

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	LICENSE
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
MARVELL WORLD TRADE LTD.	05/26/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Marvell International Ltd.
<b>Street Address:</b>	Canon's Court, 22 Victoria Street
<b>City:</b>	Hamilton
<b>State/Country:</b>	BERMUDA
<b>Postal Code:</b>	HM12
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15844274
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<b>SIGNATURE:</b>	/Kelvin Vivian/
<b>DATE SIGNED:</b>	06/12/2019
<b>Total Attachments: 2</b>	
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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, Licensor hereby exclusively licenses worldwide and in perpetuity to the Licensee all of the Granted Rights, inclusive of the right to sue and recover damages for past, present and future infringement.

Marvell Case No.	Application No.	Filing Date	Title
MP10123PR	62/435,667	12/16/16	Low Complexity Methods and Systems for Beamforming with Compressed Feedback
MP10123	15/844,274	12/15/2017	Low Complexity Beamforming with Compressed Feedback
MP10123WO	PCT/US2017/066786	12/15/2017	Low Complexity Beamforming with Compressed Feedback


The undersigned representatives of the Licensor and the Licensee 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 Licensor's undersigned representative on the date following the name of the Licensor's undersigned representative, which date shall be the effective date of this agreement.

MARVELL WORLD TRADE LTD.

MARVELL INTERNATIONAL LTD.

By: 

By: 

Name: Steven Parker

Name: Sherman Taylor

Title: Director

Title: General Manager

Date: MAY 16, 2019

Date: MAY 15, 2019