

PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
Name			Execution Date
PETER PENNEFATHER			04/26/2019
RECEIVING PARTY DATA			
Name:	UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS		
Street Address:	810 VERMONT AVENUE, NW		
City:	WASHINGTON		
State/Country:	D.C.		
Postal Code:	20420		
PROPERTY NUMBERS Total: 2			
Property Type	Number		
Application Number:	15697369		
Patent Number:	9778573		
CORRESPONDENCE DATA			
Fax Number:	(678)420-9301		
<i>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.</i>			
Phone:	(678)420-9300		
Email:	oglesd@ballardspahr.com		
Correspondent Name:	D. BRIAN SHORTELL, J.D., PH.D.		
Address Line 1:	999 PEACHTREE STREET		
Address Line 2:	SUITE 1000		
Address Line 4:	ATLANTA, GEORGIA 30309		
ATTORNEY DOCKET NUMBER:	37759.0179U2		
NAME OF SUBMITTER:	D. BRIAN SHORTELL, J.D., PH.D.		
SIGNATURE:	/D. Brian Shortell, Reg. No. 56,020/		
DATE SIGNED:	07/29/2019		
Total Attachments: 1			
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ASSIGNMENT

WHEREAS, Cha-Min TANG having a mailing address of 655 West Baltimore Street, Rm 12-029, Bressler Bldg., Baltimore, MD 21201, and Valentina EMILIANI having a mailing address of 20, avenue Reille 75014 Paris France, and Peter PENNEFATHER having a mailing address of 87 Earl Grey Road, Toronto ON, M4J 3L6 Canada (hereinafter "ASSIGNOR") are the inventors of certain new and useful improvements for which United States Patent 9,778,573 entitled OPTICAL ILLUMINATION SYSTEM issued on October 3, 2017 and U.S. Patent Application Number 15/697,369 entitled OPTICAL ILLUMINATION SYSTEM was filed with the U.S. Patent and Trademark Office on September 6, 2017;

AND WHEREAS, UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS (hereinafter "ASSIGNEE"), a department of the government of the United States of America, with its principal place of business at 810 Vermont Avenue, NW, Washington, DC, 20420 desires to acquire the entire and exclusive right, title, and interest in the invention, the patent application, and any patents and equivalent legal protections that are obtained thereon in the United States and in any foreign countries;

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers to ASSIGNEE, its successors or assigns, the entire and exclusive right, title, and interest in the invention, the patent application, and any patents and equivalent legal protections that are obtained thereon in the United States and in any foreign countries, including any continuations, divisions, renewals, substitutes, reissues, or legal equivalents thereof, for the full term(s) for which the same is granted, including all rights to claim priority under any International Convention or Treaty.

ASSIGNOR, in accordance with the present Assignment, hereby authorizes and requests the United States Commissioner for Patents, and officials of foreign countries whose duty it is to issue patents or legal equivalents thereof, to issue any patents obtained on the invention to ASSIGNEE, its successors or assigns.

ASSIGNOR covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that would conflict with the present Assignment.

ASSIGNOR further covenants that ASSIGNOR will promptly execute and deliver to ASSIGNEE, its successors or assigns or their legal representatives any documents, instruments, or affidavits required to apply for, obtain, maintain, issue, and enforce the invention and any applications, patents, and equivalent legal protections directed thereto in the United States or in any foreign country.

ASSIGNOR further covenants that upon request from ASSIGNEE, its successors or assigns or their legal representatives, ASSIGNOR will promptly provide all pertinent facts and documents relating to this invention and any applications, patents, or legal equivalents directed thereto that are known and accessible to ASSIGNOR, and that ASSIGNOR will testify in any legal proceeding related thereto.

ASSIGNOR(S)

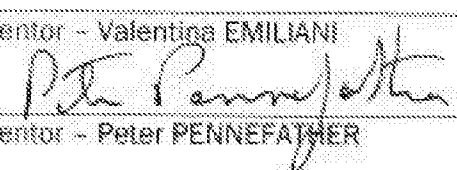
Date: _____

Inventor - Cha-Min TANG

Date: _____

Inventor - Valentina EMILIANI

Date: 26/04/2019



Inventor - Peter PENNEFATHER