

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2800924

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOSEPH B. TOMPKINS	03/24/2014
BRIAN ROBERT FOLSOM	03/24/2014
WILSON P. SNYDER II	03/24/2014
RICHARD E. KESSLER	03/24/2014
EDWIN LANGEVIN	03/20/2014
ANDREW J. JONES	03/24/2014
ETHAN F. ROBBINS	03/24/2014
KRUPA SAGAR O.S. MYLAVARAPU	03/26/2014
MAHESH DORAI	03/28/2014
NAGARAJ G. SHIRALI	03/26/2014
RANJITH KUMAR V. HALLUR	03/26/2014
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:	14193895
CORRESPONDENCE DATA	
Fax Number:	(978)341-0136
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	978-341-0036
Email:	cheryl.thomas@hbsr.com
Correspondent Name:	TIMOTHY J. MEAGHER
Address Line 1:	HAMILTON, BROOK, SMITH & REYNOLDS, P.C.
Address Line 2:	530 VIRGINIA ROAD, P.O. BOX 9133
Address Line 4:	CONCORD, MASSACHUSETTS 01742-9133

PATENT

ATTORNEY DOCKET NUMBER:	3795.1143-000
NAME OF SUBMITTER:	CHERYL THOMAS
SIGNATURE:	/Cheryl Thomas/
DATE SIGNED:	04/03/2014
Total Attachments: 7 source=3795.1143-000 Assignment#page1.tif source=3795.1143-000 Assignment#page2.tif source=3795.1143-000 Assignment#page3.tif source=3795.1143-000 Assignment#page4.tif source=3795.1143-000 Assignment#page5.tif source=3795.1143-000 Assignment#page6.tif source=3795.1143-000 Assignment#page7.tif	

JointASSIGNMENT

WHEREAS, we, **Joseph B. Tompkins, Brian Robert Folsom, Wilson P. Snyder II, Richard E. Kessler, Edwin Langevin, Andrew J. Jones, Ethan F. Robbins, Krupa Sagar O.S. Mylavarapu, Mahesh Dorai, Nagaraj G. Shirali, and Ranjith Kumar V. Hallur**, have invented a certain improvement in **Packet Output Processing** 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;
- ☒ the specification of which is United States Application No. **14/193,895**, filed **February 28, 2014**;
- ☐ 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: _____

Joseph B. Tompkins

State/Commonwealth _____

of mass

County of Middlesex

On this 24 day of March 2014, before me, the undersigned notary public, personally appeared Joseph B. Tompkins,



personally known to me, or



proved to me through satisfactory evidence 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.

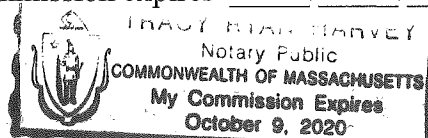
(SEAL)

Notary Public _____

Tracey Ryan Harvey

(print name)

My Commission expires ____/____/____



Inventor's Signature: _____

Brian Robert Folsom

Brian Robert Folsom

State/Commonwealth

of MASSCounty of Middlesex

On this 24 day of March 2014, before me, the undersigned notary public, personally appeared Brian Robert Folsom,



personally known to me, or



proved to me through satisfactory evidence of identification, which was

Mass driver License

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.

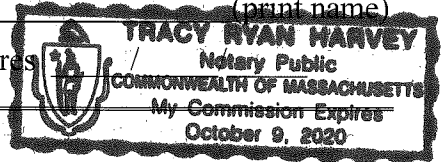
(SEAL)

Notary Public

Tracy Ryan Harvey

(print name)

My Commission expires



Inventor's Signature: _____

Wilson P. Snyder II

Wilson P. Snyder II

State/Commonwealth

of massCounty of Middlesex

On this 24 day of March 2014, before me, the undersigned notary public, personally appeared Wilson P. Snyder II,



personally known to me, or



proved to me through satisfactory evidence 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)

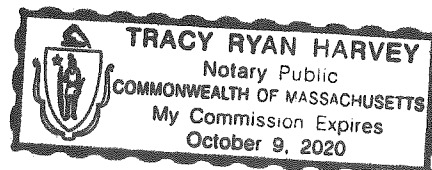
Notary Public

Tracy Ryan Harvey

(print name)

My Commission expires

____/____/____



Inventor's Signature: *Richard E. Kessler*
 Richard E. Kessler

State/Commonwealth
 of Mass
 County of Middlesex

On this 24 day of March 2014, before me, the undersigned notary public, personally appeared Richard E. Kessler,

- ☒ personally known to me, or
☐ proved to me through satisfactory evidence 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.

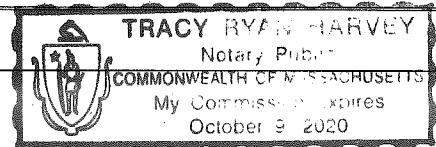
(SEAL)

Notary Public *Tracy Ryan Harvey*
 (print name)

My Commission expires ____/____/____

Inventor's Signature: *Edwin Langevin*
 Edwin Langevin

State/Commonwealth
 of California
 County of San Diego

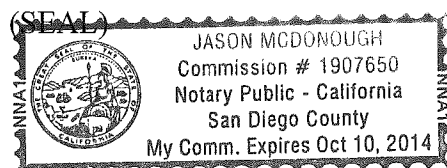


On this 20 day of March 2014, before me, the undersigned notary public, personally appeared Edwin Langevin,

- ☐ personally known to me, or
☒ proved to me through satisfactory evidence of identification, which was

California Drivers License

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.



Notary Public *Jason McDonough*
 (print name)

My Commission expires 10 / 10 / 2014

Inventor's Signature: _____

Andrew Jones
Andrew J. Jones

State/Commonwealth

of massCounty of MiddlesexOn this 24 day of March 2014, before me, the undersigned notary public, personally appeared Andrew J. Jones,☐ personally known to me, or☒ proved to me through satisfactory evidence of identification, which wasMass driver license

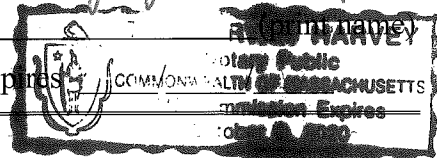
to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public

Tracy Ryan Harvey

My Commission expires



Inventor's Signature: _____

Ethan F. Robbins

Ethan F. Robbins

State/Commonwealth

of massCounty of MiddlesexOn this 24 day of March 2014, before me, the undersigned notary public, personally appeared Ethan F. Robbins,☐ personally known to me, or☒ proved to me through satisfactory evidence of identification, which wasMass driver license

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.

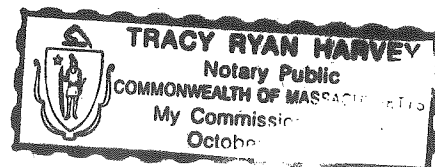
(SEAL)

Notary Public

Tracy Ryan Harvey

(print name)

My Commission expires ____/____/____



Inventor's Signature: _____

M. O. S. Krupa Sagar
Krupa Sagar O.S. MylavarapuState/Commonwealth
of Middlesex
County of MASSOn this 26 day of March 2014, before me, the undersigned notary public, personally appeared Krupa Sagar O.S. Mylavarapu,

- ☐ personally known to me, or
- ☒ proved to me through satisfactory evidence of identification, which was

MASS driver license

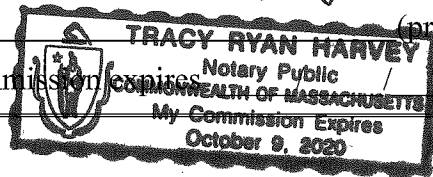
to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public

Tracy Ryan Harvey
(print name)

My Commission expires



Inventor's Signature: _____

M. Mahesh

Mahesh Dorai

State/Commonwealth MASS
of Middlesex
County of _____On this 28 day of March 2014, before me, the undersigned notary public, personally appeared Mahesh Dorai,

- ☐ personally known to me, or
- ☒ proved to me through satisfactory evidence of identification, which was

MASS driver license

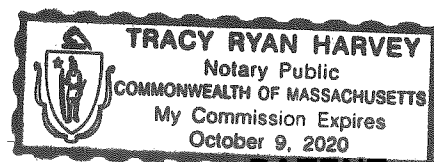
to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.

(SEAL)

Notary Public

Tracy Ryan Harvey
(print name)

My Commission expires ____/____/____



PATENT

Inventor's Signature: _____

Nagaraj G. Shirali

Nagaraj G. Shirali

State/Commonwealth

of massCounty of Middlesex

On this 26 day of March 2014, before me, the undersigned notary public, personally appeared Nagaraj G. Shirali,



personally known to me, or



proved to me through satisfactory evidence of identification, which was

mass driver License

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.

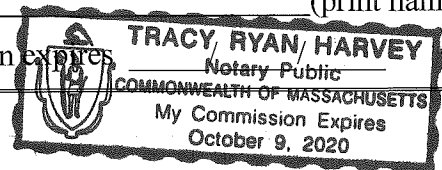
(SEAL)

Notary Public

Tracy Ryan Harvey

(print name)

My Commission Expires



Inventor's Signature: _____

Ranjith Kumar V. Hallur

Ranjith Kumar V. Hallur

State/Commonwealth

of massCounty of Middlesex

On this 26 day of March 2014, before me, the undersigned notary public, personally appeared Ranjith Kumar V. Hallur,



personally known to me, or



proved to me through satisfactory evidence of identification, which was

mass driver License

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

Tracy Ryan Harvey

(print name)

My Commission Expires

