

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6449135

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
B HARI RAM	12/03/2019
VIJAY AHIRWAR	12/03/2019
SRI VARSHA ROTTELA	11/29/2019
NILESH N. KHUDE	12/03/2019
RECEIVING PARTY DATA	
Name:	MARVELL INDIA PVT. LTD.
Street Address:	1ST FLOOR MUTTHA TOWERS
Internal Address:	DON BOSCO MARG (OFF AIRPORT ROAD)
City:	PUNE
State/Country:	INDIA
Postal Code:	411006
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16706073
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
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ATTORNEY DOCKET NUMBER:	MP11105
NAME OF SUBMITTER:	KELVIN VIVIAN
SIGNATURE:	/Kelvin Vivian/
DATE SIGNED:	12/14/2020
Total Attachments: 4	
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PATENT

REEL: 054643 FRAME: 0024

ASSIGNMENT

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

B Hari Ram, Vijay Ahirwar, Sri Varsha Rottela, and Nilesh Khude

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>
MP11105PR	US 62/778,602	12/12/2018	Sector Based Association of STA with AP
MP11105	US 16/706,073	12/6/2019	Physical Layer Protocol Data Unit Directional Transmission
MP11105WO	PCT/IB2019/060536	12/6/2019	Physical Layer Protocol Data Unit Directional Transmission

Do hereby confirm any prior assignment, and to the extent that I have not already done so, agree to sell, assign, and transfer, and do hereby sell, assign and transfer to Marvell India Pvt. Ltd., a corporation of India, having a place of business at 1st Floor Muttha Towers, Don Bosco Marg (Off Airport Road), Pune - 411006, India, and its successors or assigns (hereinafter "Assignee"), the entire rights, title, and interest, including all priority rights, in or to any and all inventions described in the Patent Application(s), the Patent Application(s), and all continuations in whole or in part, divisions, and other applications claiming priority directly or indirectly from the Patent Application(s) which have been or are to be filed in the United States and/or any foreign countries including national stage applications, and any patents, including utility models and other similar registrations, in the United States and/or any foreign countries which may be granted thereon, including but not limited to reissues, renewals, and reexaminations thereof;

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.

Docket#: MP11105

PATENT

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

Full Name of Inventor:	
B Hari Ram	
Inventor's Signature:	Date: Month/Day/Year
<i>B. Hari Ram</i>	12 / 03 / 2019

Full Name of Inventor:	
Vijay Ahirwar	
Inventor's Signature:	Date: Month/Day/Year
<i>Vijay Ahirwar</i>	12 / 03 / 2019

Full Name of Inventor:	
Sri Varsha Rottela	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Inventor:	
Nilesh N. Khude	
Inventor's Signature:	Date: Month/Day/Year
<i>Nilesh N. Khude</i>	12 / 03 / 2019

Accepted by:

MARVELL INDIA PVT. LTD.

By: *[Signature]*

Name: STEVEN PARKER

Title: DIRECTOR

Date: DECEMBER 8, 2020

ASSIGNMENT

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

B Hari Ram, Vijay Ahirwar, Sri Varsha Rottela, and Nilesh Khude

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:

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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);

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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.

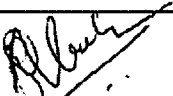
Docket#: MP11105

PATENT

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

Full Name of Inventor: B Hari Ram	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Inventor: Vijay Ahirwar	
Inventor's Signature:	Date: Month/Day/Year

Full Name of Inventor: Sri Varsha Rottela	
Inventor's Signature: 	Date: Month/Day/Year 11/29/19

Full Name of Inventor: Nilesh N. Khude	
Inventor's Signature:	Date: Month/Day/Year

Accepted by:

MARVELL INDIA PVT. LTD.

By: 

Name: STEVEN PARKER

Title: DIRECTOR

Date: DECEMBER 8, 2020