FORM PTO-1595 ET U.S. Department of Commerce 09-05-2002 **Patent and Trademark Office** 1-31-92 Attorney Docket No. 08719.0213 Attorney Customer Number: 22,852 To the Honorable Commissioner ATTN. BOX ASSIGNMENTS 102211993 Please record the attached origin 2. 1. Name of conveying party(ies): Name and address of receiving party(ies): 1) Jürgen KUSS 2) Burkhard HERPICH Name: PIRELLI KABEL & SYSTEME GMBH & CO. KG Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No Internal Address: Street Address: 3. Nature of conveyance: Kabelwerk Berlin, Gartenfelder Strasse 28, 13599 Berlin, Germany \boxtimes Assignment П Merger City: AUG 2 9 2002 Security Change of Name State: Zip Code: Agreement П Other: Additional name(s) & Address(es) attached? 2) July 8, 2002 **Execution Date:** 1) July 4, 2002 ☐ Yes ☑ No Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of 4. the application: A. Patent Application Number(s): B. Patent Number(s): 10/148,417 ☐ Yes ☑ No Additional numbers attached? Name and address of party to whom correspondence 6. Total number of applications and registrations 5. involved: concerning document should be mailed: Total fee (37 CFR 3.41): \$40 7. Mr. Ernest F. Chapman Name: Enclosed (Please charge deficiency to deposit \boxtimes account) Authorized to be charged to deposit account FINNEGAN, HENDERSON, FARABOW, GARRETT Internal Address: & DUNNER, L.L.P. 1300 I Street, N.W. Street Address: Washington, D.C. City: Deposit Account No.: 06-0916 8. 20005-3315 Zip: State: Statement and signature. 9. 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 29, 2002 Ernest F. Chapman Date Reg. No. 25,961 Total number of pages including cover sheet, attachments and documents: 3 00000059 10148417 09/04/2002 TDIAZ1 40,00 DP 01 FC:581

Attorney Docket No.: 05788.0218

JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

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

ELECTRICAL CABLE HAVING A HARDGRADE-EPR INSULATION

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 May 29, 2002 (Application No.); and

WHEREAS, PIRELLI KABEL & SYSTEME GMBH & CO. KG, a corporation of Germany, whose post office address is Kabelwerk Berlin, Gartenfelder Strasse 28, 13599 Berlin, Germany (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. 10/148,417 , filed May 29, 2002) the filing date and application number of said application when known.

PATENT REEL: 013242 FRAME: 0268

Attorney Docket No.: 05788.0218

IN TESTIMONY WHEREOF, we have hereunto set our hands.

First Assignor

Jürgen KUSS Wirthswiese 17,

96472 Rödental, Germany

Citizenship: Germany

Signature:

Date: 04.07.200

Second Assignor

Burkhard HERPICH

Siedlung am Berg 60, 96528 Schalkau, Germany

Citizenship: Germany

Signature:

Date: 08.07.2002

RECORDED: 08/09/2002

PATENT REEL: 013242 FRAME: 0269