUCTOR APPARATUS AND SYSTEM	
Declaration	As the below named inventor(s), I hereby declare that: The declaration is directed to: The attached application, or United States application or PCT international application number PCT/KR######### filed on The above-identified application was made or authorized to be made by me. I believe that I am the original or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) year or both.	
Assignment		
Legal Name Of Inventor	Inventor Name (First Middle LAST): Joong-Ho KIM Inventor Signature: Joong-Ho Kim Date: December 21, 2017	

A total of 2 supplemental sheet(s) are attached hereto for additional inventors, if any.

Page 1

SNK:OPX17095-058US

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

Legal Name Of Joint Inventor, If Any	Inventor Name (First Middle LAST):	Hyun Woo KWACK
	Inventor Signature:	Hyun Woo Knock
	Date:	December 21, 2017
Legal Name Of Joint Inventor, If Any	Inventor Name (First Middle LAST):	Ki Jong LEE
	Inventor Signature:	ki Jong Lee
	Date:	December 21, 2017
Legal Name Of Joint Inventor, If Any	Inventor Name (First Middle LAST):	Doe Bock LEE
	Inventor Signature:	Doo Book LEE
	Date:	December 21, 2017

Page 2

SNK:OPX17095-058US

REEL: 054508 FRAME: 0831

SKhynix

2050849/10.145.60.57/2017-12-26 08:53