# 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.	08/04/2021

# **RECEIVING PARTY DATA**

Name:	MARVELL ASIA PTE LTD	
Street Address:	TAI SENG CENTRE	
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City:	SINGAPORE	
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# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17173041

#### CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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ATTORNEY DOCKET NUMBER: MP13162	
NAME OF SUBMITTER:	KELVIN VIVIAN
IGNATURE: /Kelvin Vivian/	
DATE SIGNED:	06/15/2022

### **Total Attachments: 3**

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PATENT 507338440 REEL: 060216 FRAME: 0653

Docket #: MP13162 PATENT

# ASSIGNMENT Corporate

WHEREAS Marvell Semiconductor, Inc., a California corporation, having a principal place of business at 5488 Marvell Lane, Santa Clara, CA 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)").

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 rights, 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 continuations in whole and in part, and foreign counterparts of the foregoing including national stage applications 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 rights, 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.

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Marvell Reference No.	Application No.	Filing Date	Title
MP13162	17/173,041	2/10/2021	METHODS AND APPARATUS FOR DECODING RECEIVED UPLINK TRANSMISSIONS USING LOG- LIKELIHOOD RATIO (LLR) OPTIMIZATION
MP13162PR	62/975,080	2/11/2020	LOG-LIKELIHOOD RATIO (LLR) OPTIMIZATION FOR 5G BY MACHINE LEARNING
MP13162KR	10-2021-0019988	2/15/2021	METHODS AND APPARATUS FOR DECODING RECEIVED UPLINK TRANSMISSIONS USING LOG- LIKELIHOOD RATIO (LLR) OPTIMIZATION
MP13162CN	202110190467.7	2/18/2021	METHODS AND APPARATUS FOR DECODING RECEIVED UPLINK TRANSMISSIONS USING LOG- LIKELIHOOD RATIO (LLR) OPTIMIZATION
MP13162DE	102021103239.3	2/11/2021	METHODS AND APPARATUS FOR DECODING RECEIVED UPLINK TRANSMISSIONS USING LOG- LIKELIHOOD RATIO (LLR) OPTIMIZATION

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.

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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.

MARV	ELL SEMICONDUCTOR, INC.
Ву:	
Name:	Kelvin Vivian
Title:	Director, Assistant General Counsel, IP Development
Date:	04 August 2021
	VELL ASIA PTE, LTD.
By:	
Name:	Chen Seok Ching
Title:	Vice President, Assembly & Test Operations and County Manager
Date:	5 Mug 2021

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