

06-03-2003



ASSIGNMENT

102462756  
-PATENTS ONLY-

SHEET

11002 U.S. PTO  
10/444438  
05/23/03

To: Honorable Commissioner of Patents and Trademarks:

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

1. Name of conveying party(ies) **5-23-03**  
a) RONALD IOVINE  
b) WEIQING CAI
2. Name and address of receiving party(ies):  
a) Name: CISCO TECHNOLOGY, INC.  
b) Address: 170 W. TASMAN DRIVE, SAN JOSE, CA 95134-1706
3. Nature of conveyance  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_ ☐ License Agreement

Execution Date: May 21, 2003

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

**10444438**

The title of the (new) application is:

**METHOD AND APPARATUS FOR MIXED-CAST ROUTING THROUGH A CLOS-LIKE NETWORK**

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)

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. CISC809)


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 23, 2003

05/28/2003 ANABI1 00000016 10444438

04 FC:8021

40.00 DP

  
PEGGY A. SU

Registration No. 41,336

Attorney Docket No. CISC809/6742

(Revised 01/96)

**PATENT**  
**REEL: 014115 FRAME: 0519**

# 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 APPARATUS FOR MIXED-CAST ROUTING THROUGH A CLOS-LIKE NETWORK**

(Atty. Docket No.: CISC809) 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: Ronald Iovine  
Typed Name: **RONALD IOVINE**

Date: 5/21/2003

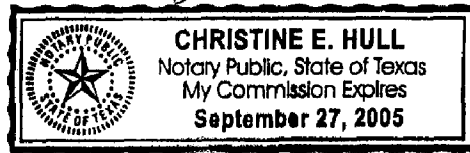
State of Texas )

SS:

County of Dallas )

Before me personally appeared said Ronald Iovine  
and acknowledged the foregoing instrument to be his/her free act and deed this  
21<sup>st</sup> day of May, 2003.

Seal



Christine E. Hull  
(Notary Public)

2) Signature: Weiqing Cai  
Typed Name: **WEIQING CAI**

Date: 5-21-2003

State of Texas )

SS:

County of Dallas )

Before me personally appeared said Weiqing Cai  
and acknowledged the foregoing instrument to be his/her free act and deed this  
21<sup>st</sup> day of May, 2003.

Seal



Christine E. Hull  
(Notary Public)