504507531 08/17/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4554236

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRIAN G. RISCH	09/16/2016
ERIN JEAN BOWMAN	09/16/2016

RECEIVING PARTY DATA

Name:	PRYSMIAN S.P.A.
Street Address:	VIA CHIESE 6
City:	MILAN
State/Country:	ITALY
Postal Code:	20126

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15658644

CORRESPONDENCE DATA

Fax Number: (704)945-6735

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 704-945-6700

Email: docket@ahpapatent.com
Correspondent Name: RICHARD L. ADDITON
Address Line 1: 10706 SIKES PLACE

Address Line 2: SUITE 350

Address Line 4: CHARLOTTE, NORTH CAROLINA 28277

ATTORNEY DOCKET NUMBER:	9300.008US
NAME OF SUBMITTER:	RICHARD L. ADDITON
SIGNATURE:	/Richard L. Additon/
DATE SIGNED:	08/17/2017

Total Attachments: 7

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PATENT 504507531 REEL: 043314 FRAME: 0980

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PATENT REEL: 043314 FRAME: 0981

RECORDATION FORM COVER SHEET PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.				
1. Name of conveying party(ies) BRIAN G. RISCH ERIN JEAN BOWMAN	2. Name and address of receiving party(ies) Name: Prysmian S.p.A. Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) 09/16/2016	Street Address: Via Chiese 6 (new address)			
Assignment Merger Security Agreement Change of Name Joint Research Agreement Government Interest Assignment	City: Milan State:			
Executive Order 9424, Confirmatory License Other 4. Application or patent number(s): This	Country: Italy Zip: 20126 Additional name(s) & address(es) attached? Yes No document is being filed together with a new application.			
A. Patent Application No.(s) 15/658,644 Additional numbers att	B. Patent No.(s) tached? Yes XNo			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name: Additon, Higgins & Pendleton, P.A. Internal Address:	7. Total fee (37 CFR 1.21(h) & 3.41) \$ Authorized to be charged by credit card Authorized to be charged to deposit account			
Street Address: 10706 Sikes Place Suite 350	Enclosed None required (government interest not affecting title)			
City: Charlotte	8. Payment Information			
State: NC Zip: 28277 Phone Number: 704-945-6700	a. Credit Card Last 4 Numbers Expiration Date			
Fax Number: 704-945-6735 Email Address:	b. Deposit Account Number Authorized User Name			
9. Signature: /Richard L. Additon/	August 17, 2017			
Richard L. Additon	Date Total number of pages including cover 7			
Name of Person Signing	sheet, attachments, and documents:			

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, I, Brian G. Risch, a U.S. citizen, residing at Granite Falls, North Carolina (hereinafter referred to as "ASSIGNOR"), am an inventor of certain new and useful improvements (hereinafter collectively referred to as "INVENTION") in FLEXIBLE OPTICAL-FIBER RIBBON, for which International Application No. PCT/US2016/044182, was filed July 27, 2016, (hereinafter referred to as "INTERNATIONAL APPLICATION"); and

WHEREAS, Prysmian S.p.A., an Italian corporation (hereinafter referred to as "ASSIGNEE"), having a principal place of business at Viale Sarca 222, Milan, Italy, has acquired the equitable right, title, and interest — and is desirous of acquiring any remaining right, title, and interest — in and to said INVENTION as described in said INTERNATIONAL APPLICATION, and in and to any and all Letters Patent that shall be granted with respect to said INVENTION in the United States of America and all other countries;

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, have sold, assigned, transferred, and conveyed unto said ASSIGNEE, its successors and assigns, my equitable right, title, and interest — and by these presents do hereby sell, assign, transfer, and convey unto said ASSIGNEE, its successors and assigns any remaining right, title, and interest — in and to said INVENTION, in and to said INTERNATIONAL APPLICATION, in and to any and all other non-provisional, international, and foreign applications (including continuations, continuations—in—part, or divisions thereof) claiming benefit of the filing date of said INTERNATIONAL APPLICATION, together with the right to claim the priority of said INTERNATIONAL APPLICATION in the United States of America and in all foreign countries in accordance

PATENT REEL: 043314 FRAME: 0983 with international treaties and conventions, and in and to any and all Letters Patent of the United States of America and all other countries (or reissues, reexaminations, or extensions thereof) that may be granted therefore or thereon, for the full term for which said Letters Patent may be granted, the same to be held and enjoyed by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if an assignment and sale had not been made.

I acknowledge that at the time said INVENTION was made, said INVENTION was owned by or subject to an obligation of assignment to said ASSIGNEE. I further acknowledge that said ASSIGNEE, its successors and assigns have the sole right to determine patent prosecution strategies with respect to said INVENTION and all corresponding applications, and hereby request that Letters Patent be issued in accordance with this assignment. I further acknowledge and agree that this assignment includes any and all past, present, and future claims against third parties in connection with any of the rights assigned by this assignment to said ASSIGNEE.

I further covenant and agree to bind my heirs, legal representatives, and assigns, to communicate promptly to said ASSIGNEE or its representatives any facts known to me relating to said INVENTION, to testify in any interference or legal proceedings involving said INVENTION, to execute any additional papers, make all rightful oaths, and do all other lawful acts that may be requested to confirm the right of said ASSIGNEE, its successors and assigns to secure patent or similar protection for said INVENTION in all countries and to vest in said ASSIGNEE complete title to said INVENTION and Letters Patent, without further compensation, but at the expense of said ASSIGNEE, its successors and assigns.

Furthermore, I, Brian G. Risch, hereby declare the following: (i) International Application

No. PCT/US2016/044182, filed July 27, 2016, was made or authorized to be made by me; (ii) I believe that I am the original inventor or an original joint inventor of a claimed invention in International Application No. PCT/US2016/044182; and (iii) I hereby acknowledge that any willful false statement made in this declaration is punishable under 18

U.S.C. \$1001 by fine or imprisonment of not more than five (5) years, or both.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

Executed this 16 day of September 2016.

COUNTY OF <u>Catauba</u>

Before me personally appeared said Brian G. Risch and acknowledged the foregoing instrument to be his free act and deed this ______ day of September______ 2016.

Risa Mlave
Notary Public

Lisa M Lane Printed Name

My commission expires: 12-28-18



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ASSIGNMENT

WHEREAS, I, Erin Jean Bowman, a U.S. citizen, residing at Hickory, North Carolina (hereinafter referred to as "ASSIGNOR"), am an inventor of certain new and useful improvements (hereinafter collectively referred to as "INVENTION") in FLEXIBLE OPTICAL-FIBER RIBBON, for which International Application No. PCT/US2016/044182, was filed July 27, 2016, (hereinafter referred to as "INTERNATIONAL APPLICATION"); and

WHEREAS, Prysmian S.p.A., an Italian corporation (hereinafter referred to as "ASSIGNEE"), having a principal place of business at Viale Sarca 222, Milan, Italy, has acquired the equitable right, title, and interest — and is desirous of acquiring any remaining right, title, and interest — in and to said INVENTION as described in said INTERNATIONAL APPLICATION, and in and to any and all Letters Patent that shall be granted with respect to said INVENTION in the United States of America and all other countries;

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, have sold, assigned, transferred, and conveyed unto said ASSIGNEE, its successors and assigns, my equitable right, title, and interest — and by these presents do hereby sell, assign, transfer, and convey unto said ASSIGNEE, its successors and assigns any remaining right, title, and interest — in and to said INVENTION, in and to said INTERNATIONAL APPLICATION, in and to any and all other non-provisional, international, and foreign applications (including continuations, continuations—in—part, or divisions thereof) claiming benefit of the filing date of said INTERNATIONAL APPLICATION, together with the right to claim the priority of said INTERNATIONAL APPLICATION in the United States of America and in all foreign countries in accordance

PATENT REEL: 043314 FRAME: 0986 with international treaties and conventions, and in and to any and all Letters Patent of the United States of America and all other countries (or reissues, reexaminations, or extensions thereof) that may be granted therefore or thereon, for the full term for which said Letters Patent may be granted, the same to be held and enjoyed by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if an assignment and sale had not been made.

I acknowledge that at the time said INVENTION was made, said INVENTION was owned by or subject to an obligation of assignment to said ASSIGNEE. I further acknowledge that said ASSIGNEE, its successors and assigns have the sole right to determine patent prosecution strategies with respect to said INVENTION and all corresponding applications, and hereby request that Letters Patent be issued in accordance with this assignment. I further acknowledge and agree that this assignment includes any and all past, present, and future claims against third parties in connection with any of the rights assigned by this assignment to said ASSIGNEE.

I further covenant and agree to bind my heirs, legal representatives, and assigns, to communicate promptly to said ASSIGNEE or its representatives any facts known to me relating to said INVENTION, to testify in any interference or legal proceedings involving said INVENTION, to execute any additional papers, make all rightful oaths, and do all other lawful acts that may be requested to confirm the right of said ASSIGNEE, its successors and assigns to secure patent or similar protection for said INVENTION in all countries and to vest in said ASSIGNEE complete title to said INVENTION and Letters Patent, without further compensation, but at the expense of said ASSIGNEE, its successors and assigns.

Furthermore, I, Erin Jean Bowman, hereby declare the following: (i) International Application No. PCT/US2016/044182, filed July 27, 2016, was made or authorized to be made by me; (ii) I believe that I am the original inventor or an original joint inventor of a claimed invention in International Application No. PCT/US2016/044182; and (iii) I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. \$1001 by fine or imprisonment of not more than five (5) years, or both.

IN WITNESS WHEREOF, I have hereunto signed my name on the day and year set forth below.

Executed this 16th day of September 2016.

STATE OF North Carolina COUNTY OF Catawba

Before me personally appeared said Erin Jean Bowman and acknowledged the foregoing instrument to be his free act and deed this 16th day of September 2016.

Ksa M Lane
Notary Public

My commission expires: 12-38-18

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