

12-13-2002



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PATENTS ONLY
Attorney's Do. No. 2705-248
Client Seq. No. 5470

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: Ramanathan Jagadeesan, Bich Nguyen, and Kent G. Iverson

Serial No.: (not yet known)

Filed: (filed herewith)

For: **SMART FRAME SELECTION FOR IMPROVED
BACKHAUL BANDWIDTH EFFICIENCY**

BOX ASSIGNMENTS

Commissioner of Patents and Trademarks
Washington, DC 20231

10/313758

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

1. Name of parties conveying an interest:
 - (1) Ramanathan Jagadeesan
 - (2) Bich Nguyen
 - (3) Kent G. Iverson
2. Name and address of party receiving an interest: Cisco Technology, Inc.
170 West Tasman Drive
San Jose, California 95134-1706
3. Description of the interest conveyed:
☒ Assignment ☐ Change of Name ☐ Security Agreement ☐ Merger Other:
Date of execution of attached document:
 - (1) November 21, 2002
 - (2) November 21, 2002
 - (3) December 4, 2002
4. Application number(s) or patent number(s). Additional sheet attached?
Yes ☐ No ☐

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

- (1) November 21, 2002
- (2) November 21, 2002
- (3) December 4, 2002

A. Patent Application No. _____

B. Patent No. _____

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

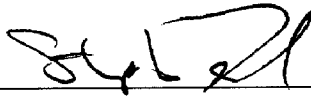
Stephen S. Ford
MARGER JOHNSON & McCOLLOM, P.C.
1030 S.W. Morrison Street
Portland, Oregon 97205
Telephone: (503) 222-3613

6. Number of applications and patents involved: one
7. PTO Form 2038 authorizing credit card payment of \$40 for the recordal fee.
8. Any deficiency or overpayment should be charged or credited to Deposit Account No. 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: December 5, 2002

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.



Stephen S. Ford
Registration No. 35,139

Total number of pages comprising
cover sheet and attached assignment: 5

ASSIGNMENT

Assignor: Ramanathan Jagadeesan
Address: 3275 Lac D'Azur Court
San Jose, CA 95148

Assignor: Bich Nguyen
Address: 896 University Ave.
Los Altos, CA 94024

Assignor: Kent G. Iverson
Address: 703 Pier Avenue, Suite B578
Hermosa Beach, CA 90254

Assignee: CISCO TECHNOLOGY, INC
Address: 170 West Tasman Drive
San Jose, California 95134-1706

**Title of
Invention:** SMART FRAME SELECTION FOR IMPROVED BACKHAUL
BANDWIDTH EFFICIENCY

U.S. Patent Application:

Application Serial No.: Filed Herewith

Filing Date: Filed Herewith

U.S. Patent No.:

Issued:

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, non-provisionals 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, non-provisional 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.

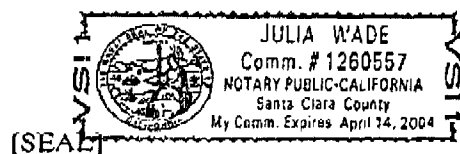
In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such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

Executed at San Jose, California, this 21st day of November, 2002.

Y. J. Ramanathan
Ramanathan Jagadeesan
Assignor

STATE OF CALIFORNIA)
County of SANTA CLARA)ss.
)

Before me this 21st day of NOVEMBER, 2002, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



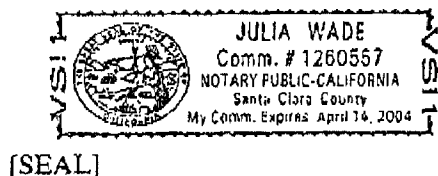
Julia Wade
Notary Public for California
My commission expires: APR 14, 2004

Executed at San Jose, California, this 21st day of November, 2002.

Bich Nguyen
Bich Nguyen
Assignor

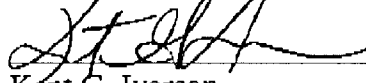
STATE OF CALIFORNIA)
County of SANTA CLARA)ss.
)

Before me this 21st day of NOVEMBER, 2002, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.



Julia Wade
Notary Public for California
My commission expires: APR 14, 2004

Executed at San Jose, California, this 4th day of December, 2002.



Kent G. Iverson
Assignor

STATE OF CALIFORNIA)
)ss.
County of SANTA CLARA)

Before me this 4th day of DECEMBER, 2002, personally appeared the above-named individual, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.


Notary Public for California

My commission expires: February 19, 2004

[SEAL]

