

07-26-2004

Attorney Docket No. CISC863

Form PTO-1595
(Rev. 10-02)



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

Tab settings ⇄ ⇄ ⇄ ▼

102798733 ▼

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

1. Name of conveying party(ies):

JAMES T. THEODORAS II
MATTHEW L. HESTON
CLINTON D. MCKNIGHT

2. Name and address of receiving party(ies)

Name: Cisco Technology, Inc.

Street Address: 170 W. Tasman Drive

City: San Jose State: CA ZIP: 95134-1706

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

3. Nature of conveyance:

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

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

Execution Date: July 12, 2004

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: July 12, 2004

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: Michael J. Ritter
RITTER, LANG & KAPLAN LLP
12930 Saratoga Avenue, Suite D1
Saratoga, California 95070
(408) 446-8690

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: 50-1652

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

DO NOT USE THIS SPACE

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.

Michael J. Ritter
Name of Person Signing
Atty. Reg. No. 36,653

Signature

July 16, 2004
Date

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

Mail documents to be recorded with required cover to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 015586 FRAME: 0096

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:

ELECTRICALLY LOOPED BACK, FAULT EMULATING TRANSCEIVER MODULE

(Atty. Docket No.: CISC863/8438) 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.

Attorney Docket No. CISC863
Client Reference No. 8438

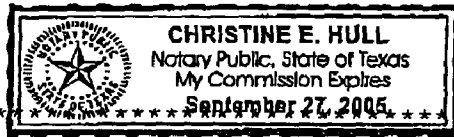
PATENT
REEL: 015586 FRAME: 0097

1) Signature: [Signature] Date: 7/12/2004
Typed Name: JAMES T. THEODORAS II

State of Texas)
(notary)SS:
County of Dallas)

Before me personally appeared said James T. Theodoras II
and acknowledged the foregoing instrument to be his/her free act and deed this
12th day of July, 2004.

Seal



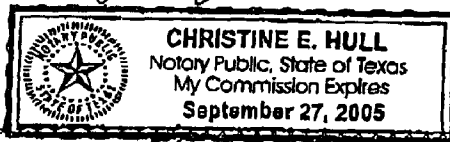
[Signature]
(Notary Public)

2) Signature: [Signature] Date: 7/12/2004
Typed Name: MATTHEW L. HESTON

State of Texas)
(notary)SS:
County of Dallas)

Before me personally appeared said Matthew L. Heston
and acknowledged the foregoing instrument to be his/her free act and deed this
12th day of July, 2004.

Seal



[Signature]
(Notary Public)

3) Signature: [Signature] Date: 7/12/2004
Typed Name: CLINTON D. MCKNIGHT

State of Texas)
(notary) SS:
County of Dallas)

Before me personally appeared said Clinton D. McKnight
and acknowledged the foregoing instrument to be his/her free act and deed this
12th day of July, 2004.

Seal



[Signature]
(Notary Public)

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Client Reference No. 8438