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U.S. DEPARTMENT OF COMMERCE

1-31-92				Patent and Trademark Office	
Docket No.: 50325-081		TS ONLY			
To the Honorable Commissioner of Patents	Trademarks:	•			
1. Name of Conveying Party(ies):	(3)	2. Name a	nd address of receiving party	y(ies):	
Fan Jiao	1 1 2000 (3)	Name:	Cisco Technology, Inc.		
FEB		Address:	170 West Tasman Drive		
Additional name(s) of conveying party(ies) at sched	? 🔲 🗴				
3. Nature of Conveyance:	a armet alma a		San Jose, CA 95134-1706	5	
	г				
Security Agreement Chang	e of Name				
Other					
Execution Date: January 31, 2000			( ) <b>2</b>	. 10 🗔 🔻	
		Additional	name(s) & address(es) attac	hed? Yes	
4. Application number(s) or patent number(s):					
If the document is being filed together with a new	w application,				
A. Patent Application No(s).		B. Patent l	No(s).		
09/435,015, filed November 5, 1999					
			. 🗖 🕶		
Additional numbers attached? Yes					
5. Name and address of party to whom corresponde	ence	6. Total nu	imber of applications and pa	atents involved: 1	
concerning document should be mailed:			(	<b>#</b> 40.00	
Name: MCDERMOTT, WILL & EMERY	EMERY		e (37 CFR 3.41)	\$40.00	
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9. Statement and signature.  To the best of my knowledge and belief, the	o foregoing inf	ormation is:	true and correct and any att	ached copy is a true copy	
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Christopher J. Palermo, Reg. No. 42,056	Ch	mAuple	Mother	February $8$ , 2000	
Name and Registration No. of Person Signing		Signatur		Date	
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CMB No. 0851-0011 (exp. 4/94)					

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**PATENT REEL: 010593 FRAME: 0959**  Docket No.: 50325-081

## <u>ASSIGNMENT</u>

WHEREAS I, FAN JIAO of Cupertino, California, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled DIRECTORY-ENABLED NETWORK ELEMENTS, executed by me on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on November 05, 1999, and identified by United States Serial No. 09/435,015;

AND WHEREAS, Cisco Technology, Inc., a corporation of the State of California and having an address of 170 West Tasman Drive, San Jose, CA 95134-1706 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer and set over unto Cisco Technology, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, I hereby agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Cisco Technology, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

PATENT REEL: 010593 FRAME: 0960 STATE OF CALIFORNIA

COUNTY OF AMARIAN

On this day of Amarian day of Market Department of the personally appeared of the same in the satherized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official scal.

SEAL

Note: 1501

Comm. #1095789 VOTARY PUBLIC - CALIFORNIA SANTA CLARA COUNTY Comm. Exp. May 17, 2000

**RECORDED: 02/11/2000** 

PATENT REEL: 010593 FRAME: 0961