PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7201048

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHING-CHUNG LAI	01/20/2022
LIAN-CHUN LEE	01/20/2022
CHUN-SHU CHEN	01/20/2022

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:	17683898

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

Correspondent Name: WILLIAM PARK & ASSOCIATES LTD.

Address Line 1: 930 N. YORK ROAD, SUITE 201

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ATTORNEY DOCKET NUMBER:	PA4982-0
NAME OF SUBMITTER:	W. WILLIAM PARK
SIGNATURE:	/W. William Park/
DATE SIGNED:	03/01/2022
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT 507154204 REEL: 059136 FRAME: 0432

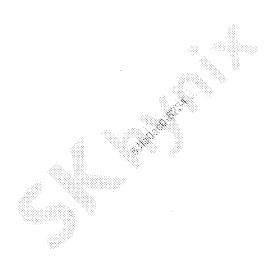
DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

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Title of Invention	METHOD FOR DYNAMICALLY MANAGING HOST READ OPERATION AND READ REFRESH OPERATION IN A STORAGE DEVICE, STORAGE DEVICE, AND STORAGE MEDIUM		
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####################################		
Assignment	NOW, THEREFORE, in consideration of the sum of one dollar (\$1), the receipt whereof is acknowledged, and other good and valuable consideration, I, by these presents do sell, assign and transfer unto said assignee(s)  SK hynix Inc.  2091, Gyeongchung-daero, Bubal-eub, Icheon-si Gyeonggi-do, 17336, 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 delive		
Legal Name	Inventor Name (First Middle LAST): Cl	HING-CHUNG LAI	
Of Inventor	Inventor Signature:	Ching-Chung Lai Jonuary 20, 2022	
A total of _	supplemental sheet(s) are attached her	reto for additional inventors, if any	

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# 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):	LIAN-CHUN LEE
	Inventor Signature:	Lion-Ohon Lee
	Date:	January 20, 2022
Legal Name Of Joint Inventor, If Any	Inventor Name (First Middle LAST):	CHUN-SHÜ CHEN
	Inventor Signature:	Chun-Shu, Chen
	Date:	January 20, 2022



**SK** hynix

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Moonfly Lai/SVSE Team

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