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09-26-2000

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027



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PATENT

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- Correction of PTO Error
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- Corrective Document
Reel # _____ Frame # _____

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- Assignment Security Agreement
- License Change of Name
- Merger Other _____

U.S. Government
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 Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) FITZ, JON Execution Date: 07/24/00
Name (line 2) _____

Second Party

Name (line 1) WELLS, BEN Execution Date: 07/24/00
Name (line 2) _____

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) Pirelli Cables & Systems, L.L.C. If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be separate document from Assignment).

Name (line 2) A Limited Liability Company of the State of Delaware

Address (line 1) 710 Industrial Drice

Address (line 2) USA

Address (line 3) Lexington South Carolina 29072-3755
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party Only

Name Davy E. Zoneraich, Esq.

Address (line 1) Norris, McLaughlin & Marcus

Address (line 2) P.O. BOX 1018

Address (line 3) Somerville, New Jersey 08876-1018

Address (line 4) USA

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PATENT
REEL: 011099 FRAME: 0163

Correspondent Name and Address **Area Code and Telephone Number** 908-722-0700 Ext. 282

Name Davy E. Zoneraich, Esq.

Address (line 1) Norris, McLaughlin & Marcus

Address (line 2) P.O. BOX 1018

Address (line 3) Somerville, New Jersey 08876-1018

Address (line 4) USA

Pages **Enter the total number of pages of the attached conveyance document including any attachments** **# 3 pages**

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property)

Patent Application Number(s)	Patent Number(s)		
"OPTICAL FIBER CABLE WITH SINGLE STRENGTH MEMBER UNIT IN CABLE OUTER JACKET" INVENTOR: FITZ, JON et al. FILED: July 20, 2000 ATTORNEY DOCKET NO.: 100087161PCT If this document is being filed with a <u>new</u> Patent Application, enter the date the patent application was signed by the first name executing inventor.			

MM/DD/YY

Patent Cooperation Treaty (PCT)

Enter PCT application number PCT PCT
 only if a U.S. Application Number has not been assigned.

PCT PCT PCT

Number of Properties Enter the total number of properties involved. # 1

Fee Amount **Fee Amount for Properties Listed (37 CFR 3.41):** **\$ 40.00**

Method of Payment: Enclosed Deposit Account

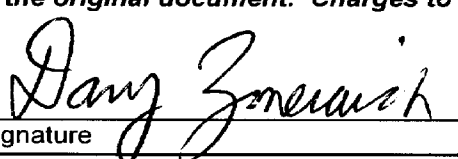
Deposit Account
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Deposit Account Number: # 14-1263

Authorization to charge additional fees: YES NO

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. Charges to deposit account are authorized, as indicated herein.

Davy E. Zoneraich  July 28, 2000
 Name of Person Signing Signature Date

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) LIU, JIN Execution Date: 07/24/00

Name (line 2) _____

Name (line 1) SMITH, JOHN Execution Date: 07/24/00

Name (line 2) _____

Name (line 1) _____ Execution Date: MM/DD/YY

Name (line 2) _____

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Parties

Name (line 1) _____

Name (line 2) _____

Address (line 1) _____

Address (line 2) _____

Address (line 3) _____ City _____ State/Country _____ Zip Code _____

Name (line 1) _____

Name (line 2) _____

Address (line 1) _____

Address (line 2) _____

Address (line 3) _____ City _____ State/Country _____ Zip Code _____

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be separate document from Assignment).

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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property)

Patent Application Number(s)

Patent Number(s)

ASSIGNMENT

International Application No.:

Case:100087161PCT

Filed: 20 JULY 2000

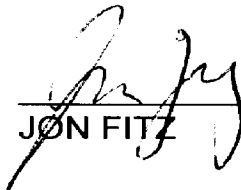
In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we hereby assign to **PIRELLI CABLES AND SYSTEMS, L.L.C.**, a Limited Liability Company of the State of Delaware, having its principal place of business at 710 Industrial Drive, Lexington, South Carolina 29072, its successors, legal representatives and assigns, the entire right, title and interest in our invention or discovery in **OPTICAL FIBER CABLE WITH SINGLE STRENGTH MEMBER UNIT IN CABLE OUTER JACKET** and in the application for Letters Patent of the United States therefor, executed by the undersigned JON FITZ, on 24 July, 2000, BEN WELLS, on 24 July, 2000, JIN LIU, on 24 July, 2000 and JOHN SMITH, on 24 July, 2000, respectively, and in any reissue, extension, division or continuation of any Letters Patent that may be granted upon said application or applications.

We hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said **PIRELLI CABLES AND SYSTEMS, L.L.C.** (the "Assignee").

For said consideration, we 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 we 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 our 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 we 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 us if this assignment and sale had not been made. For said consideration we hereby also assign to said **PIRELLI CABLES AND SYSTEMS, L.L.C.**, its successors, legal representatives and assigns, the entire right, title and interest in said invention or discovery for any and all foreign countries, including all priority rights under convention, agreement or treaty, and agree upon the request of said **PIRELLI CABLES AND SYSTEMS, L.L.C.**, its successors, legal representatives and assigns, to execute any and all documents that shall be required of us to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and any proceedings thereon, and to execute any and all documents necessary to vest title in said foreign applications and patents in said Assignee.

WITNESS my hand this

24th day of July 2000



JON FITZ

WITNESS my hand this

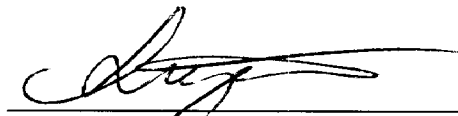
24th day of July 2000



BEN WELLS

WITNESS my hand this


24th day of July 2000



JIN LIU

WITNESS my hand this

24th day of July 2000



JOHN SMITH

STATE OF SOUTH CAROLINA)

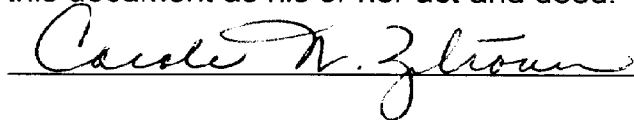
) ss.:

COUNTY OF LEXINGTON)

I CERTIFY that on July 24, 2000,

JON FITZ, personally came before me and acknowledged under oath, to my satisfaction, that this person (or if more than one, each person):

- (a) is named in and personally signed the attached document; and
- (b) signed, sealed and delivered this document as his or her act and deed.



STATE OF SOUTH CAROLINA)

) ss.:

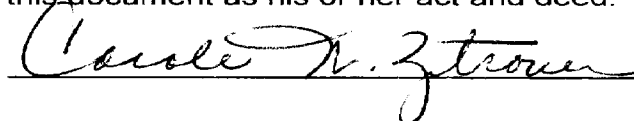
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COUNTY OF LEXINGTON)

I CERTIFY that on July 24, 2000,

BEN WELLS, personally came before me and acknowledged under oath, to my satisfaction, that this person (or if more than one, each person):

- (a) is named in and personally signed the attached document; and
- (b) signed, sealed and delivered this document as his or her act and deed.



STATE OF SOUTH CAROLINA)

) ss.:

COUNTY OF LEXINGTON)

I CERTIFY that on July 24, 2000,

JIN LIU, personally came before me and acknowledged under oath, to my satisfaction, that this person (or if more than one, each person):

- (a) is named in and personally signed the attached document; and
- (b) signed, sealed and delivered this document as his or her act and deed.

Carole N. Zytoun

STATE OF SOUTH CAROLINA)

) ss.:

MY COMMISSION EXPIRES 4-20-2008

COUNTY OF LEXINGTON)

I CERTIFY that on July 24, 2000,

JOHN SMITH, personally came before me and acknowledged under oath, to my satisfaction, that this person (or if more than one, each person):

- (a) is named in and personally signed the attached document; and
- (b) signed, sealed and delivered this document as his or her act and deed.

Carole N. Zytoun

MY COMMISSION EXPIRES 4-20-2008