

Form PTO-1595 (Rev. 03-09)
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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)

SHA MA
KARTHIK MANDAKOLATHUR

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

2. Name and address of receiving party(ies)

Name: CISCO TECHNOLOGY, INC.

Internal Address: Ms. Mallun Yen

Managing Director, Worldwide Intellectual Property

Street Address: 170 West Tasman Drive

City: San Jose

State: CA

Country: USA Zip 95134

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) March 10, 2009

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other

4. Application or patent number(s):

A. Patent Application No.(s)

12/401,577

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Charles E. Krueger, Esq.

Internal Address: Law Office of Charles E. Krueger

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6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40

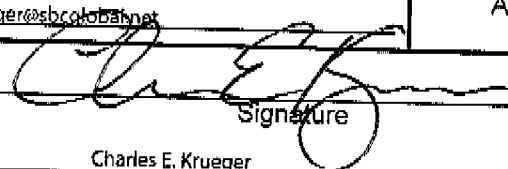
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Deposit Account Number

Authorized User Name

9. Signature:



Signature

February 12, 2010
Date

Charles E. Krueger
Name of Person Signing

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

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
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CP \$40.00 12401577

Attorney Docket No. 002-92; CPOL 960034

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, SHA MA, a resident of San Jose, California, and KARTHIK MANDAKOLATHUR, a resident of Milpitas, California, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: QUEUE SHARING WITH FAIR RATE GUARANTEE

Date of execution of Declaration: 3/10/2009

Filing date: 3/10/2009 Application No.: 12/401,577; and

WHEREAS, CISCO TECHNOLOGY, INC., located at San Jose, California, hereinafter referred to as "Assignee," is desirous of acquiring Assignors' interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all their right title and interest in and to the said invention and application, and in and to any Letters Patent which may hereafter be granted on the same in the United States and other countries, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the date(s) indicated.

SHA MA

3/10/09
Date

ASSIGNMENT OF PATENT APPLICATION

Attorney Docket No. 002-92; CPOL 960034

K. S. Karthik

3/10/09

KARTHIK MANDAKOLATHUR

Date