505679732 09/19/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5726540

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IGOR MILICEVIC	09/19/2019
GERTJAN KRABSHUIS	09/19/2019
MATTHEUS JACOBUS NICOLAAS VAN STRALEN	09/19/2019

RECEIVING PARTY DATA

Name:	DRAKA COMTEQ B.V.
Street Address:	SCHIEWEG 9
City:	DELFT
State/Country:	NETHERLANDS
Postal Code:	2627 AN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16555185

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: ADDITON, HIGGINS & PENDLETON, P.A.

Address Line 1: 10706 SIKES PLACE

Address Line 2: SUITE 350

Address Line 4: CHARLOTTE, NORTH CAROLINA 28277

ATTORNEY DOCKET NUMBER:	9500.197
NAME OF SUBMITTER:	RICHARD L. ADDITON
SIGNATURE:	/Richard L. Additon/
DATE SIGNED:	09/19/2019

Total Attachments: 10

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PATENT 505679732 REEL: 050426 FRAME: 0518



Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6/30/2008)

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.				
10 the Director of the U.S. Palent and Trademark Office. Pleas 1. Name of conveying party(ies) IGOR MILICEVIC GERTJAN KRABSHUIS MATTHEUS JACOBUS NICOLAAS VAN STRALEN	2. Name and address of receiving party(ies) Name: Draka Comteq B.V. Internal Address:			
Additional name(s) of conveying party(les) attached? Yes X No 3. Nature of conveyance/Execution Date(s): Execution Date(s) 09/19/2019 X Assignment Merger	Street Address: Schieweg 9			
Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other	City: Delft State: Country: The Netherlands Zip: 2627 AN Additional name(s) & address(es) attached? Yes KNo			
A. Patent Application No.(s) 16/555,185	document is being filed together with a new application. B. Patent No.(s) ached? Yes X No			
5. Name and address to whom correspondence concerning document should be mailed: Name: Additon, Higgins & Pendleton, P.A.	6. Total number of applications and patents involved: 1			
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: 28277-8202	a. Credit Card Last 4 Numbers Expiration Date			
Phone Number: 704-945-6700 Fax Number: 704-945-6735 Email Address:	b. Deposit Account Number <u>50-0332</u> Authorized User Name			
9. Signature: /Richard L. Additon/	September 19, 2019			
Signature Richard L. Additon Name of Person Signing	Date Total number of pages including cover 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, Igor Milicevic, a Dutch citizen, residing at Helmond, The Netherlands (hereinafter referred to as "ASSIGNOR"), am an inventor of certain new and useful improvements (hereinafter collectively referred to as "INVENTION") in Method, Device, and System for Heating an Elongate Silica Cylinder in Manufacturing Optical Fibers for which United States Non-Provisional Patent Application No. 16/555,185 was filed on August 29, 2019, (hereinafter referred to as "NON-PROVISIONAL APPLICATION"), claiming the benefit of Dutch Application No. 2021543 (filed September 3, 2018); and

WHEREAS, Draka Comteq B.V., a Dutch corporation (hereinafter referred to as "ASSIGNEE"), having a principal place of business at Schieweg 9, Delft, The Netherlands, 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 NON-PROVISIONAL 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 NON-PROVISIONAL 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 NON-PROVISIONAL APPLICATION, together with the right to claim the priority of said NON-PROVISIONAL APPLICATION in the United States of America and in all foreign countries in accordance 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, Igor Milicevic, hereby declare the following: (i) U.S. Non-Provisional Patent Application No. 16/555,185, filed August 29, 2019, 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 U.S. Non-Provisional Patent Application No. 16/555,185; 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.

I have hereunto signed my name on the day and year set forth below.

Executed this 19 day of 9, 2019.

Igor Milicavić

ASSIGNMENT

WHEREAS, I, Gertjan Krabshuis, a Dutch citizen, residing at Sint Oedenrode, The Netherlands (hereinafter referred to as "ASSIGNOR"), am an inventor of certain new and useful improvements (hereinafter collectively referred to as "INVENTION") in Method, Device, and System for Heating an Elongate Silica Cylinder in Manufacturing Optical Fibers for which United States Non-Provisional Patent Application No. 16/555,185 was filed on August 29, 2019, (hereinafter referred to as "NON-PROVISIONAL APPLICATION"), claiming the benefit of Dutch Application No. 2021543 (filed September 3, 2018); and

WHEREAS, Draka Comteq B.V., a Dutch corporation (hereinafter referred to as "ASSIGNEE"), having a principal place of business at Schieweg 9, Delft, The Netherlands, 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 NON-PROVISIONAL 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 NON-PROVISIONAL 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 NON-PROVISIONAL APPLICATION, together with the right to claim the priority of said NON-PROVISIONAL APPLICATION in the United States of America and in all foreign countries in accordance 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, Gertjan Krabshuis, hereby declare the following: (i) U.S. Non-Provisional Patent Application No. 16/555,185, filed August 29, 2019, 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 U.S. Non-Provisional Patent Application No. 16/555,185; 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.

I have hereunto signed my name on the day and year set forth below.

Executed this __g day of __g , 2019.

GERTJAN KRABSHUIS

ASSIGNMENT

WHEREAS, I, Mattheus Jacobus Nicolaas Van Stralen, a Dutch citizen, residing at Tilburg, The Netherlands (hereinafter referred to as "ASSIGNOR"), am an inventor of certain new and useful improvements (hereinafter collectively referred to as "INVENTION") in Method, Device, and System for Heating an Elongate Silica Cylinder in Manufacturing Optical Fibers for which United States Non-Provisional Patent Application No. 16/555,185 was filed on August 29, 2019, (hereinafter referred to as "NON-PROVISIONAL APPLICATION"), claiming the benefit of Dutch Application No. 2021543 (filed September 3, 2018); and

WHEREAS, Draka Comteq B.V., a Dutch corporation (hereinafter referred to as "ASSIGNEE"), having a principal place of business at Schieweg 9, Delft, The Netherlands, 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 NON-PROVISIONAL 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 NON-PROVISIONAL 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 NON-PROVISIONAL APPLICATION, together with the right to claim the priority of said NON-PROVISIONAL APPLICATION in the United States of America and in all foreign countries in accordance 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, Mattheus Jacobus Nicolaas Van Stralen, hereby declare the following: (i) U.S. Non-Provisional Patent Application No. 16/555,185, filed August 29, 2019, 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 U.S. Non-Provisional Patent Application No. 16/555,185; 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.

I have hereunto signed my name on the day and year set forth below.

Executed this 19 day of September, 2019.

MATTHEUS JACOBUS NEGOLAAS VAN STRALEN