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FORM PTO-1595 1-31-92					SHEET	U.S. DEPARTMENT OF COMMERCE SHEET Patent and Trademark Office				
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To the Honorable Commissioner 10075383			7	the attached original documents or copy thereof. Name and Address of receiving Party(ies):						
1. Name and Address of Conveying Party(ies):										
Ronald D. Lutz, Jr.				Name: Cisco Technology, Inc						
	412 Lisa Rae Drive tound Rock, Texas	Internal Address:								
						226	<u>6</u>			
□ Individ	lual/Citizenship:					<u> </u>				
	name(s) of conveying ses X No	:								
3. Nature	of conveyance:	Street Address:								
X	X Assignment		Merger	170	West Tasmai	n Drive				
	Security Agreemer	t	Change of Name	City: San.	Jose	State: Califo	rnia	Zip: 7	8727	
	Other		_1	State of Incorporation: California						
		Additional name(s) & address(es) Yes X No					No			
Execution	Date: June 15, 1	attached?								
	ation number(s) or p			41	1.4£.4h		T 11	1000		
	ocument is being fill Application No.(s)	ed together	with a new application,	B. Patent No		oplication is:,	june 11.	1998		
A. Fateni	Application No.(s)			B. Tatem No	,.(s <i>)</i>					
			Additional Numbers	attached?				Yes	X	No
	and address of party g document should b	6. Total number of applications and patents involved: 1								
Name: Anthony E. Pe			7. Total Fee (37 CFR 3.41): \$40.00							
Internal A	ddress: BAI	BAKER & BOTTS, L.L.P.		X	Enclosed					
Street Address: 2001 Ross A		Ross Ave	nue	Authorized to be charged to			d to dep	deposit account		
City:	City: Dallas State: Texas		77: 75001	8. Deposit account number:						
State:			Zip: 75201	No. 20-0384 of Baker & Botts, L.L.P.						
		(Attach Duplicate Copy of this page if paying by deposit account) SE THIS SPACE								
9. Staten	nent and signature.		DO NOT U	JL THIS STAC						
To the	best of my knowledg	e and belie	f, the foregoing informa	non is true and	correct and	any attached co	opy is a	true co	py of t	he
original de			MA	XT				10 100	0	
Anthony E. Peterman Name of Person Signing Signature			, <u>,</u>			June Date	19, 199	8		
Name of 1	crson Signing		Signature	Т	otal number	of pages include		er shee	t	3
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reviewing the san	nple cover sheet. Send comments	regarding this but	erage about 30 minutes per document to den estimate to the U.S. Patent and Tra	be recorded, including ti	ime for reviewing the Information Systems	document and gathering , PK2-1000C, Washington	the data nee on, D.C. 202	ded, and cor 31, and to the	mpleting ar he Office o	nd of
Management and	Budget, Paperwork Reduction Pr	oject, (0651-0011)	, Washington, D.C. 20503.							

ASSIGNMENT

WHEREAS, We, the undersigned inventors of residence as listed, have invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, Cisco Technology, Inc. (hereinafter referred to as "Assignee"), a California Corporation, with an address of 170 West Tasman Drive, San Jose, California 95134, desires to acquire our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and we authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

We also assign to Assignee, all right, title and interest in and to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful

PATENT REEL: 9274 FRAME: 0002 2

papers, execute all design, divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention: DIGITAL SUBSCRIBER LINE (xDSL) MODEM
HAVING A MULTI-LAYER ELECTROMAGNETIC
SHIELD AND METHOD OF MANUFACTURE

Signature of First Inventor:	MIMA					
Inventor's Name:	Ronald D. Lutz, Jr.					
Residence (City, County, State)	Round Rock (Williamson County), Texas					
Date:	0 11) 1 10					
Date Application Executed:						

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RECORDED: 06/19/1998

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