1-31-92	U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 05788.0183 Attorney Customer Number: 22,852 ATTN. BOX ASSIGNMENTS Name: PIRELLI CAVI E SISTEMI S.p.A.
Additional name of conveying party attached? ☐ Yes ☒ No	Internal Address: Viale Sarca, 222
3. Nature of conveyance:	l-20126 Milano, Italy Street Address:
Assignment Merger	City:
Security Change of Name Agreement	State: Zip Code:
Other:	Additional name & Address attached?
Execution Date: December 18, 2001	☐ Yes
Application number or patent number: If this document application:	t is being filed together with a new application, the execution date of the
A. Patent Application Number:	B. Patent Number:
09/937,653	
Additional numbers attac	hed? ☐ Yes ⊠ No
 Name and address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications and registrations involved: 1
Name: Mr. Ernest F. Chapman	7. Total fee (37 CFR 3.41): \$40
	Enclosed (Please charge deficiency to deposit account)
	Authorized to be charged to deposit account
Internal Address: FINNEGAN, HENDERSON, FARABOW, G & DUNNER, L.L.P.	
Street Address: 1300 I Street, N.W.	
City: Washington, D.C.	
State: Zip: 20005-3315	8. Deposit Account No.: <u>06-0916</u>
9. Statement and signature.	
To the best of my knowledge and belief, the foregoing informati document.	on is true and correct and any attached copy is a true copy of the original
Ernest F. Chapman	JAN 1 8 2002
Registration No. 25,961	Signature Date
of pages including coverages including coverages including coverages	er sheet, attachments and documents: 3
C:581 40.00 OP	

PATENT REEL: 012487 FRAME: 0990

Attorney Docket No.:05788.0183

Customer No.: 22,852

JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

OPTICAL CABLE FOR TELECOMMUNICATIONS

or filed an application for United States Letters

for which we executed an application for United States Letters Patent concurrently

herewith or on

Patent on September 28, 2001 (Application No. 09/9	937,653); and
WHEREAS, PIRELLI CAVI E SISTEMI S.p.A., a office address is Viale Sarca 222. I-20126 Milano. Italy	•

office address is Viale Sarca 222, I-20126 Milano, Italy (hereinafter referred to as assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 09/937,653, filed September 28, 2001) the filing date and application number of said application when known.

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

PATENT REEL: 012487 FRAME: 0991

Attorney Docket No.:05788.0183

Customer No.: 22,852

IN TESTIMONY WHEREOF, we have hereunto set our hands.

First Assignor

Giovanni BRANDI Piazza Aspromonte, 24 20131 Milano, Italy

Citizenship:

Italy

Signature:

Date:

December 18, 2001

Second Assignor

Enrico CONSONNI

Via Luini, 66

20038 Seregno, Italy

Citizenship:

Italy

Signature:

Date:

December 18, 2001

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

PATENT

RECORDED: 01/18/2002 REEL: 012487 FRAME: 0992