

**ASSIGNMENT RECORDATION COVER SHEET
-PATENTS ONLY-**

Commissioner of Patents:

Please record the attached document.

1. Name of conveying part(ies):

- a) Kartik Chandran
- b) Chrisanto Leano
- c) Sunil Khaunte
- d) Jerry D. Goodrich
- e) Kelly Schaefer

2. Name and address of receiving party:

- a) Name: Cisco Technology, Inc.
- Address: 170 West Tasman Drive,
San Jose, California 95134-1706

3. Nature of conveyance

- | | | | |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment | <input type="checkbox"/> | Merger |
| <input type="checkbox"/> | Security Agreement | <input type="checkbox"/> | Change of Name |
| <input type="checkbox"/> | Other _____ | <input type="checkbox"/> | License Agreement |

Execution Date: July 31, 2001 for Leano, Goodrich and Schaefer;
August 2, 2001 for Khaunte; and August 21, 2001 for Chandran.

4. Application Number(s) or Patent Number(s): 11/484,382

The title of the (new) application is: METHOD AND APPARATUS FOR MAPPING AN MPLS TAG TO A DATA PACKET IN A HEADEND

5. Please send all correspondence concerning this (these) documents to:

Beyer Weaver & Thomas, LLP
P.O. Box 70250
Oakland, CA 94612-0250
Ph: (510) 663-1100
Fax: (510) 663-0920
Customer Number: 022434

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- Enclosed (Charged to Deposit Acct No. 500388 on 7/13/2006)
- Charge to Deposit Account No. 500388 (Order No. _____).
- Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. CISCP212C1)

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: August 24, 2006


Elise R. Heilbrunn
Registration No. 42,649

Attorney Docket No. CISCP212C1/14629

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 MAPPING AN MPLS TAG TO A DATA PACKET IN A HEADEND

(Atty. Docket No.: CISC212/2943) 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 West Tasman Drive, San Jose, California 95134-1706, (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.

Signed on the date(s) indicated beside my (our) signature(s).

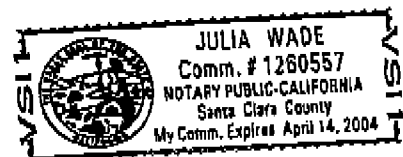
1. Inventor Signature: *Kartik Chandran* Date: 8/21/2001
Kartik Chandran

State of California }
County of SANTA CLARA } ss.

On this 21st day of AUGUST, in the year 2001, before me, JULIA WADE, Notary Public, personally appeared Kartik Chandran, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature *Julia Wade*



2. Inventor Signature: *Chrisanto Leano*
Chrisanto Leano

Date: 7/31/01

State of California }
County of SANTA CLARA } ss.

On this 31ST day of JULY, in the year 2001, before me, JULIA WADE, Notary Public personally appeared Chrisanto Leano, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature *Julia Wade*



3. Inventor Signature: *Sunil Khaunte*
Sunil Khaunte

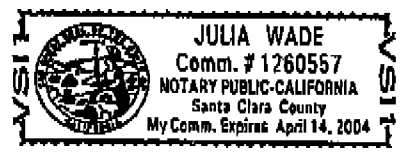
Date: 08/02/2001

State of California }
County of SANTA CLARA } ss.

On this 2ND day of AUGUST, in the year 2001, before me, JULIA WADE, Notary Public, personally appeared Sunil Khaunte, ~~personally known to me~~ (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature *Julia Wade*



4. Inventor Signature: Jerry D. Goodrich
Jerry D. Goodrich

Date: 7-31-01

State of California }
County of SANTA CLARA } ss.

On this 31ST day of JULY, in the year 2001, before me, JULIA WADE, Notary Public, personally appeared Jerry D. Goodrich, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Julia Wade



5. Inventor Signature: Kelly Schaefer
Kelly Schaefer

Date: 7-31-01

State of California }
County of SANTA CLARA } ss.

On this 31ST day of JULY, in the year 2001, before me, JULIA WADE, Notary Public, personally appeared Kelly Schaefer, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Julia Wade

