To the I	DRM PTO-1595 1-31-92 Honorable Commissioner of			U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 05788.0165 Attorney Customer Number: 22,852 TN. BOX ASSIGNMENTS	
Please 1.	Name of conveying partylics	/ 1010//	96	Name and address of associate a set (i.e.).	
1.	Name of conveying party(ies 1. Marco NASSI 2. Pierluigi LADIE'	007 1 1 2001	Z. Name:	Name and address of receiving party(ies): PIRELLI CAVI E SISTEMI S.P.A.	
Addition	al name(s) of conveying party	(ies atachodi Yes ⊠ No	Internal	Address:	
3.	Nature of conveyance	11')	C4===4 A	Vista Comp. 200 20400 Miles 11	
	Nature of conveyance		Street	Address: Viale Sarca 222, I-20126 Milano, Italy	
	Assignment	Merger	City:		
	Security Agreement	Change of Name	State:	Zip Code:	
	Other:		Addition	nal name(s) & Address(es) attached?	
Execution	on Date: July 3, 2001		<u> </u>	☐ Yes	
4.	Application number(s) or pat the application:	ent number(s): If this document is	being filed	together with a new application, the execution date of	
Α.	Patent Application Number(s	s):	В.	Patent Number(s):	
	09/886,043				
	•				
		Additional numbers attached?	☐ Yes	⊠ No	
5.	Name and address of party to concerning document should		6.	Total number of applications and registrations involved:	
Name:	Mr. Ernest F. Chapman		7.	Total fee (37 CFR 3.41): \$40	
	·				
				account)	
Internal	Address: FINNEGAN, HEN & DUNNER, L.L.	IDERSON, FARABOW, GARRETT		Authorized to be charged to deposit account	
Street A	Address: 1300 I Street, N.\		-		
City:	Washington, D.C.		-		
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	(///	1//	October 11, 2001	
	Reg. No. 25,961	ant f	noture	Date	
			nature		
Total number of pages including cover sheet, attachments and documents: 3					

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> PATENT REEL: 012245 FRAME: 0964

Attorney Docket No.:

JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled: "Electrical power transmission system using superconductors"

for which we executed an application for United herewith or on or filed an	d States Letters Patent concurrently application for United States Letters
Patent on June 22, 2001 (Application No.	
Application No.	
WHEREAS, PIRELLI CAVI E SISTEMI S	a corporation
of ITALY , whose post office address is v	<u> Viale Sarca 222, I-20126 MILANO, Ital</u>
(hereinafter referred	d 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 application;	Letters Patent to be issued upon this

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.

Attorney Docket No.:

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. <u>09/886,043</u>, filed <u>June 22, 2001</u>) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

Full Name of First Assignor: NASSI Marco					
Address: Via	Cibrario, 36bis, I-10100 TORINO, Italy				
Citizenship:	Italian				
Signature:	Marco NASSI				
Date:					
Address: cor	f Second Assignor: LADIE' Pierluigi so di Porta Ticinese, 69, I-20123 MILANO, Italy Italy Pierluigi LADIE' July 3, 2001				
Full Name of Third Assignor:					
Address:					
Citizenship:					
Signature:					

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

PATENT REEL: 012245 FRAME: 0966

RECORDED: 10/11/2001

Date: