ASSIGNMENT RECORDATION COVER SHEET -PATENTS ONLY-

Commis	sioner 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 Assignment							
	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. attach	To the best of my knowledge and belief, the foregoing information is true and correct and any ed 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

PATENT REEL: 018175 FRAME: 0760

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.: CISCP212/2943) 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 <u>Cisco Technology</u>, <u>Inc.</u>, 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 State of California County of SANTA CLARA On this 215 day of AUOVIT, in the year 2001, before me, 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. JULIA WADE Notary Signature _ Comm. # 1260557 NOTARY PUBLIC-CALIFORNIA Santa Clara County My Comm. Expires April 14, 2004

Attorney Docket No.: CISCP0212/2943 (Updated 0619/98)

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2. Inventor Signatur	re: Chrisanio Leano	hati		Date:	7/31/01
State of California)) -ss	I.		
County of SANIA C	LARA	_ _ _			_
On this 31 personally known to person whose name he/she executed the the instrument the pinstrument.	same in his Aer aut person, or the entity	thorized capac upon behalf	hac kapitan	that by his	Her signature on
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3. Inventor Signa	fure: Sunil Khaunte			Date:	08/02/2001
State of California		į	60		
personally known person whose nar he/she executed the instrument the	2ND day of 710, Not 100 me is subscribed to the same in his/her at the person, or the entity	tary Public, to me on the or the within in the third cap into the uthorized cap ity upon behalf	personally basis of sa astrument, a acity(ies), a	appeared tisfactory e and acknov nd that by b	2001, before me, Sunil Khanunte, vidence) to be the vledged to me that his/her signature on acted, executed the
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4. Invento	or Signatur	e: Jerry D. G	oodrich	`	_ Date	7-31	-01	_
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