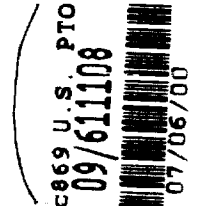


IN THE UNITED STATES

07-20-2000



101409064



Box PATENT APPLICATION
Commissioner of Patents and Trademarks
Washington, D.C. 20231

Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

1. Name of parties conveying an interest: Jose Uemura and Rafael Gomez
2. Name and address of party receiving an interest: Cisco Technology, Inc.
170 West Tasman Drive
San Jose, CA 95134-1706

3. Description of the interest conveyed:

☒ Assignment ☐ Change of Name ☐ Security Agreement ☐ Merger

Date of execution of attached document: July 6, 2000

4. Application number(s) or patent number(s). Additional sheet attached? Yes ___ No X

If this document is being filed together with a new application, the execution date of the application is: July 6, 2000

A. Patent Application No.

B. Patent No.

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

MARGER JOHNSON & McCOLLOM, P.C.
1030 SW Morrison Street
Portland, Oregon 97205
Telephone: (503) 222-3613

Number of applications and patents involved: 1

7. Enclosed is our check for \$1,498, which includes \$40 for the recordation fee.

8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.

9. 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.

Dated: July 6, 2000

Respectfully submitted,
MARGER JOHNSON & McCOLLOM, P.C.

James G. Stewart
Reg. No. 32,496

MARGER JOHNSON & McCOLLOM, P.C.
1030 SW Morrison Street
Portland, OR 97205
(503) 222-3613

Total number of pages comprising
cover sheet and attached assignment: 3

ASSIGNMENT

Assignor: Jose Uemura

Address: 10591 Johnson Avenue, Cupertino, California 95014

Assignor: Rafael Gomez

Address: 21880 Dolores Avenue, Cupertino, California 95014

Assignee: CISCO TECHNOLOGY, INC

Address: 170 West Tasman Drive, San Jose, California 95134-1706

Title of Invention: SCALABLE SYSTEM and METHOD FOR RELIABLY SEQUENCING
changes in SIGNALING BITS IN MULTICHANNEL TELECOMMUNICATION LINES
TRANSMITTED OVER A NETWORK

Application Serial No.: Not Yet Known

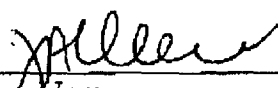
Filing Date: Herewith

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this

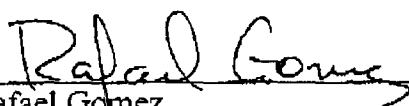
assignment after such information is added.

Executed at _____, California, this 6 day of July, 2000.



Jose Uemura
Assignor

Executed at _____, California, this 6 day of July, 2000.



Rafael Gomez
Assignor