

04-27-2007



U.S. Department of Commerce  
Patent and Trademark Office  
Attorney Docket No. 05788.0390  
Attorney Customer Number: 22,852

To the Director of the U.S. Patents and

103399833

and original documents or copy thereof.

1. Name of conveying party(ies):

- 1) Susanna Maria CATTELLAN
- 2) Andrea ROMANO
- 3) Marco DE DONNO
- 4) Aurelio PIANCIOLA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: 1) PIRELLI & C. S.p.A.  
2) TELECOM ITALIA S.p.A.

Internal Address:

Street Address: 1) Via Gaetano Negri, 10, I-20123, Milano, Italy  
2) Piazza degli Affari, 2, I-20123 Milano, Italy

City:

State:

Zip Code:

Additional name(s) & Address(es) attached?

☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date: May 10, 2006

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other

4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application Number(s): 10/573,895

B. Patent Number(s):

Additional numbers attached?

☐ Yes ☒ No

5. Name and address of to whom correspondence concerning document should be mailed:

Name: Mr. Ernest F. Chapman

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

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)

8. Payment Information

a. Credit Card Last 4 Numbers 10573895  
Expiration Date 06-09-18

b. Deposit Account No.: 06-0918

Authorized User Name

9. 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

April 24, 2007

Date

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

**ASSIGNMENT**

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

**WAVELENGTH CONTROL OF AN EXTERNAL-CAVITY TUNEABLE LASER**

for which we executed an application for United States Letters Patent concurrently herewith or on \_\_\_\_\_ or filed an application for United States Letters Patent on March 29, 2006 (Application No. 10/573,895); and

WHEREAS, **PIRELLI & C. S.p.A.**, a corporation of Italy, whose post office address is *Via Gaetano Negri, 10, I-20123, Milano, Italy*, and **TELECOM ITALIA S.p.A.**, a corporation of Italy, whose post office address is *Piazza degli Affari, 2, I-20123 Milano, Italy*, (hereinafter referred to as assignees), are each desirous of securing 50% (fifty percent) 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 assignees are hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignees, their 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 assignees, their 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 assignees, their 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 assignees, their successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignees, their 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 assignees, their 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. 10/573,895, filed March 29, 2006) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

**First Assignor**

**Susanna Maria CATTELAN**

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

Citizenship: Italy

Signature: x 

Date: 10/05/06

**Second Assignor**

**Andrea ROMANO**

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

Citizenship: Italy

Signature: x 

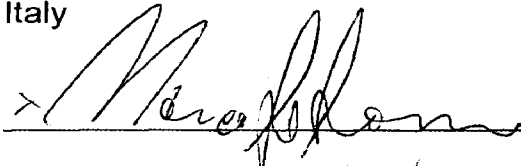
Date: 10/05/2006

**Third Assignor**

**Marco DE DONNO**

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

Citizenship: Italy

Signature: x 

Date: 10/05/06

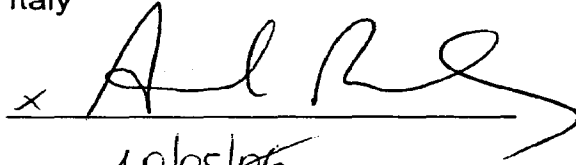
**Fourth Assignor**

**Aurelio PIANCIOLA**

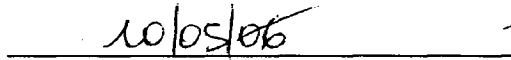
*c/o Pirelli Labs S.p.A., Viale Sarca, 222, I-20126 Milano, Italy*

Citizenship: Italy

Signature: x

A handwritten signature in black ink, appearing to read 'Aurelio PIANCIOLA', written over a horizontal line.

Date: 10/05/06

A handwritten date '10/05/06' in black ink, written over a horizontal line.