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FORM PTO-1504
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01-06-2000

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U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 06788.0103

To the Honorable Commissioner of Patents and
Please record the attached original documents or copy thereof.

ATTN. BOX ASSIGNMENTS

<p>1. Name of conveying parties:</p> <p>1) Stefano DONATI 2) Salvatore MORASCA 3) Steffen SCHMID</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other</p> <p>Execution Date: November 19, 1999</p> <p>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: _____</p> <p>A. Patent Application Number: 09/406,922 B. Patent Number : _____</p> <p style="text-align: center;">Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party:</p> <p>Name: <u>Pirelli Cavi E Sistemi S.p.A.</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>Viale Sarca, 222</u> <u>20126 Milano, Italy</u></p> <p>City: _____</p> <p>State: _____ Zip Code: _____</p> <p>Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Mr. Ernest F. Chapman</u></p> <p>Internal Address: <u>FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.</u></p> <p>Street Address: <u>1300 I Street, N.W.</u></p> <p>City: <u>Washington</u></p> <p>State: <u>DC</u> Zip: <u>20005-3315</u></p>	<p>6. Total number of applications and registrations involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): \$40 <input checked="" type="checkbox"/></p> <p>Enclosed (Please charge deficiency to deposit account) <input type="checkbox"/></p> <p>Authorized to be charged to deposit account _____</p> <p>8. Deposit account number: <u>06-0916</u></p>

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

01/06/2000 INVENTOR - 00000000-00000000

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Signature

December 21, 1999

Date

Total number of pages including cover sheet, attachments and documents: 2

PATENT
REEL: 010466 FRAME: 0757

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

DOUBLE-PASSAGE ACOUSTO-OPTICAL DEVICE AND LASER

for which I/WE executed an application for United States Letters Patent concurrently herewith or on _____ or filed an application for United States Letters Patent on September 28, 1999, (Serial No. 09/406,922); and

WHEREAS, PIRELLI CAVI E SISTEMI S.p.A., a corporation of Italy, whose post office address is Viale Sarca, 222 - 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, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/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 I/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, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/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, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 09/406,922 filed September 28, 1999) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s).

1. Full Name of Sole or First Assignor : Assignor's Signature	: Date
<u>Stefano DONATI</u>	: <u>19 November, 1999</u>
Address <u>Via Locarno, 108</u>	: Citizen of
<u>21010 VERGHERA (VA), Italy</u>	: ITALY
2. Full Name of Second Assignor : Assignor's Signature	: Date
<u>Salvatore MORASCA</u>	: <u>19 November, 1999</u>
Address <u>Via Milano 162</u>	: Citizen of
<u>22100 COMO, Italy</u>	: ITALY
3. Full Name of Third Assignor : Assignor's Signature	: Date
<u>Steffen SCHMID</u>	: <u>19 November, 1999</u>
Address <u>Via Carlo Porta, 19/4</u>	: Citizen of
<u>20052 MONZA (MI), Italy</u>	: GERMANY

FINNEGAN, HENDERSON, FARABO, GARRETT & DUNN, L.L.P. • WASHINGTON, D.C.

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RECORDED: 12/21/1999

REEL: 010466 FRAME: 0758