506866295 09/13/2021

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6913117

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HEEEUN CHOI	09/06/2021
YEONG HAN JEONG	09/06/2021

#### **RECEIVING PARTY DATA**

Name:	SK HYNIX INC.	
Street Address:	2091, GYEONGCHUNG-DAERO, BUBAL-EUB	
City:	ICHEON-SI GYEONGGI-DO	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	17336	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17473299

#### **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:	PA4718-0
NAME OF SUBMITTER: W. WILLIAM PARK	
SIGNATURE:	/W. William Park/
<b>DATE SIGNED:</b> 09/13/2021	
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 2** 

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> **PATENT REEL: 057462 FRAME: 0353** 506866295

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

Title of Invention	MEMORY APPARATUS AND SEMIC	CONDUCTOR SYSTEM INCLUDING THE SAME
Declaration	PCT/KR####################################	or or PCT international application number
Assignment	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 self, assign and transfer unto said assignee(s)  SK hynix Inc.  2091, Gyeongchung-daero, Bubal-eub, Icheon-si, Gyeonggi-do, Republic of Korea and the heirs, successors, assigns and legal representatives of the assignee(s) the full and exclusive right to the said invention in the United States and in its territorial 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 his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale 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 further 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 legal 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 ass	
Legal Name Of Inventor	Inventor Name (First Middle LAST):	HEEEUN CHOI
	Inventor Signature: Date:	HEUN CUOZ September 6, 2021

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

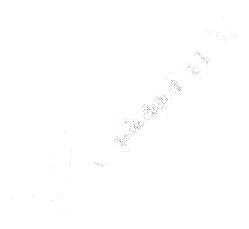
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REEL: 057462 FRAME: 0354

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

Legal Name	Inventor Name (First Middle LAST):	Yeong Han JEONG
Of Joint Inventor, If	Inventor Signature:	Yeons Han JEONG
Any	Date:	September 6, 2021



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