

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7958019

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	KIOXIA TECHNOLOGY UK LTD	02/22/2021
RECEIVING PARTY DATA		
Name:	KIOXIA AMERICA, INC.	
Street Address:	2610 ORCHARD PKWY	
City:	SAN JOSE	
State/Country:	CALIFORNIA	
Postal Code:	95134	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	17177647
CORRESPONDENCE DATA		
Fax Number:	(202)683-3999	
<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:	(202)683-3800	
Email:	aopatents@allenoverly.com, docketing.allenoverly@clarivate.com	
Correspondent Name:	ALLEN & OVERLY LLP	
Address Line 1:	1101 NEW YORK AVE NW	
Address Line 2:	DAVID M. TENNANT	
Address Line 4:	WASHINGTON, D.C. 20005	
ATTORNEY DOCKET NUMBER:	0137281-0000002-256-101	
NAME OF SUBMITTER:	DAVID M. TENNANT	
SIGNATURE:	/David M. Tennant/	
DATE SIGNED:	05/17/2023	
Total Attachments: 6		
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source=0137281-0000002-256-101_Assignment_Kioxia_KIA#page5.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):

- FAIRSHARE BETWEEN MULTIPLE SSD SUBMISSION QUEUES submitted on July 9, 2020, by Nigel Horspool and Brian Clarke (the "INVENTORS"):

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

- (a) ☐ U.S. patent application executed on _____,
- (b) ☒ U.S. application no. 17/177,657 filed on February 17, 2021,
- (c) ☐ International (e.g., PCT, JP) application no. _____ filed on _____,

(collectively, the "INVENTIONS");

WHEREAS, KIOXIA Technology UK Ltd ("KUK"), a UK corporation with its principal place of business at 25b-c Western Avenue, Milton Park, Abingdon, OXON, OX14 4SH, U.K., desires to acquire all of the right, title and interest of INVENTORS in, to and under the INVENTIONS and KUK 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 2610 Orchard Pkwy, San Jose, CA 95134, all right, title and interest in and to the INVENTIONS.

WHEREAS, KAI desires to acquire all of the right, title and interest of KUK 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 "KIC") a corporation duly organized and existing under the laws of Japan, with offices at 3 Chome-1-21 Shibaura, Minato City, Tokyo 108-0023, Japan;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, INVENTORS hereby sells, assigns and transfers to KUK 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");

INVENTOR hereby covenants that INVENTORS, respectively, 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 KUK or their successors and assigns, INVENTORS, respectively, further covenants and agrees to communicate to KUK, 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 KUK, 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, KUK hereby sells, assigns and transfers to KAI the entire right, title and interest to the ASSIGNED INVENTIONS;

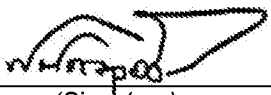
And for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, KAI hereby sells, assigns and transfers to KIC the entire right, title and interest to the ASSIGNED INVENTIONS;

INVENTOR, KUK, and KAI authorize and request the issuing authority to issue any and all patents on said application or applications to KIC or its successors and assigns;

KUK and KAI hereby covenant that they each 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

Any attorney of record for KIC, and its successors and assigns, at the direction of KIC 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 has hereunto affixed their signatures on the date below written.

1)  _____ Nigel Horspool 7 Feb 2021
(Signature) (Type or Print Name) (Date)
17 Nairdwood Close, Great Missenden, Bucks, HP16 0QN UK
(Residence Address)

2) _____ Brian Clarke _____
(Signature) (Type or Print Name) (Date)

(Residence Address)

IN WITNESS WHEREOF, a representative of KUK with authorization to make this assignment has hereunto affixed his/her signature on the date below written.

 _____ James Tout February 22nd 2021
(Signature) GM UK (Date)

IN WITNESS WHEREOF, a representative of KAI with authorization to make this assignment has hereunto affixed his/her signature on the date below written.

_____ Rick Lin _____
(Signature) Senior Counsel (Date)

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INVENTOR hereby covenants that INVENTORS, respectively, 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

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everything possible to aid KUK, 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.

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IN WITNESS WHEREOF, the INVENTOR has hereunto affixed their signatures on the date below written.

1) _____
(Signature) Nigel Horspool
(Type or Print Name) _____
(Date) _____

(Residence Address)

2) BH. Clarke
(Signature) Brian Clarke
(Type or Print Name) 10 Feb 2021
(Date)
12, LOVELL CLOSE, BURGHEFIELD COMMON, READING, BERKS, RG7 3NE, UK
(Residence Address)

IN WITNESS WHEREOF, a representative of KUK with authorization to make this assignment has hereunto affixed his/her signature on the date below written.

(Signature) James Tout
GM UK
(Date)

IN WITNESS WHEREOF, a representative of KAI with authorization to make this assignment has hereunto affixed his/her signature on the date below written.

(Signature) Rick Lin
Senior Counsel
(Date)

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(Date)

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(Signature) Brian Clarke
(Type or Print Name) _____
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GM UK _____
(Date)

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(Signature) Rick Lin
Senior Counsel May 16, 2023
(Date)