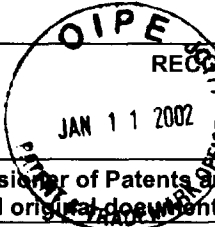


01-11-2



01-16-2002



To the Honorable Commissioner of Patents & Trademarks
Please record the attached original documents.

101948828

BOX ASSIGNMENTS

1. Name of conveying party(ies): 1. Pierluigi LADIE' 2. Paola CARACINO 3. Marco NASSI	2. Name and address of receiving party(ies): Name: PIRELLI CAVI E SISTEMI S.p.A.
--	--

Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Internal Address:
--	-------------------

3. Nature of conveyance:	Street Address: Viale Sarca, 222 20126 Milano, Italy
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<input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger	City:
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<input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name	State:	Zip Code:
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<input type="checkbox"/> Other:	Additional name(s) & Address(es) attached?
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Execution Date: 1. and 3. October 23, 2001; 2. October 31, 2001	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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): 09/970,653	B. Patent Number(s):
Additional numbers attached?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

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

Name: Mr. Ernest F. Chapman	6. Total number of applications and registrations involved: 1
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.	7. Total fee (37 CFR 3.41): \$40
Street Address: 1300 I Street, N.W.	<input checked="" type="checkbox"/> Enclosed (Please charge deficiency to deposit account)
City: Washington, D.C.	<input type="checkbox"/> Authorized to be charged to deposit account
State: Zip: 20005-3315	8. Deposit Account No.: 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
Reg. No. 25,961

January 11, 2002

Signature

Date

Total number of pages including cover sheet, attachments and documents: 3

JOINT INVENTION
(U.S. Rights Only)

ASSIGNMENT

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

SUPERCONDUCTING CABLE

for which we executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent on October 5, 2001, (Application No. 09/970,653); 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, 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.

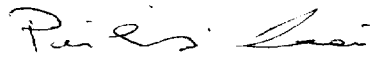
AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 09/970,653 , filed October 5, 2001) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

First Assignor

Pierluigi LADIE'
Corso di Porta Ticinese, 69
20123 Milano, Italy

Citizenship: Italy

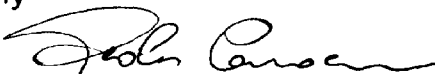
Signature: 

Date: 23.10.01

Second Assignor

Paola CARACINO
Via Ettore Bugatti, 7
20144 Milano, Italy

Citizenship: Italy

Signature: 

Date: 31.10.01

Third Assignor

Marco NASSI
Via Cibrario, 36bis
10144 Torino, Italy

Citizenship: Italy

Signature: 

Date: 23.10.01