ASSIGNM



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05/02/2003	BNGUYEN1	Cindy S . Kaplan Registration No. 40,043
	Date:	April 30, 2003
	8. is a true	To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy e copy of the original document.
		Enclosed Any deficiencies are hereby authorized to be charged to Deposit Account No. 50-1652 (Order No. CISCP818)
	7.	Total fee (37 CFR 3.41): \$40.00
	6.	Total number of applications and patents involved: 1
		Customer No. 26541 Ritter, Lang & Kaplan LLP 12930 Saratoga Ave., Suite D1 Saratoga, CA 95070 (408) 446-8690 (PH) (408) 446-8691 (FX)
	5.	Please send all correspondence concerning this (these) documents to:
		METHOD FOR SUPPORTING A GMPLS HIERARCHY THROUGH MULTIPLE ROUTING INSTANCES
		The title of the (new) application is:
	4.	Application Number(s) or Patent Number(s):
		Execution Date: April 29, 2003
		Security Agreement Change of Name Other License Agreement
	3.	Nature of conveyance Assignment Merger
	2.	Name and address of receiving party(ies): a) Name: CISCO TECHNOLOGY, INC. b) Address: 170 W. Tasman Drive San Jose, CA 95134
	1.	Name of conveying party(ies) a) Daniel TAPPAN 4-36-03
		Please record the attached original document(s) or copy thereof.
	To:	Honorable Commissioner of Patents and Trademarks:

- Attorney Docket No. CISCP818

PATENT (PAGE 1401/96)

REEL: 014032 FRAME: 0029

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 FOR SUPPORTING A GMPLS HIERARCHY THROUGH MULTIPLE ROUTING INSTANCES

(Atty. Docket No.: CISCP818) 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 W. Tasman Drive, San Jose, CA 95134, (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.

1) Signature: Prof. Date: 9/29/03
Typed Name: DANIEL TAPPAN

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Attv Doc**REGOORDEO**! 04/30/2003 REEL: 014032 FRAME: 0030

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