

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT | |
| NATURE OF CONVEYANCE: | ASSIGNMENT | |
| CONVEYING PARTY DATA | | |
| | Name | Execution Date |
| | SUNG JIN PARK | 04/06/2022 |
| RECEIVING PARTY DATA | | |
| Name: | SK HYNIX INC. | |
| Street Address: | 2091, GYEONGCHUNG-DAERO, BUBAL-EUP | |
| City: | ICHEON-SI, GYEONGGI-DO | |
| State/Country: | KOREA, REPUBLIC OF | |
| PROPERTY NUMBERS Total: 1 | | |
| | Property Type | Number |
| | Application Number: | 17659161 |
| CORRESPONDENCE DATA | | |
| Fax Number: | (510)663-0920 | |
| <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> | | |
| Phone: | (510)663-1100 | |
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| Correspondent Name: | WEAVER AUSTIN VILLENEUVE & SAMPSON LLP | |
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| ATTORNEY DOCKET NUMBER: | SKHKP007US | |
| NAME OF SUBMITTER: | MELANIE HITCHCOCK | |
| SIGNATURE: | /Melanie Hitchcock/ | |
| DATE SIGNED: | 04/13/2022 | |
| Total Attachments: 2 | | |
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| source=SKHKP007_ASG#page2.tif | | |

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned named inventor, possess the right, title and interest for and in the Invention(s) as set forth in the patent application entitled: **MEMORY CONTROLLER, OPERATING METHOD THEREOF, AND COMPUTING SYSTEM INCLUDING THE SAME** (Atty. Docket No. SKHKP007US), and

(1) for which I have executed a U.S. patent application;

AND/OR

(2) the same having been filed on (April 13, 2022) as Application No. (17/659,161);

AND

(3) which claims priority to Korean Patent Application filed on July 19, 2021 as Application No. 10-2021-0094463;

in connection with which I hereby authorize and request the assignee's attorneys associated with Customer Number 22434 to insert within the foregoing parentheses the filing date and/or Application No. of said application when known.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned named inventor, hereby:

- 1) Sell, assign and transfer to **SK hynix Inc.**, a Korea corporation having a place of business at 2091, Gyeongchung-daero, Bubal-eup, Icheon-si, Gyeonggi-do, Korea ("ASSIGNEE"), the entire right, title and interest, including the right to claim priority, in the above-referenced application including any and all improvements and inventions disclosed therein, and in U.S. and foreign applications based upon, and U.S. and foreign patents granted upon, the above-referenced application. To the extent that any rights identified in this assignment have been previously conveyed by me to ASSIGNEE, this assignment shall be considered a confirmatory assignment with respect to those rights.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 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 the named inventor, as well as the named inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Attorney Docket No. SKHKP007US

6) Agree that any party to this Assignment can conduct this Assignment transaction by electronic means, and that use of an electronic signature by any party listed herein in executing this Assignment is to be viewed as indicative of an intent by that party to give legal effect to that electronic signature in the same manner as if they had signed this Assignment in their own hand.

7) Agree that this Assignment shall be exclusively governed by, and shall be construed in accordance with, the laws of the State of California without regard or reference to any conflict-of-laws rules or principles that might refer the governance or the construction of this Assignment to the laws of another jurisdiction.

Signed on the date indicated beside my signature.

1) Signature: Sung Jin PARK Date: 2022.04.06
Typed Name: Sung Jin PARK

SKHyunix
CONFIDENTIAL