07-06-2000 U.S. Department of Commerce FORM PTO-1619A Patent and Trademark Office Expires 06/30/99 OMB 0651-0027 110 July -0 Fil 2: **PATENT** 101396407 **GPR/FINANCE** RECORDATION FORM COVER SHEET nen 6-8-00 PATENTS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(les) Conveyance Type Submission Type X X Assignment **Security Agreement** New Resubmission (Non-Recordation) License Change of Name Document ID# Correction of PTO Error Merger Other Reel # Frame # U.S. Government (For Use ONLY by U.S. Government Agencies) **Corrective Document** Reel # Frame # **Departmental File Secret File** Mark if additional names of conveying parties attached Execution Date

Month Day Year Conveying Party(ies) Name (line 1) Pirelli Cavi e Sistemi S.p.A. 02/15/2000 Name (line 2) an Italian corporation **Execution Date** Second Party Month Day Name (line 1) Name (line 2) Receiving Party Mark if additional names of receiving parties attached Name (line 1) Cisco Photonics Italy S.r.L. If document to be recorded is an assignment and the receiving party is not domiciled in the United Name (line 2) an Italian corporation States, an appointment of a domestic Address (line 1) | Viale Sarca 222 representative is attached. (Designation must be a separate document from Address (line 2) Assianment.) Address (line 3) 20126 Milano Italy State/Country **Domestic Representative Name and Address** Enter for the first Receiving Party only. Name Address (line 1) Address (line 2) Address (line 3) Address (line 4) FOR OFFICE USE ONLY

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Mail documents to be recorded with required cover sheet(s) information to:

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Correspondent Name and Address Area Code and Telephone Number (650) 926-7241					
Name	Anne VanBuskirk				
Address (line 1)	Weil, Gotshal & Manges 1	LLP			
Address (line 2)	2882 Sand Hill Rd. Ste.	280			
Address (line 3)	Menlo Park, CA 94025-702	22			
Address (line 4)	anne.vanbuskirk@weil.com	n			
Pages	Enter the total number of pagincluding any attachments.	ges of the attached conveyance doc	ument # 11		
Application Number(s) Mark if additional numbers attached					
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08619789	09134551 0926	1630			
09125649	09161424 6012	7949			
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If this document is being filed together with a <u>new</u> Patent Application, enter the date the patent application was <u>Month Day Year</u> signed by the first named executing inventor.					
Patent Coop	peration Treaty (PCT)				
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Number of Properties Enter the total number of properties involved. # 13					
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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. Charges to deposit account are authorized, as indicated herein.					
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RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

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60142534					
09497694					
09473050					

PATENT

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PATENT APPLICATION(S) ASSIGNMENT

This PATENT ASSIGNMENT (the "Assignment") is executed as of the date below by Pirelli Cavi e Sistemi S.p.A. ("Pirelli"), an Italian corporation.

WHEREAS, Pirelli and Cisco Photonics Italy S.r.L., an Italian corporation ("Cisco") have entered into a Patent Assignment Agreement dated February 15, 2000 pursuant to which Pirelli has agreed to, among other things, assign certain patent rights to Cisco.

NOW, THEREFORE, for good and valuable consideration, Pirelli agrees as follows:

ARTICLE I

PIRELLI PATENTS

"Pirelli Patents" shall mean the filed U.S. patent applications listed on Schedule 1, as well as any reexaminations and reissues thereof and any divisionals, continuations and continuation-in-parts thereof and any other applications or patents that claim priority from such applications, including, without limitation, any foreign applications or patents corresponding thereto.

ARTICLE II

ASSIGNMENT

Pirelli assigns, transfers and conveys to Cisco all of Pirelli's rights, title and interest throughout the world in and to the Pirelli Patents, including the right to sue and recover for past damages.

IN WITNESS WHEREOF, Pirelli has caused this Assignment of Pirelli Patents to be executed.

PIRELLI CAVI E SISTEMI S.p.A.

By: PROXY HOLDER

Title: Date: Title: Total

SCHEDULE 1 TO THE PATENT APPLICATION(S) ASSIGNMENT

United States Patent Applications With Serial Numbers

Filing Date	Serial No.
3/20/1996	08/619,789
2/21/1997	09/125,649
8/10/1998	09/132,014
8/14/1998	09/134,551
9/24/1998	09/161,424
12/30/1998	09/223,003
3/3/1999	09/261,630
4/5/1999	60/127,949
5/20/1999	09/315,265
5/28/1999	09/321,850
7/7/1999	60/142,534
2/3/2000	09/497,694
12/28/1999	09/473,050

W

Appointment of a domestic representative for Cisco Photonics Italy, S.r.L.:

Robert Barr Cisco Systems, Inc. 170 W. Tasman, M/S SJ-10/2/1 San Jose, CA 95134-1706 (408) 525-9706 rbarr@cisco.com

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RECORDED: 06/08/2000