

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6283754

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SK HYNIX MEMORY SOLUTION AMERICA INC.	08/29/2020
RECEIVING PARTY DATA		
Name:	SK HYNIX INC.	
Street Address:	2091, GYEONGCHUNG-DAERO BUBAL-EUB, ICHEON-SI	
City:	GYEONGGI-DO	
State/Country:	KOREA, REPUBLIC OF	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	17011983
CORRESPONDENCE DATA		
Fax Number:		
<i>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.</i>		
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Correspondent Name:	KILPATRICK TOWNSEND & STOCKTON LLP	
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Address Line 2:	SUITE 1900	
Address Line 4:	SAN FRANCISCO, CALIFORNIA 94111	
ATTORNEY DOCKET NUMBER:	098645-1198835-SK072-N	
NAME OF SUBMITTER:	MARCOS VERA	
SIGNATURE:	/Marcos Vera/	
DATE SIGNED:	09/03/2020	
Total Attachments: 2		
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ASSIGNMENT
(Patent Application)

WHEREAS, SK HYNIX MEMORY SOLUTIONS AMERICA INC., a Delaware corporation, hereinafter referred to as "Assignor," owned the following utility (provisional or non-provisional) or design patent application entitled

"EFFICIENT READ-THRESHOLD CALCULATION METHOD FOR PARAMETRIC PV-LEVEL MODELING,"

the specification of which is provided with this Assignment and identified by the Attorney Docket No. above.

(Application No. 17/011,983 filed on September 3, 2020)

For other good and valuable consideration, the receipt and sufficiency of which we [I] acknowledge, we [I]:

- I. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to SK hynix Inc., a corporation under the laws of Korea with a place of business at 2091, Gyeongchung-daero, Buhal-eub, Icheon-si, Gyeonggi-do, Korea ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, and all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) the right to claim priority to the above-referenced patent application, and any and all applications referenced in subsection (b); and
 - (d) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

- (e) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.
2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon us the Assignee, as well as heirs, legal representatives, and assigns.
 5. Promise and affirm that the Assignee has not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.
 6. Authorize Kilpatrick Townsend & Stockton to insert above the application number and filing date of the above-described patent application when known.

Signed on the dates indicated beside the Assignee signature.

Signature: _____

Date: _____

Name: Kihui Song

Title: CFO

**SK HYNIX MEMORY SOLUTIONS
AMERICA INC**

KILPATRICK TOWNSEND 73858798 1