

PATENT APPLICATION  
Attorney Do. No. 2705-267

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of: Mehryar K. Garakani, Herbert M. Wildfeuer, Prasad Miriyala and Henry Diep

Serial No.: 10/449,953

Filed: May 30, 2003

For: **COMPRESSION OF REPEATED PATTERNS IN FULL BANDWIDTH CHANNELS OVER A PACKET NETWORK**

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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) Mehryar Khalili Garakani
  - (2) Herbert Michael. Wildfeuer
  - (3) Prasad Miriyala
  - (4) Henry Diep
  
- 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) May 28, 2003
  - (2) May 30, 2003
  - (3) May 28, 2003
  - (4) May 28, 2003

OP \$40.00 10449953

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) May 29, 2003
- (2) May 30, 2003
- (3) May 28, 2003
- (4) May 28, 2003

A. Patent Application No. 10/449,953      B. Patent No. \_\_\_\_\_

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

Julie L. Reed  
 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: August 15, 2003

Respectfully submitted,

MARGER JOHNSON & McCOLLOM, P.C.

Julie L. Reed  
 Julie L. Reed  
 Registration No. 35,349

Total number of pages comprising cover sheet and attached assignment: 9

PATENT APPLICATION  
Attorney's Do. No. 2705-267  
Client Seq. No. 6908

**ASSIGNMENT**

**Assignor:** Mehryar Khalili Garakani  
**Address:** 1510 Heather Oaks Lane  
Westlake Village, California 91361

**Assignor:** Herbert Michael Wildfeuer  
**Address:** 3107 Lucinda Lane  
Santa Barbara, California 93105

**Assignor:** Prasad Miriyala  
**Address:** 4500 Alvarado Blvd.  
Union City, California 94587

**Assignor:** Henry Diep  
**Address:** 2905 Vista Creek Drive  
San Jose, California 95133

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

**Title of  
Invention:** COMPRESSION OF REPEATED PATTERNS IN FULL  
BANDWIDTH CHANNELS OVER A PACKET NETWORK

U.S. Patent Application:

Application Serial No.:

Filing Date:

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.

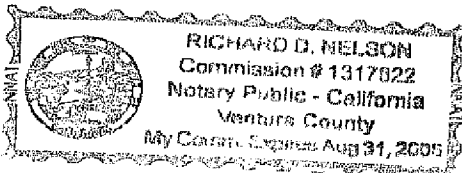
In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such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

Executed at Thousand Oaks California, this 28<sup>th</sup> day of May, 2003.

Mehryar K. Garakani  
 Mehryar K. Garakani  
 Assignor

STATE OF CALIFORNIA )  
 )  
 County of Ventura ) ss.  
 )

Before me this 28 day of May, 2003, 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.




Richard D. Nelson  
 Notary Public for California  
 My commission expires: 8/31/05

[SEAL]

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 Goleta, California, this 30<sup>th</sup> day of May, 2003.

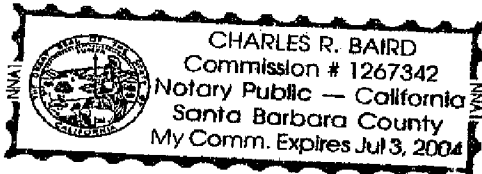
  
\_\_\_\_\_  
Herbert M. Wildfeuer  
Assignor

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

Before me this 30<sup>th</sup> day of MAY, 2003, 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.

Charles R. Baird  
\_\_\_\_\_  
Notary Public for California  
My commission expires: JULY 3, 2004

[SEAL]



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 28 day of MAY 2003 2003.

Prasad Miriyala 28 MAY 2003

Prasad Miriyala  
Assignor

STATE OF CALIFORNIA )  
 )ss.  
County of \_\_\_\_\_ )

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2003, 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: \_\_\_\_\_

[SEAL]

*Please see the attached certificate of Notarization.*

**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

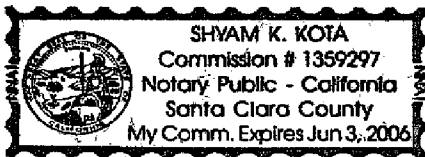
State of California

County of SANTA CLARA } ss.

On MAY 20, 2003 before me, SHYAM K. KOTA  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared PRASAD MIRIYALA  
Name(s) of Signer(s)

personally known to me  
 proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument

WITNESS my hand and official seal.

*[Handwritten Signature]*  
Signature of Notary Public

**OPTIONAL**

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.*

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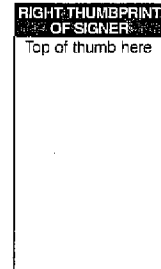
Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer**

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_



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 28 day of MAY 2003, 2003.

Henry Diep  
Henry Diep  
Assignor

STATE OF CALIFORNIA )  
 )ss.  
County of \_\_\_\_\_ )

Before me this \_\_\_\_\_ day of \_\_\_\_\_, 2003, 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: \_\_\_\_\_

[SEAL]

*Please see the attached certificate of Notarization.*



**CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT**

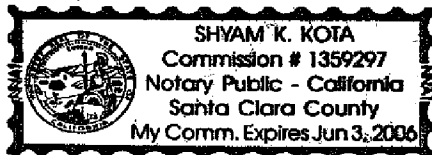
State of California

County of SANTA CLARA } SS.

On MAY 28 2003 before me, SHYAM K. KOTA  
Date Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared HENRY DIEP  
Name(s) of Signer(s)

personally known to me  
 proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/~~she~~/they executed the same in his/~~her~~/their authorized capacity(ies), and that by his/~~her~~/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

*[Signature]*  
Signature of Notary Public

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**Capacity(ies) Claimed by Signer**

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney-in-Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

Signer Is Representing: \_\_\_\_\_

