Docket No.: 100086-048US U.S. DEPARTMENT OF COMMERCE RECORDATION FORM COVER SHEET Patent and Trademark Office FORM PTO-1585 (Motified) (Rev. 03-01) OMB No. 0851-0027 (exp.5/31/2002) POBA/REV03 PATENTS ONLY ▼ To the Director of the United States Patent and Trademark Office: Please record the attached original documents or copy thereof. Tab settings → → → ▼ 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Frank L. Kuchta, Stephen H. Foulger, Jason Carden, Name: Pirelli Cavi e Sistemi S.p.A. Chengjun Liu, Andrew Maunder, Alberto Bareggi, Luca Balconi and Cristiana Scelza Address: Viale Sarca 222 ☐ Yes ☐ No Additional names(s) of conveying party(les) Nature of conveyance: □ Merger Assignment City: Milan _____ State/Prov.: ☐ Change of Name ☐ Security Agreement _ZIP: 20126 Country: Italy_ ☐ Other __ Execution Date: 2/24/03;3/7/03;2/28/03;2/24/03;2/28/03; 7/22/03;7/22/03;7/22/03 respective ⊠ No Yes Additional name(s) & address(es) Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: B, Patent No.(s) Filing date Patent Application No. 12/11/02 PCT/US02/39416 6/3/05 10/537,707 ☐ Yes 🗵 No Additional numbers 6. Total number of applications and patents involved: Name and address of party to whom correspondence concerning document should be mailed: Name: Davy E. Zoneraich 7. Total fee (37 CFR 3.41):....\$ 80.00 ☐ Enclosed - Any excess or insufficiency should be Registration No. 37,267 credited or debited to deposit account Address: P.O. Box 1018 Authorized to be charged to deposit account 8. Deposit account number: 14-1263 City: Somerville State/Prov.: NJ (Attach duplicate copy of this page if paying by deposit account) ZIP: 08876 Country: USA DO NOT USE THIS SPACE 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. August 9, 2005 Davy E. Zoneraich Date

Total number of pages including cover sheet, attachments, and document

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Name of Person Signing

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ASSIGNMENT

International Patent Application No.: PCT/US02/39416

International Filing Date: December 11, 2002

Attorney Docket No.: 100087-020

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign to Pirelli Cavi e Sistemi S.p.A., a corporation having its principal place of business at Viale Sarca 222, 20126 Milan, Italy, its successors, legal representatives and assigns, the entire right, title and interest in my invention or discovery in "ELECTRICAL CABLE WITH FOAMED SEMICONDUCTIVE INSULATION SHIELD" and in the international patent application for same as executed by the undersigned Frank L. Kuchta on January 13, 2003 and Chengjun Liu on January 13, 2003 and filed in the United States Receiving Office on the date set forth above, and in any National Phase filings and any reissue, extension, division or continuation of any Letters Patent that may be granted upon said application or applications.

I hereby authorize and request that any Letters Patent which may be granted upon said application or applications be issued to said Pirelli Cavi e Sistemi S.p.A. (the "Assignee").

For said consideration, I hereby agree upon the request of said Assignee, its successors, legal representatives and assigns, to execute any and all divisional and continuation applications for said invention or discovery, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application that said Assignee, its successors, legal representatives or assigns may deem necessary or expedient, and for the said consideration I further agree upon the request of said Assignee, its successors, legal representatives or assigns, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in interference, to cooperate to the best of my ability with said Assignee, its successors, legal representatives or assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and I hereby agree to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in said Assignee, its successors, legal representatives and assigns as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made. For said consideration I hereby also assign to said Pirelli Cavi e Sistemi S.p.A., its successors, legal representatives and assigns, the entire right, title and interest in said invention or discovery for any and all National phase filings, including all priority rights under convention, agreement or treaty, and agree upon the request of said Pirellí Cavi e Sistemi S.p.A., its successors, legal representatives and assigns, to execute any and all documents that shall be required of me to be executed in connection with any and all National phase filings therefor, including the prosecution thereof, and any proceedings thereon, and to execute any and all documents necessary to vest title in said National phase filings and patents in said Assignee.

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WITNESS my hand this AY day of Advany, 2003	Frank L. Kuchta
STATE OF SOUTH CAROLINA) (SS: COUNTY OF Livington Subscribed and sworn to before me 1 Debruing, 2003.	by, personally known to me, this 24 day of Carlo M. Datrone Notary Public. MY COMMISSION EXPIRES 420-2008

WITNESS my hand

this 24 Tday of Gebruay, 2003

STATE OF SOUTH CAROLINA)
SS:
COUNTY OF Lunger
)

Subscribed and sworn to before me by, personally known to me, this 24 day of Julius , 2003.

MY CONDESSION EXPIRES 4-20-2008

<u>ASSIGNMENT</u>

International Patent Application No.: PCT/US02/39416

International Filing Date: December 11, 2002

Attorney Docket No.: 100087-020

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign to Pirelli Cavi e Sistemi S.p.A., a corporation having its principal place of business at Viale Sarca 222, 20126 Milan, Italy, its successors, legal representatives and assigns, the entire right, title and interest in my invention or discovery in "ELECTRICAL CABLE WITH FOAMED SEMICONDUCTIVE INSULATION SHIELD" and in the international patent application for same as executed by the undersigned Stephen H. Foulger on January 22, 2003 and filed in the United States Receiving Office on the date set forth above, and in any National Phase filings and any reissue, extension, division or continuation of any Letters Patent that may be granted upon said application or applications.

I hereby authorize and request that any Letters Patent which may be granted upon said application or applications be issued to said Pirelli Cavi e Sistemi S.p.A. (the "Assignee").

For said consideration, I hereby agree upon the request of said Assignee, its successors, legal representatives and assigns, to execute any and all divisional and continuation applications for said invention or discovery, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application that said Assignee, its successors, legal representatives or assigns may deem necessary or expedient, and for the said consideration I further agree upon the request of said Assignee, its successors, legal representatives or assigns, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in interference, to cooperate to the best of my ability with said Assignee, its successors, legal representatives or assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and I hereby agree to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in said Assignee, its successors, legal representatives and assigns as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made. For said consideration I hereby also assign to said Pirelli Cavi e Sistemi S.p.A., its successors, legal representatives and assigns, the entire right, title and interest in said invention or discovery for any and all National phase filings, including all priority rights under convention, agreement or treaty, and agree upon the request of said Pirelli Cavi e Sistemi S.p.A., its successors, legal representatives and assigns, to execute any and all documents that shall be required of me to be executed in connection with any and all National phase filings therefor, including the prosecution thereof, and any proceedings thereon, and to execute any and all documents necessary to vest title in said National phase filings and patents in said Assignee.

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PAGE 05

WITNESS my hand

this March, 2003

STATE OF SOUTH CAROLINA)
SS:
COUNTY OF Lexington)

Subscribed and sworn to before me by, personally known to me, this day of day of 2003.

MY COMMISSION EXPIRES 4-20-2008

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<u>ASSIGNMENT</u>

International Patent Application No.: PCT/US02/39416

International Filing Date: December 11, 2002

Attorney Docket No.: 100087-020

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, I hereby assign to Pirelli Cavi e Sistemi S.p.A., a corporation having its principal place of business at Viale Sarca 222, 20126 Milan, Italy, its successors, legal representatives and assigns, the entire right, title and interest in my invention or discovery in "ELECTRICAL CABLE WITH FOAMED SEMICONDUCTIVE INSULATION SHIELD" and in the international patent application for same as executed by the undersigned Jason Carden on January 16, 2003 and Andrew Maunder on January 15, 2003 and filed in the United States Receiving Office on the date set forth above, and in any National Phase filings and any reissue, extension, division or continuation of any Letters Patent that may be granted upon said application or applications.

I hereby authorize and request that any Letters Patent which may be granted upon said application or applications be issued to said Pirelli Cavi e Sistemi S.p.A. (the "Assignee").

For said consideration, I hereby agree upon the request of said Assignee, its successors, legal representatives and assigns, to execute any and all divisional and continuation applications for said invention or discovery, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application that said Assignee, its successors, legal representatives or assigns may deem necessary or expedient, and for the said consideration I further agree upon the request of said Assignee, its successors, legal representatives or assigns, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in interference, to cooperate to the best of my ability with said Assignee, its successors, legal representatives or assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and I hereby agree to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in said Assignee, its successors, legal representatives and assigns as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made. For said consideration I hereby also assign to said Pirelli Cavi e Sistemi S.p.A., its successors, legal representatives and assigns, the entire right, title and interest in said invention or discovery for any and all National phase filings, including all priority rights under convention, agreement or treaty, and agree upon the request of said Pirelli Cavi e Sistemi S.p.A., its successors, legal representatives and assigns, to execute any and all documents that shall be required of me to be executed in connection with any and all National phase filings therefor, including the prosecution thereof, and any proceedings thereon, and to execute any and all documents necessary to vest title in said National phase filings and patents in said Assignee.

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WITNESS my hand this <u>28th</u> day of <u>Februar</u> 2003 Jason Carden

STATE OF SOUTH CAROLINA)

COUNTY OF abbenille)

Subscribed and sworn to before me by, personally known to me, this 28th day of Filmany, 2003.

Seri D. Stone

Notary Public

Commission experies 7/18/2012

WITNESS my hand

this day of February, 2003

Andrew Maunder

STATE OF SOUTH CAROLINA)

COUNTY OF albenelle)

Subscribed and sworn to before me by, personally known to me, this 28 day of 1 luruary, 2003.

Notary Public

Commission 7/18/2012

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PCLOS

ASSIGNMENT

International Patent Application No.: PCT/US02/39416

International Filing Date: December 11, 2002

Attorney Docket No.: 100087-020

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged. I hereby assign to Pirelli S.p.A.. a corporation having its principal place of business at Viale Sarca 222, 20126 Milan, Italy, its successors, legal representatives and assigns, the entire right, title and interest in my invention or discovery in "ELECTRICAL CABLE WITH FOAMED SEMICONDUCTIVE INSULATION SHIELD" and in the international patent application for same as executed by the undersigned Alberto Bareggi on January 20, 2003, Luca Balconi on January 20, 2003 and Cristiana Scelza on January 20, 2003 and filed in the United States Receiving Office on the date set forth above, and in any National Phase filings and any reissue, extension, division or continuation of any Letters Patent that may be granted upon said application or applications.

I hereby authorize and request that any Letters Patent which may be granted upon said application or applications be issued to said Pirelli S.p.A. (the "Assignee").

For said consideration. I hereby agree upon the request of said Assignee, its successors, legal representatives and assigns, to execute any and all divisional and continuation applications for said invention or discovery, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application that said Assignee, its successors, legal representatives or assigns may deem necessary or expedient, and for the said consideration I further agree upon the request of said Assignee, its successors, legal representatives or assigns, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in interference, to cooperate to the best of my ability with said Assignee, its successors, legal representatives or assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, and I hereby agree to perform, upon such request, any and all affirmative acts to obtain said Letters Patent and vest all rights therein hereby conveyed in said Assignce, its successors, legal representatives and assigns as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made. For said consideration I hereby also assign to said Pirelli S.p.A., its successors, legal representatives and assigns, the entire right, title and interest in said invention or discovery for any and all National phase filings, including all priority rights under convention, agreement or treaty, and agree upon the request of said Pirelli S.p.A., its successors, legal representatives and assigns, to execute any and all documents that shall be required of me to be executed in connection with any and all National phase filings therefor, including the prosecution thereof, and any proceedings thereon, and to execute any and all documents necessary to vest title in said National phase filings and patents in said Assignee.

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IN TESTIMONY WHEREOF, I have hereunto set my hand

Assignors:

Alberto BAREGGI

Via Aselli, 35 20133 MILANO

Italy

Citizenship:

Signature:

Date:

Luca BALCONI

Via Mattei, 8 20091 BRESSO (MI)

Italy

Citizenship: Italy

Signature:

Date:

22 July, 2003

Cristiana SCELZA

Via S. Salvatore, 6 84044 ANGELLARA DI VALLO DELLA LUCANIA (SA)

Italy

Italy Citizenship:

Signature:

Date:

22 July, 2003

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NORRIS, MCLAUGHLIN & MARCUS A PROFESSIONAL CORPORATION

721 Route 202-206 P.O. Box 1018 Somerville, NJ 08876-1018 (908) 722-0700 Facsimile: (908) 722-0755

FACSIMILE COVER SHEET

August 9, 2005

PAGE 01

Assignment Division TO:

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PHONE NUMBER:

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COMPANY/FIRM:

USPTO

FROM:

Davy E. Zoneraich, Esq.

Client/Matter Name:

Client/Matter Number:

100086-048US

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We are transmitting 10 pages, including cover page(s). If the transmission is not complete, please call (908) 722-0700 extension 254 and ask for Lori Goldman.

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