

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5219797

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	LUN KAI CHENG	08/20/2018
	HENDRIK RENDERING	07/11/2018
	OANA ELENA VAN DER TOGT	08/27/2018
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PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	15778767	
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NAME OF SUBMITTER:	BENJAMIN C. SPEHLMANN	
SIGNATURE:	/Benjamin C. Spehlmann/	
DATE SIGNED:	11/02/2018	
Total Attachments: 2		
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ASSIGNMENT

WHEREAS, WE, **Lun Kai CHENG, Hendrik RENDERING and Oana Elena VAN DER TOGT** residing in **The Netherlands** (ASSIGNORS), are the inventors of certain inventions and improvements described in a U.S. patent application identified by having the title:

CRYOGENIC FIBER OPTIC SENSOR DEVICE

Which application was filed as U.S. Application Serial No. 15/778,767 on May 24, 2018 and filed as PCT International Application PCT/NL/2016/050832 (published as WO 2017/091073 A1) on November 25, 2016,

and WHEREAS

Nederlandse Organisatie voor toegepast-natuurwetenschappelijk onderzoek TNO

Anna van Buerenplein 1

2595 DA 's-Gravenhage

The Netherlands

ASSIGNEE, desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged,

WE hereby assign, to the above named ASSIGNEE, its successors, assign and legal representatives (NOMINEES) the entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

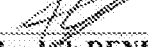
And we covenant that we have full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement or do anything in conflict herewith;


And we further covenant and agree that we will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and we agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And we authorize the ASSIGNEE or its NOMINEES to file in our name or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

And we hereby grant our attorneys at the law firm of Banner & Witcoff the power to insert into this document information further identifying the patent application to which this assignment pertains.

Date: x 28-8-2018 Inventor: x 
Lun Kai CHENG

Date: x July 31, 2018 Inventor: x 
Hendrik RENDERING

Date: x 27-8-2018 Inventor: x 
Oana Elena VAN DER TOGT

Note: No legalization or other witness required.