504342067 04/27/2017

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4388755

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID A. CARLSON	12/06/2013
RICHARD E. KESSLER	12/10/2013

RECEIVING PARTY DATA

Name:	CAVIUM, INC.	
Street Address: 2315 N. FIRST STREET		
City:	SAN JOSE	
State/Country: CALIFORNIA		
Postal Code:	95131	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15499531

CORRESPONDENCE DATA

Fax Number: (978)341-0136

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.

978-341-0036 Phone:

Email: katie.norris@hbsr.com Correspondent Name: TIMOTHY J. MEAGHER

Address Line 1: 530 VIRGINIA ROAD, P.O. BOX 9133

Address Line 2: HAMILTON, BROOK, SMITH & REYNOLDS, P.C. Address Line 4: CONCORD, MASSACHUSETTS 01742-9133

ATTORNEY DOCKET NUMBER:	3795.1111-006
NAME OF SUBMITTER:	KATIE NORRIS
SIGNATURE:	/Katie Norris/
DATE SIGNED:	04/27/2017

Total Attachments: 6

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> **PATENT REEL: 042168 FRAME: 0929** 504342067

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PATENT REEL: 042168 FRAME: 0930

Joint

ASSIGNMENT

WHEREAS, we, David A. Carlson and Richard E. Kessler, have invented a certain improvement in Method And Apparatus For Managing Global Chip Power On A Multicore System On Chip described in an application for Patent,

	the specification of which is about to be filed in the United States Patent Office (use for utility (37 CFR § 1.53(b)) and design filings only);
	is about to be filed in the United States Patent Office as a Provisional Application
\boxtimes	the specification of which is United States Application No. 14/038,549, filed September 26, 2013;
	the specification of which is a Patent Cooperation Treaty Application, International Application No. [], filed , which designates the United States of America [and is assigned United States Application No.];
	which was patented under United States Patent No. [].

WHEREAS, Cavium, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 2315 N. First Street, San Jose, CA 95131 desires to confirm its interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for any and all related provisional and nonprovisional, international and national phase applications, including any and all substitution, reissue, divisional, continuation, and continuation-in-part applications, and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the

Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation, continuation-in-part applications, and all related provisional and nonprovisional, international and national phase applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature:	A Colo		
David	d A. Carlson		
State/Commonwealth of California County of Santa Clara			
On this day of December public, personally appeared David A. Carlson	2013, before me, the undersigned notary		
personally known to me, or			
proved to me through satisfactory evid	dence of identification, which was		
Texas drive lieuse			
to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.			
(SEAL)	Notary Public Joff angle Jeffrey A Payboin (print name)		
JEFFREY A. PANGBORN Comm. #2009391 Notary Public · California P Santa Clara County Comm. Expires Mar 2, 2017	My Commission expires 03 / 02 / 2017		

Inventor's Signature:	
	Richard E. Kessler
State/Commonwealth of County of	
On this day of public, personally appeared Richard E.	. Kessler, before me, the undersigned notary
personally known to me, or	
proved to me through satisfactor	ory evidence of identification, which was
•	ed on the foregoing instrument in my presence, and oregoing instrument as his/her free act and deed.
(SEAL)	Notary Public
	(print name
	My Commission expires//

Joint

ASSIGNMENT

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	is about to be filed in the United States Patent Office as a Provisional Application
	the specification of which is United States Application No. 14/038,549, filed September 26, 2013;
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Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

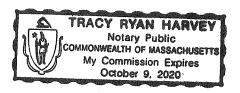
AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation, continuation-in-part applications, and all related provisional and nonprovisional, international and national phase applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved:

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals the date set forth below.

Inventor's Signature:	
	David A. Carlson
State/Commonwealth	
of County of	
County of	
On this day of	20 , before me, the undersigned notary
public, personally appeared David A	. Carlson,
personally known to me, or	
proved to me through satisfa	ctory evidence of identification, which was
	gned on the foregoing instrument in my presence, and e foregoing instrument as his/her free act and deed.
(SEAL)	Notary Public
	(print name)
	My Commission expires/

Inventor's Signature:		
Rich	ard E. Kessler	
State/Commonwealth		
of wass		
County of <u>middle</u> sex		
On this day of public, personally appeared Richard E. Kess	2013, before me, the undersigned notary ller,	
personally known to me, or		
proved to me through satisfactory ev	idence of identification, which was	
to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.		
(SEAL)	Notary Public Macy Organ Harry	
	(print name)	
	My Commission expires//	



RECORDED: 04/27/2017