	11-23-1999	Attorney Docket No. 4103-29087
FORM PTO-1595 (Rev. 6-93) RECORDATION I PATI		RTMENT OF COMMERCE Patent and Trademark Office
To the Honorable Commissioner of Patents and Trademarks. Please record	101179149	
1. Name of conveying party(ies): William F. Edwards	2. maine and address of receiving party(is	es):
Frederick Roland Schindler	Name: Cisco Technology Inc.	
	Internal Address: 170 West Tasman Drive	
Additional name(s) of conveying party(ies) attached?	Street Address: 170 West Tasman Drive	
	Succe Address. 170 west fashian Drive	
3. Nature of conveyance:	City: San Jose State: California 2	ZIP: 95134
Security Agreement Change of Name		
Other:		
Execution Date: June 8, 9 and 10, 1999	Additional name(s) & address(es) attached	d:? 🗆 Yes 🛛 No
4. Application number(s) or patent number(s).		
If this document is being filed together with a new application, the execution	date of the application is: June 8, 9 and 10,	, 1999
A. Patent Application No(s). B. Pate	nt No(s).	
09330434 Additional numbers attached	.	
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and paten	ts involved:
	7. Total fee (37 CFR 3.41):	
Name: Richard L. Hughes SHERIDAN ROSS	\blacksquare Enclosed \square Charge	fee to deposit account
1700 Lincoln Street, 35th Floor		
Denver, CO 80203	Charge any additional fees associat pendency of this application, or creation	
	8. Deposit Account No.: 19-1970	
DO NOT USE	THIS SPACE	
9. Statement and signature.		
To the best of my knowledge and belief, the foregoing information is true and co	orrect and any attached copy is a true copy o	of the original document.
	sit	6,1994
Richard L. Hughes Name of Person Signing	Reg. No. 31,264 Date June	
Total number of pages including cover sheet, attachments and document:		
10. Change Correspondence Address to that of Part 5?? Yes No. 0651-0011 (exp. 4/94))	
Do not detac	h this portion	
Box Ass	tents and Trademarks ignments	
Washington	D. C. 20231	

PATENT REEL: 010257 FRAME: 0129

FORM PTO-1595 (Rev. 6-93)	10107346	6	
	ents and Irademarks. Please record the	attached original documents or copy thereof.	
 Name of conveying party(ies): William F. Edwards Frederick Roland Schlinder Robert Gregory Twiss Additional name(s) of conveying party((ies) attached? 🛛 Yes 🛛 No	2. Name and address of receiving party(ies): Name: Cisco Technology Inc. Internal Address: 170 West Tasman Drive Street Address: 170 West Tasman Drive	
3. Nature of conveyance:		ň	
Assignment	Merger	City: San Jose State: California ZIP: 95134	
Security Agreement	Change of Name		
Other:			
Execution Date: June 8, 9 and 10, 1999		Additional name(s) & address(es) attached: ? 🗌 Yes 🛛 No	
 Application number(s) or patent num If this document is being filed togeth 	() 1 > 50	H date of the application is: June 8, 9 and 10, 1999	
A. Patent Application No(s).	B. Pate	ent No(s).	
	Additional numbers attache	d? 🗆 Yes 🖾 No	
5. Name and address of party to whom	correspondence concerning document	6. Total number of applications and patents involved: 1	
should be mailed: Name: Richard L. Hughes		7. Total fce (37 CFR 3.41):	
		Enclosed Charge fee to deposit account	
SHERIDAN ROSS 1700 Lincoln Street, 35th Flo	por	Enclosed Charge fee to deposit account	
SHERIDAN ROSS	bor	Charge any additional fees associated with this paper or during the	
SHERIDAN ROSS 1700 Lincoln Street, 35th Flo	oor	Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposit	
SHERIDAN ROSS 1700 Lincoln Street, 35th Flo		Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposi account.	
SHERIDAN ROSS 1700 Lincoln Street, 35th Flo		 Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposi account. Deposit Account No.: 19-1970 	
SHERIDAN ROSS 1700 Lincoln Street, 35th Flo Denver, CO 80203 9. Statement and signature. To the best of my knowledge and belief, Richard L. Hughes	DO NOT USE	 Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposi account. Deposit Account No.: 19-1970 	
SHERIDAN ROSS 1700 Lincoln Street, 35th Flo Denver, CO 80203 9. Statement and signature. To the best of my knowledge and belief, <u>Richard L. Hughes</u> Name of Person Signing	DO NOT USE the foregoing information is true and c Minn MMM Signature	 Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to deposi account. 8. Deposit Account No.: 19-1970 THIS SPACE 	
SHERIDAN ROSS 1700 Lincoln Street, 35th Flo Denver, CO 80203 9. Statement and signature. <i>To the best of my knowledge and belief,</i> <u>Richard L. Hughes</u> Name of Person Signing Total number of pages including cover	DO NOT USE (, the foregoing information is true and of Minn Will Signature sheet, attachments and document:	 Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to depose account. Deposit Account No.: 19-1970 THIS SPACE Correct and any attached copy is a true copy of the original document. Reg. No. 31,264 Date June 11, 1999 	
SHERIDAN ROSS 1700 Lincoln Street, 35th Flo Denver, CO 80203 9. Statement and signature. To the best of my knowledge and belief, <u>Richard L. Hughes</u> Name of Person Signing	DO NOT USE (the foregoing information is true and c Signature sheet, attachments and document: to that of Part 5? ?	 Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to depose account. Deposit Account No.: 19-1970 THIS SPACE correct and any attached copy is a true copy of the original document. Reg. No. 31,264 Date June 11, 1999 	
SHERIDAN ROSS 1700 Lincoln Street, 35th Flo Denver, CO 80203 9. Statement and signature. <i>To the best of my knowledge and belief</i> , <u>Richard L. Hughes</u> Name of Person Signing Total number of pages including cover 10. <i>Change Correspondence Address</i>	DO NOT USE the foregoing information is true and of Signature sheet, attachments and document: to that of Part 5? ? Yes N Do not detained cover sheet information to:	 Charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to depose account. 8. Deposit Account No.: 19-1970 7. THIS SPACE correct and any attached copy is a true copy of the original document. Reg. No. 31,264 Date June 11, 1999 	

REEL: 010257 FRAME: 0130

ASSIGNMENT

WHEREAS, we, William F. Edwards of 1474 Carnelian Drive, Livermore, California 94550; Frederick Roland Schindler of 733 Sheraton Drive, Sunnyvale, California 94087; and Robert Gregory Twiss of 1019 Los Trancos Road, Portola Valley, California 94028, have invented a certain new and useful invention entitled CLOSELY-POSITIONED MULTIPLE GBIC CONNECTORS, for which an application for Letters Patent of the United States has been prepared for filing, said application being identified as Attorney File No. 4103-29087 and executed on even date herewith:

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Cisco Technology Inc., California corporation having a place of business at 170 West Tasman Drive, San Jose, CA 95134, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-inpart and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignce: we warrant that we have made no assignment of the invention, application or patent therefor to a party other than Cisco Technology Inc. and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we further agree to cooperate with the assignce hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Cisco Technology Inc., its successors, legal representatives and assigns, as the assignce of the entire right, title and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

Date: 6/9/99

William F. Edwards

Date: <u>6/8/99</u> Date: <u>6/8/99</u>

By: Colort Gregory Ty

:WOJH 2E:90 66-80-NAT

PATENT REEL: 010257 FRAME: 0131

1-927 P.63/04 Job-836

RECORDED: 10/12/1999