

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6210951

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	MARVELL INTERNATIONAL LTD.	12/31/2019
RECEIVING PARTY DATA		
Name:	CAVIUM INTERNATIONAL	
Street Address:	P.O. BOX 1350, CLIFTON HOUSE	
Internal Address:	75 FORT STREET	
City:	GRAND CAYMAN	
State/Country:	CAYMAN ISLANDS	
Postal Code:	KY1-1108	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	11582067
CORRESPONDENCE DATA		
Fax Number:	(248)641-1270	
<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:	248-641-1600	
Email:	troymailroom@hdp.com, cburns@hdp.com, sstevens@hdp.com	
Correspondent Name:	HARNESS, DICKEY & PIERCE, P.L.C.	
Address Line 1:	P.O. BOX 828	
Address Line 4:	BLOOMFIELD HILLS, MICHIGAN 48303	
ATTORNEY DOCKET NUMBER:	MP1022	
NAME OF SUBMITTER:	CARLA M. BURNS	
SIGNATURE:	/Carla M. Burns/	
DATE SIGNED:	07/21/2020	
Total Attachments: 3		
source=MP10022_2A_Marvell_Intl_Ltd_to_CI_Assignment_11582067#page1.tif		
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ASSIGNMENT AND QUITCLAIM TRANSFER

WHEREAS, Marvell International Ltd., a corporation organized under the laws of Bermuda, and with offices at Canon's Court, 22 Victoria Street, Hamilton, Bermuda HM12 (hereinafter "**Assignor**") owns the patents and patent applications listed in Exhibit A attached hereto and incorporated herein by this reference (hereinafter "**Group A**") and may have an ownership interest in some or all of the patents and patent applications listed in Exhibit B attached hereto and incorporated herein by this reference (hereinafter "**Group B**");

WHEREAS, Cavium International, a corporation organized under the laws of Cayman Islands, and with offices at c/o Estera Trust (Cayman) Limited, PO Box 1350, Clifton House, 75 Fort Street, Grand Cayman KY1-1108, Cayman Islands, a limited liability corporation (hereinafter "**Assignee**"), desires to acquire the Assignor's ownership interest in, to and under the **Group A** and the **Group B**; and

WHEREAS, Assignor has executed on an effective date of December 31, 2019 (hereinafter "**Effective Date**") that certain Transfer and Assignment Agreement assigning, among other things, all interest in and to the **Group A** and transferring by quitclaim its ownership interest, if any, in and to the **Group B** to Assignee (the "Purchase Agreement").

NOW, THEREFORE, for consideration of one dollar (\$1.00) and other good and valuable consideration paid by Assignee to Assignor, the receipt and sufficiency of which hereby is acknowledged, Assignor does hereby sell, assign and transfer to Assignee its entire interest in and to the **Group A**, including all divisions, continuations, reexaminations, reissues, and foreign counterparts of the applications and patent registrations for the **Group A** (and the right to claim priority and the right to apply for any of the foregoing); including assignment of any and all provisional applications that are relied upon for priority; all rights to causes of action and remedies related thereto (including, without limitation, the right to sue for past, present or future infringement, misappropriation or violation of rights related to the foregoing); and any and all other rights and interests arising out of, in connection with or in relation to the **Group A**.

FURTHER, for consideration of one dollar (\$1.00) and other good and valuable consideration paid by Assignee to Assignor, the receipt and sufficiency of which hereby is acknowledged, Assignor does hereby **quitclaim** sell, assign and transfer to Assignee its ownership interest, if any, in and to the **Group B**, including all divisions, continuations, reexaminations, reissues, and foreign counterparts of the applications and patent registrations for the **Group B** (and the right to claim priority and the right to apply for any of the foregoing); including assignment of any and all provisional applications that are relied upon for priority; all rights to causes of action and remedies related thereto (including, without limitation, the right to sue for past, present or future infringement, misappropriation or violation of rights related to the foregoing); and any and all other rights and interests arising out of, in connection with or in relation to the **Group B**.

FURTHER, nothing contained herein shall be deemed to alter or amend the terms and provisions of the Purchase Agreement and in the event of any conflict between the terms and provisions of this Assignment and the Purchase Agreement, the terms and provisions of the Purchase Agreement shall be deemed to govern and be controlling in all circumstances. This Assignment is executed pursuant to the Purchase Agreement and is entitled to the benefits and subject to the

provisions thereof and shall bind and inure to the benefit of the parties thereto and their respective successors and assigns.

FURTHER, 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 assignments contemplated by this Assignment. 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 any of the Patents in **Group A** and/or the **Group B** in any appropriate governmental agency or registrar.

IN WITNESS WHEREOF, Assignor and Assignee have executed and delivered this Patent Assignment by their duly authorized representatives at 11:56 pm PST on the **Effective Date**.

ASSIGNOR:

Marvell International Ltd.,
a corporation organized under the laws of Bermuda

By: _____

Kenneth Goertzen
Director

ASSIGNEE:

Cavium International,
a corporation organized under the laws of Cayman Islands

By: _____

Philip Anderson
Director

Family Ref No	IP Right ID	Country	Application Number/Filing Date	Patent Number/Issue Date	Status	Title
MP0779	MP0779KR	KR	1020017015758	6/1/2000	In Force	Disk Drive Controller Circuit And Method For Skipping Defective And/Or Un
MP0779	MP0779WO	WO	PCT/US2000/011	6/1/2000	Pending	Disk Drive Controller Circuit And Method For Skipping Defective And/Or Un
MP0779	MP0779WOKR	KR	10-2001-701575	6/1/2000	In Force	DISK DRIVE CONTROLLER CIRCUIT AND METHOD FOR SKIPPING DEFECTIVE
MP0780	MP0780WO	WO	PCT/US2001/002	7/17/2001	Pending	Disk Controller Configured To Perform Out Of Order Execution Of Write Op
MP0780	MP0780WQJP	JP	2002-521285	7/17/2001	In Force	DISK CONTROLLER CONFIGURED TO PERFORM OUT OF ORDER
MP0780	MP0780WOKR	KR	1020037002436	2/19/2003	In Force	Disk Controller Configured To Perform Out Of Order Execution Of Write Op
MP0783	MP0783WO	WO	PCT/US2004/006	3/9/2004	Pending	Method And System For Embedded Disk Controllers
MP0786	MP0786WO	WO	PCT/US2000/011	5/5/2000	Pending	Systems And Methods For A Disk Controller Memory Architecture
MP0786	MP0786WODE	DE	00930436.1	5/5/2000	In Force	Systems And Methods For A Disk Controller Memory Architecture
MP0786	MP0786WDEP	EP	00930436.1	5/5/2000	In Force	SYSTEMS AND METHODS FOR A DISK CONTROLLER MEMORY ARCHITECTURE
MP0786	MP0786WOFR	FR	00930436.1	5/5/2000	In Force	Systems And Methods For A Disk Controller Memory Architecture
MP0786	MP0786WGB	GB	00930436.1	5/5/2000	In Force	Systems And Methods For A Disk Controller Memory Architecture
MP0800	MP0800WO	WO	PCT/US2005/022	7/13/2005	Pending	System And Method For Transmitting Data In Storage Controllers
MP0801	MP0801WO	WO	PCT/US2005/022	7/13/2005	Pending	System And Method For Transferring Data Using Storage Controllers
MP0802	MP0802WO	WO	PCT/US2005/022	7/13/2005	Pending	System And Method For Controlling Buffer Memory Overflow And Underflo
MP0803	MP0803WO	WO	PCT/US2005/022	7/13/2005	Pending	Dynamic W/WN Storage Module For Storage Controllers
MP0970	MP0970HK	HK	HK08103121.8	6/4/2002	Pending	PEN WIPING METHOD AND SYSTEM THAT EMPLOYS A THREADMILL BELT
MP1000	MP1000HK	HK	HK06112458.4	11/6/2005	Pending	WIRELESS PRINTER CONFIGURATION MODULE
MP1004	MP1004HK	HK	HK06112110.4	8/31/2005	Pending	LASER PRINT APPARATUS WITH DUAL HALFTONES
MP1005	MP1005HK	HK	HK06112112.2	8/31/2005	Pending	LASER PRINT APPARATUS WITH TONER EXPLOSION COMPENSATION
MP10057	MP10057	US	15/611,050	6/1/2017	In Force	Methods and Apparatus for Singular Value Decomposition with Norm Sortin
MP1022	MP1022	US	11/582,067	10/17/2006	In Force	Extremely Low If Architecture For In-Band On-Channel (IBOC) Radio
MP10226	MP10226PR	US	62/602,113	2/6/2019	Pending	Method and Apparatus for Extendable Hardware Queues
MP10289	MP10289PR	US	62/767,753	11/15/2018	Pending	LOW-POWER SERIALIZER WITH HALF-RATE CLOCKING FOR SERIAL COMMUN
MP10295	MP10295C1	US	0		Not Filed	Modular Memory-Like Layout For FinFET Analog Designs
MP1031	MP1031	US	11/519,370	9/11/2006	In Force	SYSTEMS AND METHODS FOR I/Q IMBALANCE CORRECTION AND CALIBRATI
MP10326	MP10326	US	16/049,732	7/30/2018	Pending	WAKEUP RADIO (WUR) PACKET PREAMBLE DESIGN
MP10383	MP10383C1	US	16/702,628	12/4/2019	Pending	Ethernet Transceiver with PHY-Level Signal-Loss Detector
MP10400	MP10400C1	US	0		Not Filed	TWO DIMENSIONAL MAGNETIC RECORDING (TDMR) OFF-TRACK PERFORM
MP10473	MP10473	US	16/690,803	11/21/2019	Pending	SERIAL MANAGEMENT INTERFACE WITH IMPROVED RELIABILITY
MP10473	MP10473PR	US	62/770,537	11/21/2018	Pending	Reliable SMI Access
MP10482	MP10482PR	US	62/771,879	11/27/2018	Pending	Latency optimization using a Smart Samplers Placement
MP10493	MP10493PR	US	62/814,165	3/5/2019	Pending	Flash Controller
MP10494	MP10494	US	16/583,541	9/26/2019	Pending	POLYGONAL BGA SEMICONDUCTOR PACKAGE

PATENT