506344062 11/09/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARVELL SEMICONDUCTOR, INC.	06/24/2020

RECEIVING PARTY DATA

Name:	MARVELL ASIA PTE, LTD.
Street Address:	TAI SENG CENTRE, 3 IRVING ROAD #10-01
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	369522

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16946501

CORRESPONDENCE DATA

Fax Number: (408)222-2755

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.

Phone: 408-222-2500

Email: kimberly@marvell.com

Correspondent Name: KELVIN VIVIAN

Address Line 1: 5488 MARVELL LANE

Address Line 4: SANTA CLARA, CALIFORNIA 95054

ATTORNEY DOCKET NUMBER:	MP13028
NAME OF SUBMITTER:	KELVIN VIVIAN
SIGNATURE:	/Kelvin Vivian/
DATE SIGNED:	11/09/2020

Total Attachments: 2

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PATENT 506344062 REEL: 054310 FRAME: 0789

ASSIGNMENT Corporate

WHEREAS Marvell Semiconductor, Inc., a California corporation, having a principal place of business at 5488 Marvell Lane, Santa Clara, California 95054 (hereafter the "Assignor"), is the owner of the patents, including utility models and other similar registrations, or patent applications identified below (hereafter referred to as the "Patent Application(s)"); and

Marvell Asia Pte, Ltd., a corporation of Singapore, having a place of business at Tai Seng Centre, 3 Irving Road #10-01, Singapore 369522 (hereafter the "Assignee"), desires to acquire all of the rights to the Patent Application(s).

THEREFORE, in consideration of the sum of One Dollar (\$1.00) US or equivalent and other good and valuable consideration paid to it, the receipt and sufficiency of which hereby is acknowledged, Assignor hereby sells, assigns and transfers to the Assignee the entire right, title, and interest, together with all priority rights, in and to the Patent Application(s), and all inventions described and claimed therein, in any and all patents including utility models and other similar registrations granted from the Patent Application(s) and from patents or patent applications claiming priority directly or indirectly from the Patent Application(s), including but not limited to any and all reissues, renewals, reexaminations, divisions, and to the full end of the term or terms for which such patents issue in the United States, and/or any foreign countries, such entire right, title and interest to be held and enjoyed by the above-named Assignee the same as they would have been held and enjoyed by the Assignor had this assignment not been made, including the right to sue and recover damages for past, present and future infringement.

Marvell Reference No.	Application No.	Filing Date	<u>Title</u>
MP13028	Not Yet Assigned	Herewith	UNIFIED TIME BASE FOR SELF-SERVO-WRITE OPERATION
MP13028PR	62/866,466	June 25, 2019	SYNCHRONOUS WRITE PATTERN FREQUENCY MODIFICATION
MP13065PR	62/869,906	July 2, 2019	MULTI FREQUENCY SPIRAL TRACK

Docket #: MP13028/004048-0775-101

PATENT

Assignor hereby covenants and agrees to execute and deliver, at the request of Assignee, such further instruments of transfer and assignment and to take any other action as such Assignee may reasonably request to more effectively consummate the assignment contemplated by this agreement. Specifically, Assignor agrees to, at Assignee's expense, execute, acknowledge and deliver such further documents, instruments, conveyances and assurances and take such further actions as may be reasonably required to register in the name of Assignee the assignment of the patents in any appropriate governmental agency or registrar.

The undersigned representatives of the Assignor and the Assignee authorize and request that the attorneys of record in any of the Patent Application(s) insert in this assignment the filing date(s) and application number(s) of the Patent Application(s) when officially known.

IN WITNESS WHEREOF, executed by the Assignor's undersigned representative on the date following the name of the Assignor's undersigned representative, which date shall be the effective date of this assignment.

By: Kelvin Vivian Recombised to the form of the constraint of th	MARV	FELL SEMICONDUCTOR, INC. Disgradity signed by Kelvin Vivisin
Title: Director, Assistant General Counsel, IP Development Date: June 24, 2020 MARVELL ASIA PTE, LTD. By: Name: Chen Seok Ching Title: Vice President, Assembly & Test Operations	By:	Kelvin Vivian Disconfeders Writing, uniforwell, con-MSI, confeders Writing, uniforwell, con-MSI, con-M
Date: June 24, 2020 MARVELL ASIA/PTE, LTD. By: Name: Chen Seok Ching Title: Vice President, Assembly & Test Operations	Name:	Kelvin Vivian
MARVELL ASIAPTE, LTD. By: Name: Chen Seok Ching Title: Vice President, Assembly & Test Operations	Title:	Director, Assistant General Counsel, IP Development
By: Name: Chen Seok Ching Title: Vice President, Assembly & Test Operations	Date:	June 24, 2020
By: Name: Chen Seok Ching Title: Vice President, Assembly & Test Operations		
Name: Chen Seok Ching Title: Vice President, Assembly & Test Operations	MARV	ELL ASIA/PTE, LTD.
Title: Vice President, Assembly & Test Operations	By:	
	Name:	Chen Seok Ching
	Title:	· · · · · · · · · · · · · · · · · · ·
Date:	Date:	June 25, 2020

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