

ASSIGNM

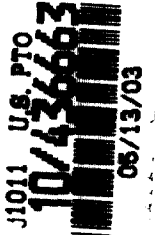
05-20-2003

HEET



102451878

To: Honorable Commissioner of Patent



Please record the attached original document(s) or copy thereof.

## 1. Name of conveying party(ies)

- a) Jimmy ERVIN
- b) Praveen BHAGWATULA
- c) Russell GARDON
- d) Charles Allen CARRIKER
- e) Thomas E. BLACK Jr.
- f) Steven FAULKNER

5-13-03

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

- a) Name: CISCO TECHNOLOGY, INC.
- b) Address: 170 W. Tasman Drive  
San Jose, California 95134  
United States of America

## 3. Nature of conveyance

- |                                     |                    |                          |                   |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment         | <input type="checkbox"/> | Merger            |
| <input type="checkbox"/>            | Security Agreement | <input type="checkbox"/> | Change of Name    |
| <input type="checkbox"/>            | Other _____        | <input type="checkbox"/> | License Agreement |

Execution Date: May 7, 2003

## 4. Application Number(s) or Patent Number(s):

10436663

The title of the (new) application is:

**METHOD AND SYSTEM FOR PROVIDING A LOOP-FREE RING TOPOLOGY**

## 5. Please send all correspondence concerning this (these) documents to:

Customer No. 26541  
Ritter, Lang & Kaplan LLP  
12930 Saratoga Ave., Suite D1  
Saratoga, CA 95070  
(408) 446-8690 (PH)  
(408) 446-8691 (FX)

05/15/2003 DTESSEN1 00000043 10436663

FC:8021

40.00 DP


## 6. Total number of applications and patents involved: 1

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

- ☒ Enclosed
- ☒ Any deficiencies are hereby authorized to be charged to Deposit Account No. 50-1652 (Order No. CISC821)

## 8. 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.

Date: May 13, 2003

  
Cindy S. Kaplan

Registration No. 40,043

Attorney Docket No. CISC821

(Revised 01/96)

**PATENT**  
**REEL: 014072 FRAME: 0504**

# 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:

## **METHOD AND SYSTEM FOR PROVIDING A LOOP-FREE RING TOPOLOGY**

(Atty. Docket No.: CISC821) 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 W. Tasman Drive, San Jose, CA 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.

1) Signature: Jimmy Ervin Date: 5/7/2003  
Typed Name: **JIMMY ERVIN**  
State of North Carolina

County of Wake ) SS:

Before me personally appeared said Jimmy Ervin  
and acknowledged the foregoing instrument to be his/her free act and deed this  
7<sup>th</sup> day of April, 2003.

Seal

My Commission Expires 6-15-2003

Lyman M. Bullock  
(Notary Public)

2) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: **PRAVEEN BHAGWATULA**

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) SS:

Before me personally appeared said \_\_\_\_\_  
and acknowledged the foregoing instrument to be his/her free act and deed this  
\_\_\_\_\_ day of \_\_\_\_\_, 2003.

Seal

(Notary Public)

3) Signature: Russell Gardo Date: 5/7/2003  
Typed Name: **RUSSELL GARDO**

State of North Carolina )  
County of Wake ) SS:

Before me personally appeared said Russell Gardo  
and acknowledged the foregoing instrument to be his/her free act and deed this  
7<sup>th</sup> day of April, 2003.

Seal

Lyman M. Bullock  
(Notary Public)  
My Commission Expires **PATENT** 6-15-2003  
**REEL: 014072 FRAME: 0506**

1) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: **JIMMY ERVIN**

State of \_\_\_\_\_ )  
SS:  
County of \_\_\_\_\_ )

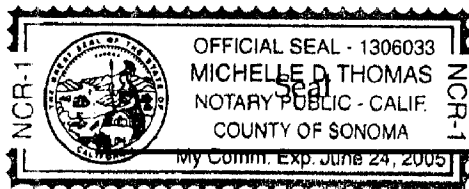
Before me personally appeared said \_\_\_\_\_  
and acknowledged the foregoing instrument to be his/her free act and deed this  
\_\_\_\_\_ day of \_\_\_\_\_, 2003.

Seal \_\_\_\_\_  
(Notary Public)

2) Signature: Praveen B. Date: 5/7/03  
Typed Name: **PRAVEEN BHAGWATULA**

State of California )  
SS:  
County of Sonoma )

Before me personally appeared said Praveen Bhagwatula  
and acknowledged the foregoing instrument to be his/her free act and deed this  
7th day of May, 2003.



Michelle D. Thomas  
(Notary Public)

3) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: **RUSSELL GARDO**

State of \_\_\_\_\_ )  
SS:  
County of \_\_\_\_\_ )

Before me personally appeared said \_\_\_\_\_  
and acknowledged the foregoing instrument to be his/her free act and deed this  
\_\_\_\_\_ day of \_\_\_\_\_, 2003.

4) Signature: Charles Allen Carriker  
Typed Name: CHARLES ALLEN CARRIKER

Date: 5-7-2003

State of North Carolina )

SS:

County of Wake )

Before me personally appeared said Charles Allen Carriker  
and acknowledged the foregoing instrument to be his/her free act and deed this  
7<sup>th</sup> day of April, 2003.

Seal

My Commission Expires 6-15-2003

Simon M. Baker  
(Notary Public)

5) Signature: \_\_\_\_\_  
Typed Name: THOMAS BLACK, JR.

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

State of \_\_\_\_\_ )

SS:

County of \_\_\_\_\_ )

Before me personally appeared said \_\_\_\_\_  
and acknowledged the foregoing instrument to be his/her free act and deed this  
\_\_\_\_\_ day of \_\_\_\_\_, 2003.

Seal

\_\_\_\_\_  
(Notary Public)

6) Signature: Steven Faulkner  
Typed Name: STEVEN FAULKNER

Date: 5-7-2003

State of North Carolina )

SS: 562-39-6866

County of Wake )

Before me personally appeared said Steven Faulkner  
and acknowledged the foregoing instrument to be his/her free act and deed this  
7<sup>th</sup> day of April, 2003.

Seal

Simon M. Baker  
(Notary Public)

My Commission Expires 6-15-2003

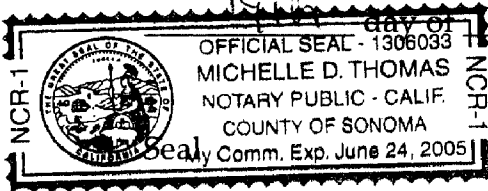
4) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: CHARLES ALLEN CARRIKER  
  
State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) SS:  
  
Before me personally appeared said \_\_\_\_\_  
and acknowledged the foregoing instrument to be his/her free act and deed this  
\_\_\_\_\_ day of \_\_\_\_\_, 2003.

Seal

\_\_\_\_\_  
(Notary Public)

5) Signature: [Signature] Date: 5-7-03  
Typed Name: THOMAS BLACK, JR.  
  
State of California )  
County of Sonoma ) SS:

Before me personally appeared said THOMAS BLACK JR  
and acknowledged the foregoing instrument to be his/her free act and deed this  
May day of May, 2003.



[Signature]  
(Notary Public)

6) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: STEVEN FAULKNER  
  
State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) SS:  
  
Before me personally appeared said \_\_\_\_\_  
and acknowledged the foregoing instrument to be his/her free act and deed this  
\_\_\_\_\_ day of \_\_\_\_\_, 2003.

Seal

\_\_\_\_\_  
(Notary Public)