

03-04-1999

Department of Commerce
and Trademark Office
Docket No. 05788.0050

100976245

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents ☒ a copy thereof.

1. Name of conveying party(ies):

(1) Richard Ian LAMING (3) Wei-Hung LOH
(2) Sergio BARCELOS (4) Michael Nikolaos ZERVASAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name☐ OtherExecution Date: (1) August 12, 1998, (2) September 1, 1998,
(3) September 22, 1998 and (4) September 10, 1998

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

Name: PIRELLI CAVI E SISTEMI S.p.A.

Internal Address:

Street Address: Viale Sarca, 222, I-20126 Milano, Italy

City:

State:

Zip Code:

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

☐ Yes ☒ No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application:

A. Patent Application Number(s):

09/101,732

B. Patent Number(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: Mr. Ernest F. Chapman

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT
& DUNNER, L.L.P.6. Total number of applications and registrations involved:
17. Total fee (37 CFR 3.41): \$40
☒Enclosed (Please charge deficiency to deposit account)
☐

Authorized to be charged to deposit account

Street Address: 1300 I Street, N.W.

City: Washington

State: DC Zip: 20005-3315

8. Deposit account number: 06-0916

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

Signature

March 1, 1999

Date

Total number of pages including cover sheet, attachments and documents: 7

JOINT INVENTION
(U.S. Rights Only)

ASSIGNMENT

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

OPTICAL DEVICE

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 July 16, 1998 (Serial No. _____); and

WHEREAS, PIRELLI CAVI E SISTEMI S.p.A., a corporation of Italy whose post 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.

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

PATENT
REEL: 9788 FRAME: 0960

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. 09/101,732, filed July 16, 1998) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

First Assignor

Richard Ian LAMING
4 Pegasus Close, Hamble
Southampton
Hampshire SO3 5QZ
United Kingdom

Citizenship: United Kingdom

Signature: _____

Richard I Laming

Date: *12 Aug 98*

Second Assignor

Sergio BARCELOS
Rua Itu 220, Apt. 122
13025-340 Campinas, SP
Brazil

Citizenship: Brazil

Signature: _____

Date: _____

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

PATENT
REEL: 9788 FRAME: 0961

Third Assignor

Wei-Hung LOH
12 Oakdene Court
Welbeck Avenue
Southampton
Hampshire SO17 1UT
United Kingdom

Citizenship: Singapore

Signature: _____

Date: _____

Fourth Assignor

Michael Nickolaos ZERVAS
3 Clifford Dibben Mews
Southampton
Hampshire SO14 OTP
United Kingdom

Citizenship: Greece

Signature: _____

Date: _____

JOINT INVENTION
(U.S. Rights Only)

ASSIGNMENT

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

OPTICAL DEVICE

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 July 16, 1998 (Serial No. _____); and

WHEREAS, PIRELLI CAVI E SISTEMI S.p.A., a corporation of Italy whose post 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.

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

PATENT
REEL: 9788 FRAME: 0963

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. 09/101,732, filed July 16, 1998) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

First Assignor

Richard Ian LAMING
4 Pegasus Close, Hamble
Southampton
Hampshire SO3 5QZ
United Kingdom

Citizenship: United Kingdom


Signature: _____

Date: _____

Second Assignor

Sergio BARCELOS
Rua Itu 220, Apt. 122
13025-340 Campinas, SP
Brazil

Citizenship: Brazil

Signature:  _____

Date:  _____

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

Third Assignor

Wei-Hung LOH
12 Oakdene Court
Welbeck Avenue
Southampton
Hampshire SO17 1UT
United Kingdom

Citizenship: Singapore

Signature: _____

Date: _____

Fourth Assignor

Michael Nickolaos ZERVAS
3 Clifford Dibben Mews
Southampton
Hampshire SO14 OTP
United Kingdom

Citizenship: Greece

Signature: _____

Date: _____

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