

# RECORDATION FORM COVER SHEET PATENTS ONLY

Docket No.: 3795 1010-000

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below

1 Name of conveying party(ies)/Execution Date(s).

GREGG A. BOUCHARD /09-27-2005  
 THOMAS F. HUMMEL /09-14-2005  
 RICHARD E. KESSLER /09-14-2005  
 MUHAMMAD R. HUSSAIN /09-26-2005  
 YEN LEE /09-26-2005

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

2. Name and address of receiving party(ies)

Name: CAVIUM NETWORKS

Internal Address: \_\_\_\_\_

Street Address: 2610 AUGUSTINE DRIVE

City: SANTA CLARA  
 State: CALIFORNIA  
 Country: USA Zip: 95054

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s)

A. Patent Application No.(s)  
11/005,490

Additional numbers attached?  Yes  No

This document is being filed together with a new application

B. Patent No.(s)

5 Name and address of party to whom correspondence concerning document should be mailed.

Name: TIMOTHY J. MEAGHER

Internal Address: \_\_\_\_\_

HAMILTON, BROOK, SMITH & REYNOLDS, P.C

Street Address: 530 VIRGINIA ROAD, P.O. BOX 9133

City: CONCORD State: MA ZIP: 01742-9133

Phone No. 978-341-0036 Fax No. 978-341-0136

Email Address: TIM.MEAGHER@HBSR.COM

6. Total number of applications and patents involved: [ 1 ]

7. Total Fee (37 CFR 1.21(h) & 3.41) \$ 40.00

Enclosed  
 Authorization to charge deposit account number 08-0380  
 Previously submitted - Doc. ID No. [ ]  
 Authorized to charge any deficiencies or credit any overpayment to deposit account number 08-0380

Do not attach a copy of this page if paying by deposit account and filing via facsimile.

Attach a copy of this page if paying by deposit account and filing via mail.

8. RALPH TREMENTOZZI Ralph Trementozzi 10/21/2005  
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents. [ 13 ]

CH \$40.00 080380 11005490

Docket No. 3795.1010-000

JointASSIGNMENT

WHEREAS, we, **Gregg A. Bouchard, Thomas F. Hummel, Richard E. Kessler, Muhammad R. Hussain and Yen Lee**, have invented a certain improvement in **Packet Queuing, Scheduling and Ordering** 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. **11/005,490**, filed **December 6, 2004**;
- the specification of which is a Patent Cooperation Treaty Application, International Application No. [ ], filed [ ], which designates the United States of America [and assigned United States Application No. [ ]];
- which was patented under United States Patent No. [ ].

WHEREAS, **Cavium Networks** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of California**, and having a usual place of business at **2610 Augustine Drive, Santa Clara, California 95054** desires to acquire an 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; I 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;

Docket No. 3795.1010-000

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.

Inventor Gregg A. Bouchard Date 9/27/05  
Gregg A. Bouchard

Address 8713 Sea Ash Circle  
Round Rock, Texas 78681

Witness Signature Paul Brault

Print Witness Name PAUL BRAULT

Address 8706 SEA ASH CIRCLE  
ROUND ROCK, TX 78681

Witness Signature DIANE Brault

Print Witness Name BRAULT

Address 8706 SEA ASH CIRCLE  
ROUND ROCK, TX 78681

Docket No. 3795.1010-000

Inventor \_\_\_\_\_ Date \_\_\_\_\_

**Thomas F. Hummel**

Address \_\_\_\_\_

**24 Karopolios Drive**

**Marlborough, Massachusetts 01752**

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Inventor \_\_\_\_\_ Date \_\_\_\_\_

**Richard E. Kessler**

Address \_\_\_\_\_

**30 Thestland Drive**

**Shrewsbury, Massachusetts 01545**

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Docket No. 3795.1010-000

Inventor \_\_\_\_\_ Date \_\_\_\_\_

**Mohammad R. Hussain**

Address \_\_\_\_\_

**3753 Rose Rock Circle**

**Pleasanton, California 94588**

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Inventor \_\_\_\_\_ Date \_\_\_\_\_

**Yen Lee**

Address \_\_\_\_\_

**1065 Windsor Street**

**San Jose, California 95129**

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Docket No. 3795.1010-000

JointASSIGNMENT

WHEREAS, we, **Gregg A. Bouchard, Thomas F. Hummel, Richard E. Kessler, Muhammad R. Hussain and Yen Lee**, have invented a certain improvement in **Packet Queuing, Scheduling and Ordering** 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. **11/005,490**, filed **December 6, 2004**;
- the specification of which is a Patent Cooperation Treaty Application, International Application No. [    ], filed [    ], which designates the United States of America [and assigned United States Application No. [    ]];
- which was patented under United States Patent No. [    ].

WHEREAS, **Cavium Networks** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of California**, and having a usual place of business at **2610 Augustine Drive, Santa Clara, California 95054** desires to acquire an 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; I 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;

Docket No. 3795.1010-000

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.

Inventor \_\_\_\_\_ Date \_\_\_\_\_

**Gregg A. Bouchard**

Address \_\_\_\_\_

**8713 Sea Ash Circle**

**Round Rock, Texas 78681**

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Docket No. 3795.1010-000

Inventor *Thomas F. Hummel* Date 9/14/04  
Thomas F. Hummel

Address 24 Karopolios Drive  
Marlborough, Massachusetts 01752

Witness Signature *[Signature]*  
Print Witness Name Richard E. Kessler

Address 30 Thesland Dr.  
Shrewsbury, MA 01545

Witness Signature *[Signature]*  
Print Witness Name David Ashw

Address 62 Highland View Dr.  
Sutton, MA 01590

Inventor *[Signature]* Date 9/24/05  
Richard E. Kessler

Address 30 Thesland Drive  
Shrewsbury, Massachusetts 01545

Witness Signature *[Signature]*  
Print Witness Name MICHAEL S. BERTONE

Address 119 ROUNDTOP RD  
MARLBOROUGH, MA 01752

Witness Signature *[Signature]*  
Print Witness Name Daniel Katz

Address 475 Clinton Finner Cir  
Andover, MA 01721



Docket No. 3795.1010-000

Inventor \_\_\_\_\_ Date \_\_\_\_\_

**Mohammad R. Hussain**

Address 3753 Rose Rock Circle

Pleasanton, California 94588

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Inventor \_\_\_\_\_ Date \_\_\_\_\_

**Yen Lee**

Address 1065 Windsor Street

San Jose, California 95129

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Docket No. 3795.1010-000

JointASSIGNMENT

WHEREAS, we, **Gregg A. Bouchard, Thomas F. Hummel, Richard E. Kessler, Muhammad R. Hussain and Yen Lee**, have invented a certain improvement in **Packet Queuing, Scheduling and Ordering** 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. **11/005,490**, filed **December 6, 2004**;
- the specification of which is a Patent Cooperation Treaty Application, International Application No. [ ], filed [ ], which designates the United States of America [and assigned United States Application No. [ ]];
- which was patented under United States Patent No. [ ].

WHEREAS, **Caviium Networks** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of California**, and having a usual place of business at **2610 Augustine Drive, Santa Clara, California 95054** desires to acquire an 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; I 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;

Docket No. 3795.1010-000

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.

---

Inventor \_\_\_\_\_ Date \_\_\_\_\_  
**Gregg A. Bouchard**  
 Address \_\_\_\_\_  
 8713 Sea Ash Circle  
 \_\_\_\_\_  
 Round Rock, Texas 78681  
 \_\_\_\_\_

Witness Signature \_\_\_\_\_  
 Print Witness Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 \_\_\_\_\_

Witness Signature \_\_\_\_\_  
 Print Witness Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 \_\_\_\_\_

---

Docket No. 3795.1010-000

Inventor \_\_\_\_\_ Date \_\_\_\_\_

**Thomas F. Hummel**

Address \_\_\_\_\_

**24 Karopulos Drive**

**Marlborough, Massachusetts 01752**

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

Address \_\_\_\_\_

Inventor \_\_\_\_\_ Date \_\_\_\_\_

**Richard E. Kessler**

Address \_\_\_\_\_

**30 Thestland Drive**

**Shrewsbury, Massachusetts 01545**

Witness Signature \_\_\_\_\_

Print Witness Name \_\_\_\_\_

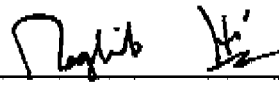
Address \_\_\_\_\_


Witness Signature \_\_\_\_\_

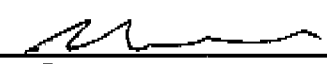
Print Witness Name \_\_\_\_\_


Address \_\_\_\_\_


Docket No. 3795.1010-000


Inventor  Date 9/26/05  
**Mohammad R. Hussain**  
 Address 3753 Rose Rock Circle  
Pleasanton, California 94588

Witness Signature   
 Print Witness Name Angelica Atencio  
 Address 2784 Westbranch Drive  
San Jose, CA 95148

Witness Signature   
 Print Witness Name Richard E. Kessler  
 Address 30 Testland Dr.  
Shrewsbury, MA 01545

Inventor  Date 9/26/05  
**Yen Lee**  
 Address 1065 Windsor Street  
San Jose, California 95129

Witness Signature   
 Print Witness Name Angelica Atencio  
 Address 2784 Westbranch Drive  
San Jose, CA 95148

Witness Signature   
 Print Witness Name Thanh Ma  
 Address 964 Smith Ave  
Campbell, CA 95008

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

530 Virginia Road, P.O. Box 9133

Concord, MA 01742-9133

Telephone: (978) 341-0036

Facsimile: (978) 341-0136

**FACSIMILE COVER SHEET**

**Examiner:** Assignment Division  
U.S. Patent and Trademark Office

**Date:** October 21, 2005

**Client Code:** 3795

**Facsimile No.:** 571-273-0140

**From:** Ralph Trementozzi

**Subject: Paper:** Assignment Recordation  
**Docket No.:** 3795.1010-000  
**Applicants:** Gregg A. Bouchard, *et al.*  
**Application No.:** 11/005,490  
**Filing Date:** December 6, 2004

Number of pages including this cover sheet: 14

Please confirm receipt of facsimile: Yes X No     

Privileged and Confidential - All information transmitted hereby is intended only for the use of the addressee(s) named above. If the reader of this message is not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient(s), please note that any distribution or copying of this communication is strictly prohibited. Anyone who received this communication in error is asked to notify us immediately by telephone and to destroy the original message or return it to us at the above address via first class mail