

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LIWEN CHU	08/26/2020
HONGYUAN ZHANG	07/13/2020
RUI CAO	07/06/2020
YAN ZHANG	07/23/2020
HUI-LING LOU	11/20/2020
RECEIVING PARTY DATA	
Name:	MARVELL SEMICONDUCTOR, INC.
Street Address:	5488 MARVELL LANE
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16827495
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:	408-222-2500
Email:	sherir@marvell.com
Correspondent Name:	KELVIN VIVIAN
Address Line 1:	5488 MARVELL LANE
Address Line 4:	SANTA CLARA, CALIFORNIA 95054
ATTORNEY DOCKET NUMBER:	MP13013
NAME OF SUBMITTER:	KELVIN VIVIAN
SIGNATURE:	/Kelvin Vivian/
DATE SIGNED:	07/18/2022
Total Attachments: 10	
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ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency for which is hereby acknowledged, I or We, the undersigned,

Liwen Chu, Hongyuan Zhang, Rui Cao, Yan Zhang, Hui-Ling Lou

who have created certain invention for which one or more patent applications identified below (hereinafter "the Patent Application(s)") that have been, or are to be filed:

<u>Marvell Case No.</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Title</u>
MP13013PR	US 62/821,933	03/21/2019	Resource Unit (RU) Indication for Downlink (DL) Multi-User (MU) Operation
MP13013	US 16/827,495	03/23/2020	Allocating Resource Units for Multi-User Transmissions in Wide Bandwidths

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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 (the Assignee authorizes and requests the same);

Agree that Assignee may apply for and receive patents including utility models and other similar registrations for the foregoing rights, title and interest in its own name, in the United States and/or any foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of the Assignee, and its successors or assigns, the undersigned will execute all rightful oaths, declarations, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to the Assignee, and its successors or assigns all facts known to the undersigned relating to the foregoing rights, title and interest; and generally do everything possible and reasonable which the Assignee, and its successors, or assigns consider necessary, desirable or expedient for aiding in securing, maintaining and enforcing proper protection for applicable patent rights and for vesting applicable title in the Assignee and its successors or assigns; and

Covenant with the Assignee, and its successors or assigns that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, there are no outstanding encumbrances, liens or other obligations or restrictions on the rights, titles and interests herein assigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

IN TESTIMONY WHEREOF I have hereunto set my signature or our signatures on the date indicated below.

Full Name of First Inventor: Liwen Chu	
Inventor's Signature: <i>Liwen Chu</i>	Date: Month/Day/Year 08/26/2020

Full Name of Second Inventor: Hongyuan Zhang	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Third Inventor: Rui Cao	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Fourth Inventor: Yan Zhang	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Fifth Inventor: Hui-Ling Lou	
Inventor's Signature:	Date: Month/Day/Year

Accepted by:

MARVELL SEMICONDUCTOR, INC.

By: *Kelvin M. Vivian*

Name: Kelvin M. Vivian

Title: Director, Assistant General Counsel, IP Development

Date: 9 May 2022

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Inventor's Signature:	Date: Month/Day/Year

Full Name of Second Inventor: Hongyuan Zhang	
Inventor's Signature: <i>Hongyuan Zhang</i>	Date: Month/Day/Year 7/13/2020

Full Name of Third Inventor: Rui Cao	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Fourth Inventor: Yan Zhang	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Fifth Inventor: Hui-Ling Lou	
Inventor's Signature:	Date: Month/Day/Year

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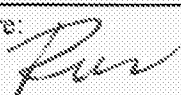
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Inventor's Signature: 	Date: Month/Day/Year 7/6/2020

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Full Name of Fifth Inventor: Hui-Ling Lou	
Inventor's Signature:	Date: Month/Day/Year

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Inventor's Signature:	Date: Month/Day/Year

Full Name of Fourth Inventor: Yan Zhang	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Fifth Inventor: Hui-Ling Lou	
Inventor's Signature: <i>H Lou</i>	Date: Month/Day/Year <i>11/20/20</i>

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