:\CFLEMING\CIS\Cis-1217\asg.record.wpd	17-1999 Docket No.: CIS-1217
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To the Honorable Commissioner of Fa	118859 .ed original documents or copy thereof.
Name of conveying party(ies)	2. Name and address of receiving party(ies)
George Swallow	Name: CISCO TECHNOLOGY, INC.
	Internal Address:
Additional name(s) of conveying party(ies) attached? [] Yes [XX] No	
3. Nature of conveyance:	Street Address: 170 West Tasman Drive
[XX] Assignment [ ] Merger	
[ ] Security Agreement [ ] Change of Name	City: San Jose State: CA ZIP: 95134-1706
Execution Date: 8/4/99	Additional name(s) & address(es) attached? [ ] Yes [XX] No
A. Patent Application No.(s)  09/315,196  Additional numb	B. Patent No.(s)  Deers attached? [ ] Yes [XX] No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: [1]
Name: Leo R. Reynolds	7. Total Fee (37 C.F.R. 3.41)\$ 40.00
Internal Address:  Hamilton, Brook, Smith & Reynolds, P.C.	<ul> <li>[XX] Enclosed</li> <li>[X] Authorized to charge any deficiencies or credit any overpayment to deposit account</li> <li>[ ] Authorized to be charged to deposit account</li> </ul>
Street Address: Two Militia Drive	8. Deposit account number:  08-0380
City: Lexington State: MA ZIP: 02421-4799	(Attach duplicate copy of this page if paying by deposit account)
DO NO	T USE THIS SPACE
9. Statement and signature.  To the best of my knowledge and belief, the foregoing informa document.	ation is true and correct and any attached copy is a true copy of the original
Leo R. Reynolds, #20,884	s Ryulde 8/9/19
Name of Person Signing	Signature Date

Total number of pages including cover sheet, attachments, and document: 00000198 09315196 08/16/1999 NTHAI1

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## **ASSIGNMENT**

WHEREAS, I, George Swallow, have invented a certain improvement in Tunnel Reroute, described in an application for Letters Patent of the United States, the specification of which:

[ ]	is being executed on even date herewith and is about to be filed in the United States Patent Office;	
[XX]	was filed on <u>May 19, 1999</u> as Application No. <u>09/315,196</u> ;	
[]	was patented under U.S. Patent Noon	

WHEREAS, CISCO TECHNOLOGY, INC. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of California and having a usual place of business at 170 West Tasman Drive, San Jose, CA 95134-1706, desires to acquire an interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made; I hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY V set forth below.	VHEREOF, I have hereunto set my hand and affixed my seal the date
Inventor's Signature:	JEOG2 Svallout
Commonwealth	J George Swallow
of <u>Massa</u>	chusetts MAIN =
	10 RV
Then personally appeared that he executed the foreg	before me the above-named <b>George Swallow</b> and acknowledged oing instrument as his free act and deed this day of, 19 <u>9 9</u>
(SEAL)	Marianne V. Kindquist Notary Public, Maine My Commission Expires December 18, 2000 My Commission expires