

10-13-1999

Attorney Docket No. 4103-29721

FORM PTO-1595
(Rev. 6-93)U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101167573

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

1. Name of conveying party(ies):

James P. Rivers

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
- ☐ Security Agreement ☐ Change of Name
- ☐ Other:

Execution Date: October 2, 1999

2. Name and address of receiving party(ies):

Name: Cisco Technology Inc.

Internal Address: 170 West Tasman Drive

Street Address: 170 West 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:

A. Patent Application No(s). 09/345,709

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

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

Name: Richard L. Hughes
Sheridan Ross P.C.
Suite 1200
1560 Broadway
Denver, CO 80202-5141

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):

- ☒ Enclosed ☐ Charge fee to deposit account
- ☐ Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit account.

8. Deposit Account No.: 19-1970

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Fee OK

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.

Richard L. Hughes

Name of Person Signing

Signature

Reg. No. 31,264

Date

Oct. 4, 1999

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

10. Change Correspondence Address to that of Part 5? ? ☐ Yes ☐ No

OMB No. 0651-0011 (exp. 4/94)

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Mail documents to be recorded with required cover sheet information to:

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10/12/1999 DMGUYEN 00000350 09345709

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PATENT
REEL: 010294 FRAME: 0457

ASSIGNMENT

WHEREAS, I, James P. Rivers of 14760 Live Oak Lane, Saratoga, California 95070, have invented a certain new and useful invention entitled **MEMORY APPARATUS AND METHOD FOR MULTICAST DEVICES**, for which an application for Letters Patent of the United States has been prepared and filed on June 30, 1999, receiving Serial No. 09/345,709 and further identified as Attorney File No. 4103-29721;

NOW THEREFORE, be it known that I, the said inventor, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Cisco Technology Inc., California corporation having a place of business at 170 West Tasman Drive, San Jose, California 95134, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; I also assign any right, title or interest in and to the said invention which has not already been transferred to the assignee, I warrant that I have made no assignment of the invention, application or patent therefor to a party other than Cisco Technology Inc. and I am under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and I further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Cisco Technology Inc., its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the party hereto has executed this Assignment as of the date indicated hereunder.

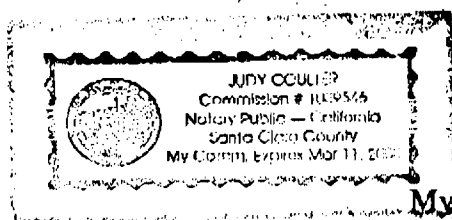
Date: OCT 2, 1999

By: 
James P. Rivers

STATE OF CA)
 Santa Clara) ss.
COUNTY OF Clare)

Before me, a Notary Public in and for said County and State, personally appeared James P. Rivers, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.

Given under my hand and seal of office this 2nd day of Oct, 1999.



Judy Coulier
Notary Public

My Commission Expires: 3-11-00