

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7309561

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARVELL RIANITA SEMICONDUCTOR ULC	05/01/2022
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:	17354810
CORRESPONDENCE DATA	
Fax Number:	(408)222-2755
<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:	4082222500
Email:	agorthy@marvell.com
Correspondent Name:	KELVIN VIVIAN
Address Line 1:	5488 MARVELL LANE
Address Line 4:	SANTA CLARA, CALIFORNIA 95054
ATTORNEY DOCKET NUMBER:	MP8777
NAME OF SUBMITTER:	KELVIN VIVIAN
SIGNATURE:	/Kelvin Vivian/
DATE SIGNED:	05/02/2022
Total Attachments: 3	
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source=Marvell_Rianta_Semiconductor_ULC_to_MAPL_(Patent Assignment)_(FOR_RECORDING)#page2.tif	
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PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT is dated and effective as of May 1, 2022 (the "Effective Date"), by and between:

(A) **Marvell Rianta Semiconductor ULC**, a corporation organized under the laws of Canada, and with offices at Suite 100, 350 Legget Drive, Kanata, Ontario Canada K2K 1Y6 (hereinafter "ASSIGNOR"); and

(B) **Marvell Asia Pte Ltd**, a corporation organized under the laws of Singapore, and with offices at Tai Seng Centre, 3 Irving Road, #10-01 Singapore 369522 (hereinafter "ASSIGNEE").

WHEREAS, ASSIGNOR owns the patents and patent applications listed in Exhibit A attached hereto and incorporated herein by this reference (hereinafter "PATENTS"); and

WHEREAS, ASSIGNEE desires to acquire the ASSIGNOR's ownership interest in, to and under the PATENTS.

NOW, THEREFORE, for consideration of one dollar (\$1.00) and other good and valuable consideration paid by ASSIGNEE to ASSIGNOR, the receipt and sufficiency of which hereby is acknowledged, ASSIGNOR does hereby sell, assign and transfer to ASSIGNEE its entire interest in and to the PATENTS, including all divisions, continuations, reexaminations, reissues, and foreign counterparts of the applications and patent registrations for the PATENTS (and the right to claim priority and the right to apply for any of the foregoing); including assignment of any and all provisional applications that are relied upon for priority; all rights to causes of action and remedies related thereto (including, without limitation, the right to sue for past, present or future infringement, misappropriation or violation of rights related to the foregoing); and any and all other rights and interests arising out of, in connection with or in relation to the PATENTS.

FURTHER, 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 assignments contemplated by this ASSIGNMENT. 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 any of the PATENTS in any appropriate governmental agency or registrar.

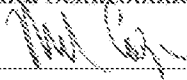
[SIGNATURE PAGE TO FOLLOW]

IN WITNESS WHEREOF, ASSIGNOR and ASSIGNEE have executed and delivered this Patent Assignment by their duly authorized representatives as of the **Effective Date**.

ASSIGNOR:

Marvell Rianta Semiconductor ULC

By: _____



Mark Casper
Senior Vice President, General Counsel and Secretary

ASSIGNEE:

Marvell Asia Pte Ltd

By: _____



Seok Ching Chen
Vice President, Assembly and Test Operations and Country Manager

Exhibit A

Patents and Patent Applications

Country	MP Number	Application Number	Filing Date	Patent Number	Issue Date	Status	Title	MP Family
US	MP8777	17/354,810	6/22/2021	N/A	N/A	Pending	ASSOCIATIVELY INDEXED CIRCULAR BUFFER	MP8777
US	MP8778PR	63/317,104	3/7/2022	N/A	N/A	Pending	AES-GCM IMPLEMENTATIONS SUPPORTING PARALLEL PARTIAL BLOCK PROCESSING WITH TUNABLE ALIGNMENT	MP8778
US	MP8778	17/718,093	4/11/2022	N/A	N/A	Pending	METHOD AND APPARATUS SUPPORTING TUNABLE ALIGNMENT FOR CIPHER/AUTHENTICATION IMPLEMENTATIONS	MP8778