505666415 09/11/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT				
CONVEYING PARTY	DATA						
		Name		Execution Date			
MARVELL SEMICON	DUCTOR,	INC.		09/10/2019			
RECEIVING PARTY I	ΟΑΤΑ						
Name:	MARV	ELL INTERNATIONAL LTD.					
Street Address:	CANO	N'S COURT					
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City:	HAMIL	TON					
State/Country:	BERM	UDA					
Postal Code:	HM12						
Property TypeApplication Number:16044		16044213	4213				
Application Number:1604/		16044213	4213				
CORRESPONDENCE	DATA						
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Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTEI	_	MP10302	NIA 95054				
	_	MP10302 KELVIN VIVIAN	NIA 95054				
Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTEI SIGNATURE: DATE SIGNED: Fotal Attachments: 2	R:	MP10302 KELVIN VIVIAN /Kelvin Vivian/ 09/11/2019					
Address Line 4: ATTORNEY DOCKET IAME OF SUBMITTEI GIGNATURE: DATE SIGNED: Total Attachments: 2 ource=MP10302 Exect	R:	MP10302 KELVIN VIVIAN /Kelvin Vivian/	oted)#page1.tif				

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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 International Ltd., a corporation of Bermuda, having a place of business at Canon's Court, 22 Victoria Street, Hamilton, HM12, Bermuda (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.

Marvell Reference No.	Application No.	Filing Date	Title
 MP10302	16/022,213	07/24/2018	Control Field for Resource Request with Multiple Formats
MP10302PR	62/536,377	07/24/2017	Resource Request for Uplink Multi- User Transmission

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.

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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.

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.

	ELL SEMICONDUCTOR, INC.
By:	Juli
Name:	Kelvin M. Vivian
Title:	Director, Assistant General Counsel, IP Development
Date:	SCATCMBER 10 2019
MARV By:	TELL INTERNATIONAL LTD.
5	Ken Greenzen
Title:	Assistant General Managen
Date:	September 11, 2019

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RECORDED: 09/11/2019