

2-28-05

03-15-2005

Attorney Docket No.

Form PTO-1595
(Rev. 10-02)

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U.S. Department of Commerce
U.S. Patent and Trademark Office

102958873

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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

BARRY S. BURNS
BRIAN HILTSCHER
MOHAMMED ISMAEL TATAR
TIM WEBSTER

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other: _____

Execution Date: 2/24/2005, 2/25/2005, 2/25/2005, 2/25/2005

2. Name and address of receiving party(ies)

Name: **CISCO TECHNOLOGY, INC.**

Internal Address: _____

Street Address: **170 W. TASMAN DRIVE**

City: **SAN JOSE** State: **CALIFORNIA**

ZIP: **95134**

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

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

If this document is being filed together with a new application, the execution date of the application is: 2/24/2005

A. Patent Application No(s):

B. Patent No(s):

Additional numbers attached? Yes No

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

Name: Cindy S. Kaplan
RITTER, LANG & KAPLAN LLP
12930 Saratoga Avenue, Suite D1
Saratoga, California 95070
(408) 446-8690

03/07/2005 MBELETE1 00000074 11069738
05 FC:8021 40.00 0F

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41): -----\$40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: **50-1652**

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true of copy of the original document.

Cindy S. Kaplan
Name of Person Signing
Atty. Reg. No. 40,043

Signature

February 28, 2005
Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

PATENT
REEL: 016346 FRAME: 0146

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

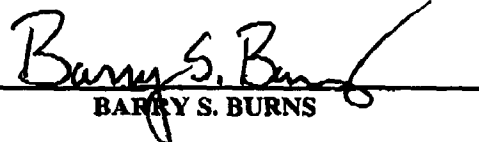
Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

METHOD AND SYSTEM FOR SHAPING TRAFFIC IN A PARALLEL QUEUING HIERARCHY

(Atty. Docket No.: CISCP887) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to **CISCO TECHNOLOGY, INC.**, a **CALIFORNIA** corporation having a place of business at **170 WEST TASMAN DRIVE, SAN JOSE, CALIFORNIA 95134**, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

1) Signature:  Date: 2/24/05
 Typed Name: BARRY S. BURNS

2) Signature: _____ Date: _____
 Typed Name: BRIAN HILTSCHER

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

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- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

1) **Signature:** _____ **Date:** _____
Typed Name: BARRY S. BURNS

2) **Signature:**  _____ **Date:** 2/25/05
Typed Name: BRIAN HILTSCHER

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(Accompanying Application)

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1) **Signature:** _____
Typed Name: **BARRY S. BURNS**

Date: _____

2) **Signature:** _____
Typed Name: **BRIAN HILTSCHER**

Date: _____

3) **Signature:** 
Typed Name: MOHAMMED ISMAEL TATAR

Date: Feb. 25, 2005

4) **Signature:** 
Typed Name: TIM WEBSTER

Date: Feb 25, 2005