

07-19-1999



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Attorneys Docket No.: 062891.0251

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FORM PTO-1595
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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): ALL INDIVIDUALS

James P. Duke
2116 Parksville Way
Cedar Park, Williamson County, Texas 78613
United States of America - Citizenship

Additional name(s) of conveying party(ies) attached?

Yes No

2. Name and Address of receiving Party(ies):

Name: Cisco Technology, Inc., a
California Corporation

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



3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: July 6, 1999.

4. Application number(s) or patent number(s): **09,350246**

If this document is being filed together with a new application, the execution date of the application is: July 6, 1999.

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: Barton E. Showalter

Internal Address:

BAKER & BOTTS, L.L.P.

Street Address:

2001 Ross Avenue

City Dallas

State: Texas

Zip: 75201-2980

6. Total number of applications and patents involved: One

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

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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.

Barton E. Showalter

Name of Person Signing

[Signature]
Signature

July 8, 1999

Date

Total number of pages including cover sheet

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PATENT
REEL: 010093 FRAME: 0462

FORM PTO-1595
ATTACHMENT

1. **Name of Conveying Parties - Continued - ALL INDIVIDUALS**

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13151 Humphrey Drive
Austin, Texas 78729
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ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors) of residence as listed, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, Cisco Technology, Inc. (hereinafter referred to as "Assignee"), a California Corporation, with an address of 170 West Tasman Drive, San Jose, California 95134, desires to acquire my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:

METHOD AND APPARATUS FOR
MANAGING A SUBTENDED
COMMUNICATION NETWORK

Signature of Inventor:
Inventor's Name:

James P. Duke
James P. Duke

Residence (City, County, State)

Cedar Park, Williamson
County, Texas

Date:

7/6/1999

Date Application Executed:

7/6/1999

Signature of Inventor:
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Date:

7/6/1999

Date Application Executed:

7/6/1999