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101846203  
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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):

Yuval Bachar and Gopakumar Parameswaran

2. Name and address of receiving party(ies)

Name: Cisco Technology, Inc.Internal Address: Robert Barr, Worldwide Patent CounselAdditional name(s) of conveying parties attached? ☐ Yes ☒ No

3. Nature of conveyance:

meis 9-5-01☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other: \_\_\_\_\_

Street Address:

170 West Tasman DriveCity: San Jose State: CA ZIP: 95134Additional names and addresses attached? ☐ Yes ☒ No

Execution Date:

SEPTEMBER 5, 2001

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: 9/5/01

A. Patent Application No(s):

09947689

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: Charles E. Krueger  
Law Office of Charles E. Krueger  
P.O. Box 5607  
Walnut Creek, CA 94596  
Phone: 925 944 3320  
Fax: 925 944 3363

6. Total number of applications and patents involved

7. Total fee (37 CFR 3.41): ----- \$40.00☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number: \_\_\_\_\_

(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 copy of the original document.*Charles E. KruegerName of Person Signing  
Atty. Reg. No. 30,077

Signature

9/6/01

Date

Total number of pages including cover sheet, attachments and document 3

May documents to be recorded with required cover to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231**PATENT**  
**REEL: 012159 FRAME: 0911**

# ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Yuval Bachar and Gopakumar Parameswaran of, respectively, Sunnyvale and Santa Clara, CA, 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: APPARATUS AND METHOD FOR SERDES RATE MATCHING USING SYMBOL INTERLEAVING

Date(s) of execution of Declaration: September 5, 2001



Filing date: September 6, 2001 Application No.: \_\_\_\_\_; and

WHEREAS, Cisco Technology, Inc., located at San Jose, CA, 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 Assignees, and Assignees' 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, 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 dates indicated.

Date: <u>9/5/01</u>	<u></u>
Date: <u>9/5/01</u>	<u></u>
Date: _____	_____
Date: _____	_____

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Date: \_\_\_\_\_





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