

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	IPG PHOTONICS (CANADA) INC.	01/18/2018
RECEIVING PARTY DATA		
Name:	IPG PHOTONICS CORPORATION	
Street Address:	50 OLD WEBSTER ROAD	
City:	OXFORD	
State/Country:	MASSACHUSETTS	
Postal Code:	01540	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15408690
CORRESPONDENCE DATA		
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<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>		
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Address Line 2:	GROSSMAN TUCKER PERREAULT & PFLEGER	
Address Line 4:	MANCHESTER, NEW HAMPSHIRE 03101	
ATTORNEY DOCKET NUMBER:	IPGP022CIP(2010-013-12US)	
NAME OF SUBMITTER:	KEVIN J. CARROLL	
SIGNATURE:	/Kevin J. Carroll/	
DATE SIGNED:	01/19/2018	
Total Attachments: 2		
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ASSIGNMENT

WHEREAS, **IPG Photonics (Canada) Inc.**, a corporation organized and existing under and by virtue of the laws of Canada, and having an office and place of business at **199 Bay Street, Suite 5300, Commerce Court West, Toronto, Ontario, Canada M5L 1B9** (hereinafter “Assignor”), owns certain new and useful invention(s) disclosed in the application for Letters Patent of the United States assigned application serial number 15/408,690, filed on January 18, 2017, and is entitled:

METHODS AND SYSTEMS FOR COHERENT IMAGING AND FEEDBACK CONTROL FOR MODIFICATION OF MATERIALS

AND, WHEREAS, **IPG Photonics Corporation** a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at **50 Old Webster Road, Oxford, MA 01540**, (hereinafter “Assignee”), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, the Assignor has sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed under the Patent Cooperation Treaty, any regional patent offices and in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there

from; and hereby further transfers and assigns to Assignee all causes of action, rights and remedies under such application or any Letters Patent to be issued upon this application.

AND, for the consideration aforesaid, the Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letter Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, the Assignor hereby agrees that the Assignor and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, the rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be;

AND, furthermore, the Assignor covenants and agrees with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by the Assignor.

Signed:

Print Name: Angelo P. Lopresti

Title: Director

IPG Photonics (Canada) Inc.

Executed this day 18th of Jan, 2018