

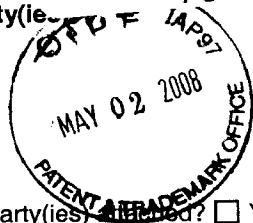
05-07-2008



To the Director of the U.S. Patents and Trademark Office

attached original documents or copy thereof.

103501116



1. **Name of conveying party(ies):**  
1) Roberto ALDEGHI  
2) Pierluigi FRANCO  
3) Giorgio GRASSO  
4) Marco ROMAGNOLI  
5) Francesco TASSONE  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. **Name and address of receiving party(ies):**  
Name: PIRELLI & C. S.p.A.

Internal Address:

3. **Nature of conveyance/Execution Date(s):**  
Execution Dates 1) October 22, 2007 2) July 20, 2007  
3) July 20, 2007 4) July 20, 2007 5) July 20, 2007  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other

Street Address: Via Gaetano Negri, 10, I-20123 Milano, Italy

City:

State: Zip Code:

Additional name(s) & Address(es) attached?  
 Yes  No

4. **Application number(s) or patent number(s):**  
A. Patent Application Number(s):  
11/791,611  
Additional numbers attached?  Yes  No

This document is being filed together with a new application.  
B. Patent Number(s):  
 Yes  No

5. **Name and address of to whom correspondence concerning document should be mailed:**  
Name: Mr. Ernest F. Chapman

6. **Total number of applications and registrations involved:**  
1

7. **Total fee (37 CFR 3.41): \$40**  
 Authorized to be charged by credit card  
 Authorized to be charged to deposit account  
 Enclosed (Please charge deficiency to deposit account)  
 None required (government interest not affecting title)

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.  
Street Address: 901 New York Avenue, NW  
City: Washington, D.C.  
State: Zip: 20001-4413

8. **Payment Information**  
a. Credit Card Last 4 Numbers \_\_\_\_\_ Expiration Date \_\_\_\_\_  
b. Deposit Account No.: 06-0916  
Authorized User Name \_\_\_\_\_ 48.00 09

8. **Statement and signature.**  
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.  
Ernest F. Chapman  
Reg. No. 25,961  
Signature: *Arthur S. Garrett*  
Date: May 2, 2008  
ARTHUR S. GARRETT  
REG. NO. 20,338

Total number of pages including cover sheet, attachments and documents: 4

JOINT INVENTION  
(U.S. Rights Only)

**ASSIGNMENT**

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

**POINT-TO-POINT OPTICAL FIBRE LINK**

for which we executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on May 25, 2007 (Application No. \_\_\_\_\_); and

WHEREAS, PIRELLI & C. S.p.A., a corporation of Italy, whose post office address is Via Gaetano Negri, 10, I-20123 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 and/or the rendering of such aid 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. 11/791,611 \_\_\_\_\_, filed May 25, 2007) the filing date and application number of said application when known.

**PATENT**

**REEL: 020923 FRAME: 0273**

IN TESTIMONY WHEREOF, we have hereunto set our hands.

**First Assignor**

Roberto ALDEGHI  
c/o Pirelli Labs S.p.A.,  
Viale Sarca, 222,  
I-20126 Milano, Italy

Citizenship: Italy

Signature: Roberto Aldeghi

Date: October 22, 2007

**Second Assignor**

Pierluigi FRANCO  
c/o Pirelli Cavi e Sistemi Telecom S.p.A.,  
Viale Sarca 222,  
I-20126 Milano, Italy

Citizenship: Italy

Signature: Pierluigi Franco

Date: July 20, 2007

**Third Assignor**

Giorgio GRASSO  
c/o Pirelli Labs S.p.A.,  
Viale Sarca, 222,  
I-20126 Milano, Italy

Citizenship: Italy

Signature: Giorgio Grasso

Date: July 20, 2007

**Fourth Assignor**

Marco ROMAGNOLI  
c/o Pirelli Labs S.p.A.,  
Viale Sarca, 222,  
I-20126 Milano, Italy

Citizenship: Italy

Signature: Marco Romagnoli

Date: July 20, 2007

**Fifth Assignor**

Francesco TASSONE  
c/o Pirelli Labs S.p.A.,  
Viale Sarca, 222,  
I-20126 Milano, Italy

Citizenship: Italy

Signature: Francesco Tassone

Date: July 20, 2007