

11-07-2003

IN THE UNITED STATES



DEMARK OFFICE

Docket No.: CSCO-7059

10-28-03

102595347

I hereby certify that this transmittal of the below described document is being deposited with the United States Postal Service in an envelope bearing First Class Postage and addressed to the Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450, on the below date of deposit.			
Date of Deposit:	10/28/03	Name of Person Making the Deposit:	Anthony Chou
		Signature of the Person Making the Deposit:	<i>Anthony Chou</i>

The Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

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

Transmittal of an Assignment1. Name of conveying party(ies): **Yu Kwong Ng, Yung-Chin Chen**

Serial No.:

Group Art Unit:

Filed: **10/28/03**

Examiner:

2. Name and Address of Receiving party(ies) **Cisco Technology, Inc.**
170 West Tasman Drive
San Jose, CA 95134-1706

3. Nature of Conveyance: **Assignment**
 Execution Date/ **10/24/03**

10696467

4. New Patent Application entitled: **A PARTIAL KEY HASHING MEMORY**

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

Name: James P. Hao

Address: Wagner, Murabito & Hao LLP

Two North Market Street, Third Floor, San Jose, CA 95113

Phone: (408) 938-9060

6. Total Number of applications and patents involved: ONE7. **Fee Calculation** (for other than a small entity)

Assignment Recordation Fee, per property

1 X \$40.00

Total Fees (37 CFR 3.41)**\$40.00**

X The amount of \$ 40.00 is enclosed

8. At any time during the pendency of this application, please charge any additional fees required or credit any overpayments to Deposit Account 23-0085. A duplicate copy of this transmittal is enclosed.

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.

Date: October 28, 2003*James P. Hao*

Reg. No. 36,398

10-03/2003 EFLORES 00000003 10696467

10:8021

10:00 03

Attorney Docket No.: CSCO-7059**Assignment to Cisco Technology, Inc.**

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Yu Kwong Ng, Yung-Chin Chen

do hereby sell, assign, and transfer unto Cisco Technology, Inc. (hereinafter called Cisco), a California Corporation having its principal place of business at 170 West Tasman Drive, San Jose, California 95134-1706, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

A PARTIAL KEY HASHING MEMORY

X filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: _____ filed on _____ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of Cisco, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Cisco, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Cisco.

I/we further covenant with Cisco, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: _____

Yu Kwong Ng

Date: _____

10/24/03

State of _____

County of _____

Before me this _____

24th

day of _____

October, 2003personally
appeared _____Yu Kwong Ng

who is _____

personally known or _____

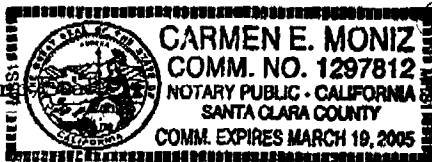
proved to me on the basis of satisfactory evidence to be the person

who acknowledged the foregoing instrument of assignment to be _____

his or _____

her free act and deed.

Notary Stamp _____



Notary Public _____

* Total of 2 forms are submitted. (Multiple Page 1)

Page 1

Attorney Docket No.: CSCO-7059**Assignment to Cisco Technology, Inc.**

In consideration of good and valuable consideration, receipt of which is hereby acknowledged, I/we

Yu Kwong Ng, Yung-Chin Chen

do hereby sell, assign, and transfer unto Cisco Technology, Inc. (hereinafter called Cisco), a California Corporation having its principal place of business at 170 West Tasman Drive, San Jose, California 95134-1706, and its successors and assigns, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements, including the right of priority in, to, and under, the application for the United States patent entitled:

A PARTIAL KEY HASHING MEMORY☒ filed herewith and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; or

Serial No.: _____ filed on _____ and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, I/we agree promptly upon request of Cisco, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Cisco, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by Cisco.

I/we further covenant with Cisco, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned;

In witness whereof, I/we hereunto set my/our hand(s) and seal:

Inventor's Signature: _____

Yung-Chin Chen
Yung-Chin Chen

Date: _____

10/24/2003

State of _____

California

County of _____

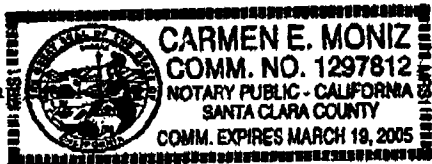
Santa Clara

Before me this _____

*24th**day of October, 2003*personally
appeared*Yung-chin Chen*

who is _____ personally known or ☒ proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be ☒ his or _____ her free act and deed.

Notary Stamp



Notary Public

[Signature]
Notary Public

* Total of 2 forms are submitted. (Multiple Page 1)

Page 1

RECORDED: 10/28/2003

PATENT
REEL: 014657 FRAME: 0450