504972845 06/22/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JACOB N. CHAMOUN	06/13/2018
MICHEL J.F. DIGONNET	06/12/2018

RECEIVING PARTY DATA

Name:	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
Street Address:	1705 EL CAMINO REAL
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94306-1106

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15707343

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	STANF.169A	
NAME OF SUBMITTER:	BRUCE S. ITCHKAWITZ, PH.D.	
SIGNATURE:	/Bruce S. Itchkawitz, Ph.D./	
DATE SIGNED:	06/22/2018	

Total Attachments: 3

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> **PATENT REEL: 046175 FRAME: 0660** 504972845

Application No.: 15/707343 Docket Number: STANF.169A

Filing Date: September 18, 2017 Page 1 of 2

ASSIGNMENT

WHEREAS, Jacob N. Chamoun, residing at Stanford, CA and Michel J.F. Digonnet, residing at Palo Alto, CA, (individual(s) hereinafter "ASSIGNOR"), invented certain new and useful improvements, technology, inventions, developments, ideas, ornamental design or discoveries related to OPTICAL SYSTEM AND METHOD UTILIZING A LASER-DRIVEN LIGHT SOURCE WITH WHITE NOISE MODULATION (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States has been prepared for filing (identified above) with the United States Patent and Trademark Office (hereinafter the "Application");

AND WHEREAS, The Board of Trustees of the Leland Stanford Junior University, a California Corporation, having an address at 1705 El Camino Real, Palo Alto, CA 94306-1106 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work:

NOW. THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all provisional applications relating thereto (including but not limited to U.S. Provisional Application No(s). 62/397285, filed September 20, 2016 (respectively if plural applications)), and all nonprovisional applications claiming priority thereto, including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other provisional or non-provisional applications relating to the Application and the Work or any improvements made thereto, sign all lawful papers, authorize the filling of and execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

PATENT REEL: 046175 FRAME: 0661

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Legal Name of inventor: Jacob N. Chamoun	
Inventor Signature:	Date: 6/13/18
Witnessed by:	
Witness Name (printed):	michael Realt
Legal Name of Inventor: Michel J.F. Digonnet	
Inventor Signature:	Date:-
Witnessed by:	
Witness Name (printed);	

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PATENT REEL: 046175 FRAME: 0662

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Legal Name of invento	or: Jacob N. Chamoun	
Inventor Signature:		Date:
	Witnessed by:	
	Witness Name (printed):	
	or: Michel J.F. Digonnet	allenditudes de l'est est est l'est est est est est est est est est est
Inventor Signature: _	Wilnessed by:	Date: <u>JUN€12, JO1</u> 8
	Witness Name (printed):	

PATENT REEL: 046175 FRAME: 0663

Docket Number: STANF.169A

RECORDED: 06/22/2018

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