

ASSIGNMENT RE -PALEILAN

100952101

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

۱.	Name a) c)	e of conveying _J Guenter E. R Charles J. Na	loeck	b)	Wei-S	Sing Chen	WR1) 1-8-99	
2.	Name a)	e and address of Name:	Cisco	Techno	logy, Inc	».	5. o	_
		Address:	170 W	est Tas	man Dri	ve, San Jose	e, CA 95134-170	6
3.	Natu	re of conveyanc	e					
	\boxtimes	Assignment				Merger		
		Security Agr	eement			Change of		
		Other			_ 🗆	License A	Agreement	
	Exec	ution Date:	Januai	y 6, 19		00/		
1.	Appl	ication Number	(s) or Pate	ent Num	ber(s):	09/ax	7,990	

The title of the (new) application is:

Fast and Reliable Data Carrier Detection by a Cable Modem in a Cable Television Plant

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

Rupak Nag BEYER & WEAVER, LLP P.O. Box 61059 Palo Alto, CA 94306 Tel. No.: (510) 843-6200 Fax No.: 510) 843-6203

6. Total number of applications and patents involved: 1

7.	ee (37 CFR 3.	41): <u>\$40.00</u>
01/21/1999 PSTANBAC		
04 FC:581	Enclosed Authorized t (Order No/	b be charged to Deposit Account No. 50-0388

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: January 8, 1999

Rupak Nag

Registration No. 37,493

Atty. Dkt. No. **CISCP073** (774)

(Revised 01/96)

PATENT REEL: 9716 FRAME: 0386

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:

Fast and Reliable Data Carrier Detection by a Cable Modem in a Cable Televisjon Plant

(Atty. Docket No. CISCP073 (774)) for which 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:

- 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, CA 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.
- 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.
- 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 applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 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.
- Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Date: 1/6/99

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

County of Jara Clara,
State of A// ONN/A .) ss.
On this day of Japan, in the year 977, before me, personally appeared Guenter E. Roeck, 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,

WITNESS my hand and official seal.
Signature

executed the instrument.

Signature: Typed Name:

1)

(SEAL)

MARY L. STAHLKE Commission # 1141574 Notary Public — California Santa Clara County My Comm. Expires Jul 2 2001

2) Signature: Typed Name:	Wel-Sing Chen	Date:	16/99
that by his her signal executed the instrum	satisfactory evidence) to be the howledged to me that he she executure on the instrument the person	the person whose nar	mally known to me (or proved to me is subscribed to the within her authorized capacity (ies), and
3) Signature: Typed Name: County of	Charles J. Naegeli	∕∕ Date: _	6 Jun 99
instrument, and ack that by his/her sign executed the instrument	of satisfactory evidence) to be knowledged to me that he she exc ature on the instrument the person	e the person whose n	ersonally known to me (or proved ame is subscribed to the within ther authorized capacity(ies), and
Signature /	SEAL)		MARY L. STAHLKE Commission # 1141574 Natury Public California Sunta Clara County My Cornm. Expires Jul 2 2001

RECORDED: 01/08/1999