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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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ROBERT WEISS	12/17/2019
HANS SPRUIT	01/27/2020

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16718545

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ATTORNEY DOCKET NUMBER:	2195-0053
NAME OF SUBMITTER:	MICHAEL D. BECK
SIGNATURE:	/Michael D. Beck/

PATENT REEL: 052996 FRAME: 0477

DATE SIGNED:	06/22/2020	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 3		
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PATENT REEL: 052996 FRAME: 0478

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of the Invent	ion METHOD AND APPARATUS FOR DETECTING PARTICLES	
	DECLARATION	
As a below named	inventor, I hereby declare that:	
This decla	ration is directed to:	
☐ Th	ne attached application, or	
	nited States application or PCT International application number 16/718,545 and on December 18, 2019	
The above-identified application was made or authorized to be made by me.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.		
I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.		

ASSIGNMENT

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

I hereby acknowledge that any willful false statement made in this declaration is punishable under

Whereas, the undersigned inventor(s) has/have made certain inventions, improvements, and/or discoveries (herein referred to as the "invention") disclosed in the patent application identified above by the application number, docket number, and/or title of the invention.

Whereas, Robert Bosch GmbH, a German corporation having a place of business at Wernerstrasse 1, Stuttgart, Germany, 70469 is desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries; and whereas each undersigned inventor desires to grant to Robert Bosch GmbH the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto including but not limited to all divisional, continuing, reexamination, and reissue applications.

Whereas, TRUMPF Photonic Components GmbH, a German corporation having a place of business at Lise-Meitner-Str. 13, Ulm, Germany, 89081 is desirous of acquiring the entire right, title, and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries; and whereas each undersigned inventor desires to grant to TRUMPF Photonic Components GmbH the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents directed thereto including but not limited to all divisional, continuing, reexamination, and reissue applications.

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor ("ASSIGNOR") hereby selfs or has sold, hereby assigns or has assigned, and otherwise transfers or has transferred to Robert Bosch GmbH and TRUMPF Photonic Components GmbH (the "ASSIGNEES"), its successors, legal representatives and assigns, the entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all nonprovisional applications, divisional applications, continuation applications, reissue applications, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents.

In addition, each undersigned inventor hereby authorizes and requests the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the Invention, to Robert Bosch GmbH and TRUMPF Photonic Components GmbH, its successors, legal representatives and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by Robert Bosch GmbH and TRUMPF Photonic Components GmbH, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made.

Each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications whenever requested by **Robert Bosch GmbH** and **TRUMPF Photonic Components GmbH**, its successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to Robert Bosch GmbH and TRUMPF Photonic Components GmbH. and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants Robert Bosch GmbH and TRUMPF Photonic Components GmbH, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment.

LEGAL NAME OF INVENTOR	
Inventor: Alexander Van Der Lee Signature:	Date: 27-1-2020
	3.
LEGAL NAME OF INVENTOR	
Inventor: Robert Weiss	17/12/2019
Signature:	Date: 717/12/2010

SERIAL NO.16/718,545 ATTORNEY DOCKET NO. 2195-0053 P46248-US

LEGAL NAME OF INVENTOR	***************************************	
Inventor: Hans Spruit Signature:		Date: 27/0//2020
Note: An application data sheet (PTO/SB accompanies this form or was filed previo		

Page 3 of 3

PATENT REEL: 052996 FRAME: 0481

RECORDED: 06/22/2020