

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Paul G. Scrobohaci</td> <td>08/27/2012</td> </tr> <tr> <td>Ahmed Shahid</td> <td>08/27/2012</td> </tr> <tr> <td>Bryan W. Chin</td> <td>08/18/2012</td> </tr> <tr> <td>Leo Chen</td> <td>08/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Paul G. Scrobohaci	08/27/2012	Ahmed Shahid	08/27/2012	Bryan W. Chin	08/18/2012	Leo Chen	08/27/2012
Name	Execution Date										
Paul G. Scrobohaci	08/27/2012										
Ahmed Shahid	08/27/2012										
Bryan W. Chin	08/18/2012										
Leo Chen	08/27/2012										
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											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13481122</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13481122						
Property Type	Number										
Application Number:	13481122										
CORRESPONDENCE DATA											
Fax Number:	9783410136										
Phone:	978-341-0036										
Email:	Wendy.Morrissey@hbsr.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
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:	0243.1043-005										
NAME OF SUBMITTER:	Wendy Morrissey										

CH \$40.00 13481122

Total Attachments: 4

source=37951074000Assignment#page1.tif

source=37951074000Assignment#page2.tif

source=37951074000Assignment#page3.tif

source=37951074000Assignment#page4.tif

JointASSIGNMENT

WHEREAS, we, **Paul G. Scrobohaci, Ahmed Shahid, Bryan W. Chin and Leo Chen**, have invented a certain improvement in **High Speed Variable Bandwidth Ring-Based System** 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. **13/481,122**, filed **May 25, 2012**;
- 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, California 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 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 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.

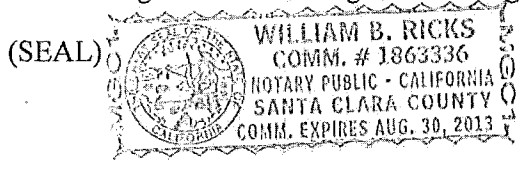
Inventor's Signature: *P. G. Scrobhaci*
Paul G. Scrobhaci

State/Commonwealth
of CALIFORNIA
County of SANTA CLARA

On this 27TH day of AUGUST 2012, before me, the undersigned notary public, personally appeared Paul G. Scrobhaci,

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 *William B. Ricks*
WILLIAM B. RICKS (print name)
My Commission expires 8/30/2012

Inventor's Signature: [Signature]

Ahmed Shahid

State/Commonwealth of CALIFORNIA
County of SANTA CLARA

On this 27th day of AUGUST 2012, before me, the undersigned notary public, personally appeared Ahmed Shahid,

- 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 [Signature]
WILLIAM B. RICKS (print name)
My Commission expires 8/30/2013

Inventor's Signature: [Signature]

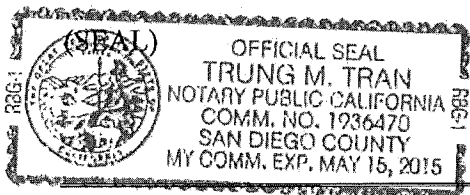
Bryan W. Chin

State/Commonwealth of CA
County of San Diego

On this 19th day of August 2012, before me, the undersigned notary public, personally appeared Bryan W. Chin,

- 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.



Notary Public [Signature]
Trung M. Tran (print name)
My Commission expires May 15 / 2015

Inventor's Signature: *Leo Chen*

Leo Chen

State/Commonwealth

of CALIFORNIA

County of SANTA CLARA

On this 27th day of AUGUST 2012, before me, the undersigned notary public, personally appeared Leo Chen,

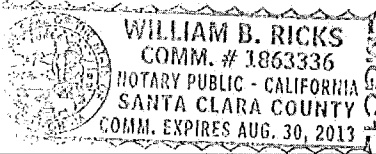
personally known to me, or

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.

(SEAL)



Notary Public *William B. Ricks*

WILLIAM B. RICKS (print name)

My Commission expires 8/30/2013