PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS TANGGAARD ALKESKJOLD	07/04/2018
JENS KRISTIAN LYNGSØE	07/02/2018
CHRISTIAN JAKOBSEN	07/05/2018
MARTIN DYBENDAL MAACK	07/05/2018
MATTIA MICHIELETTO	07/02/2018
SIDSEL RÜBNER PAPIOR	07/04/2018

RECEIVING PARTY DATA

Name:	NKT PHOTONICS A/S
Street Address:	BLOKKEN 84
City:	BIRKERØD
State/Country:	DENMARK
Postal Code:	DK-3460

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17316645

CORRESPONDENCE DATA

Fax Number:

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.

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ATTORNEY DOCKET NUMBER:	0098133-000054	
NAME OF SUBMITTER: DENISE R. WILLIAMS		
SIGNATURE:	/Denise R. Williams/	
DATE SIGNED: 08/03/2021		
This document serves as an Oath/Declaration (37 CFR 1.63).		

PATENT REEL: 057063 FRAME: 0669

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Total Attachments: 3 source=EXECUTED-CDA#page1.tif source=EXECUTED-CDA#page2.tif source=EXECUTED-CDA#page3.tif

PATENT REEL: 057063 FRAME: 0670

COMBINED DECLARATION AND ASSIGNMENT

(JOINT)

As one of the below name	ed inventors. I hereby declare that this Declaration is directed to:
(1) 🗔	U.S. application number or PCT international application number <u>PCT/DK2016/050459</u> filed on <u>Decembger 22, 2016</u> , entitled <u>PHOTONIC CRYSTAL FIBER ASSEMBLY</u> ; or
(2)	the attached application entitled PHOTONIC CRYSTAL FIBER ASSEMBLY.

DECLARATION

As one of the below named inventors, I further declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

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.

ASSIGNMENT

THIS ASSIGNMENT, by the undersigned inventors (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements set forth in the application for Letters Patent of the United States identified above;

WHEREAS, NKT PHOTONICS A/S, a corporation duly organized under and pursuant to the laws of DENMARK and having a principal place of business at Blokken 84, DK-3460 Birkerød, Denmark (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents does self, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire

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PATENT REEL: 057063 FRAME: 0671 right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

412-13	Thomas Tanggaard ALKESKJOLD	The state of the s
Date	Name	Signature
2/2-20/8	Jens Kristian LYNGSØE	<u> </u>
Date	Name	Signature
5/7-2018	Christian JAKOBSEN	
Date	Name	Signature Signature
5/7-2018	Martin Dybendal MAACK	Me De
Date	Name	Signature

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Client Reference No. PHONPA1504US
Application No. Unassigned
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