

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AVI STEINER	07/25/2021
HANAN WEINGARTEN	07/22/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KIOXIA ISRAEL LIMITED
<b>Street Address:</b>	24 RAUL WALLENBERG STREET
<b>City:</b>	TEL AVIV
<b>State/Country:</b>	ISRAEL
<b>Postal Code:</b>	69719
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17407096
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	117441-0214
<b>NAME OF SUBMITTER:</b>	MARK J. DANIELSON
<b>SIGNATURE:</b>	/Mark J. Danielson/
<b>DATE SIGNED:</b>	01/10/2022
<b>Total Attachments: 2</b>	
source=117441-0214_Assignment_1_1st & 2nd Inventors to Kioxia Israel#page1.tif	
source=117441-0214_Assignment_1_1st & 2nd Inventors to Kioxia Israel#page2.tif	

ASSIGNMENT

WHEREAS, the undersigned inventor(s) desires to transfer all right, title and interest in and to the inventions disclosed in the following Invention Disclosure Form(s):

"Dynamic Compensation for Multiple Interference Sources in NAND Flash Memory" submitted by Avi Steiner, Hanan Weingarten, Yasuhiko Kurosawa (collectively, the "INVENTORS");

And such inventions which if now or hereafter are disclosed in the patent application(s):

(a)  U.S. patent application executed on \_\_\_\_\_ and entitled, "SYSTEM AND METHOD FOR DYNAMIC COMPENSATION FOR MULTIPLE INTERFERENCE SOURCES IN NON-VOLATILE MEMORY STORAGE DEVICES".

(b)  U.S. application no. 17/407,096 filed on 08-19-2021

(c)  International (e.g., PCT, JP) application no. \_\_\_\_\_ filed on \_\_\_\_\_

(collectively, the "INVENTIONS");

WHEREAS, Kioxia Israel Limited ("KIOXIA ISRAEL"), an Israel corporation with its principal place of business at 24 Raul Wallenberg Street, Tel Aviv, 69719, Israel, desires to acquire all of the right, title and interest of Avi Steiner, and Hanan Weingarten, (hereinafter referred to as "KIOXIA ISRAEL INVENTOR(S)") in, to and under the INVENTIONS and KIOXIA ISRAEL further desires to transfer all such right, title and interest to Kioxia America, Inc., (hereinafter referred to as "KAI") organized and existing under the laws of the United States, having a place for the transaction of business at 5231 California Avenue, Irvine, CA 92617.

WHEREAS, Yasuhiko Kurosawa, (hereinafter referred to as "KAI INVENTOR(S)") desire(s) to transfer to Kioxia America, Inc., (hereinafter referred to as "KAI") organized and existing under the laws of the United States, having a place for the transaction of business at 5231 California Avenue, Irvine, CA 92617, all right, title and interest in and to the INVENTIONS.

WHEREAS, KAI desires to acquire all of the right, title and interest of KIOXIA ISRAEL and KAI INVENTOR(S) in, to and under the INVENTIONS and KAI further desires to transfer all such right, title and interest to KIOXIA Corporation (hereinafter referred to as "KC") a corporation duly organized and existing under the laws of Japan, with offices at 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, KIOXIA ISRAEL INVENTORS hereby sell(s), assign(s) and transfer(s) to KIOXIA ISRAEL and KAI INVENTOR(S) hereby sell(s), assign(s) and transfer(s) to KAI the entire right, title and interest for the United States and its territorial possessions, and in all foreign countries, in and to the INVENTIONS and any and all improvements thereon which are the subject of the INVENTIONS, and in and to any U.S. or foreign patent application for such INVENTIONS and improvements and any legal equivalent thereof in a foreign country, including the right to claim priority, and in and to any division, continuation or continuation-in-part, renewal or substitute thereof, and in and to all resulting Letters Patents or any reissue, reexamination certificate, supplemental examination certificate, post grant review certificate, inter partes review certificate, or otherwise, thereof, to have and to hold the same to the full end of the term or terms for which any and all of said Letters Patent may be granted (collectively, the "ASSIGNED INVENTIONS");

THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, KIOXIA ISRAEL hereby sells, assigns and transfers to KAI the entire right, title and interest to the ASSIGNED INVENTIONS;

KIOXIA ISRAEL INVENTOR(S), KIOXIA ISRAEL and KAI INVENTOR(S) hereby covenant that KIOXIA ISRAEL INVENTOR(S), KIOXIA ISRAEL, and KAI INVENTOR(S), respectively, has/have the full power to make this assignment, and that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment; and

Without further payment or compensation by KIOXIA ISRAEL or KAI or their successors and assigns, KIOXIA ISRAEL INVENTOR(S) and KAI INVENTOR(S), respectively, further covenant(s) and agree(s) to communicate to KIOXIA ISRAEL, KAI, their representatives, agents, their successors or their assigns, or to subsequent assignees of the ASSIGNED INVENTIONS, any facts relating to the ASSIGNED INVENTIONS including evidence for purposes of interference or derivation proceedings or other administrative or legal proceedings whenever requested; to testify in any interference derivation, legal or administrative proceedings whenever requested; to execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and to do everything possible to aid KIOXIA ISRAEL, KAI, their successors, assigns, nominees, or to subsequent assignees of the ASSIGNED INVENTIONS to secure, obtain and enforce proper patent protection for the ASSIGNED INVENTIONS in this or any foreign country.

And for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, KAI hereby sells, assigns and transfers to KC the entire right, title and interest to the ASSIGNED INVENTIONS,

INVENTOR(S), KIOXIA ISRAEL and KAI authorize and request the issuing authority to issue any and all patents on said application or applications to KC or its successors and assigns;

KAI hereby covenants that it has the full power to make this assignment, and that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment; and

Any attorney of record for KC, and its successors and assigns, at the direction of KC is authorized and requested by the execution of this assignment to insert into this assignment any further patent or patent application information in the blanks and check boxes above as necessary for recordation of this document.

IN WITNESS WHEREOF, the INVENTOR(S) has/have hereunto affixed his/her/their signatures on the date below written.

1)

Avi Steiner  
(Signature)      Avi Steiner  
(Type or Print Name)      25.7.2021  
(Date)  
15 Habresh St. Kiryat Motzkin, Israel  
(Residence Address)

2)

Hanan Weingarten  
(Signature)      Hanan Weingarten  
(Type or Print Name)      22.7.2021  
(Date)  
Hamesila 13, Hatzlitzu, Israel  
(Residence Address)