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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
DANIEL SWANBECK	10/23/2014
MARK W BEYER	10/23/2014
MANUEL MARTINEZ	10/23/2014

RECEIVING PARTY DATA

Postal Code:	01540
State/Country:	MASSACHUSETTS
City:	OXFORD
Street Address:	50 OLD WEBSTER ROAD
Name:	IPG PHOTONICS CORPORATION

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15173330

CORRESPONDENCE DATA

Fax Number: (510)668-0239

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.

Email: jessica@jdipatent.com

Correspondent Name: JDI PATENT

Address Line 1: 809 CORPORATE WAY

Address Line 4: FREMONT, CALIFORNIA 94539

ATTORNEY DOCKET NUMBER: IPG-P13119/US2 NAME OF SUBMITTER: JOSHUA D. ISENBERG **SIGNATURE:** /Joshua D. Isenberg, Reg. No. 41088/ **DATE SIGNED:** 07/12/2016

Total Attachments: 3

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PATENT REEL: 039138 FRAME: 0644 503912006

Attorney Docket No: IPG-P13119/US

ASSIGNMENT

THIS ASSIGNMENT, by **DANIEL SWANBECK**, **MARK W. BYER** and **MANUEL MARTINEZ** (hereinafter referred to as the Assignors), residing at **SAN JOSE**, **CALIFORNIA**, **MOUNTAIN VIEW**, **CALIFORNIA**, and **FREMONT**, **CALIFORNIA**, respectively, witnesseth:

WHEREAS, said Assignor has invented certain new and useful improvements in

"CRYSTAL MOUNT FOR LASER APPLICATION"

Said assignors hereby authorize and request his attorney, Joshua D. Isenberg, of 809 Corporate Way, Fremont, California, to insert here in parentheses (U.S. Patent Application No. P1319/US, filed June 3, 2016, 2014) the filing dates and application numbers of said applications when known. 15/173, 330

WHEREAS.

IPG Photonics Corporation

(hereinafter referred to as the Assignee), a body having corporate powers under the laws of state of **DELAWARE** and having its offices at 50 **Old Webster Road**, **Oxford**, **MA 01540**, **USA**, is desirous of obtaining the entire right, title and interest in and to said inventions and said application for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefor and thereon, and to any and all improvements which are disclosed in said application for Letters Patent

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

- 1. The Assignors have sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over unto said Assignee, the entire right, title and interest in, to and under said inventions; said application for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, or continuation-in-part of said application; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor, had this sale and assignment not been made.
- 2. Said Assignors hereby jointly and severally warrant and represent that, at the time of execution and delivery of these presents, said Assignor is the lawful owner of the entire right, title and interest in and to said inventions and said application for Letters Patent, and that the same has not entered into any assignment, contract or understanding in conflict herewith.
- 3. Said Assignors hereby covenant and agree to assist and cooperate with said Assignee, whereby said Assignee may enjoy to the fullest extent said right, title and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignors in lending such assistance and cooperation be paid by Assignee. Such cooperation shall include: (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect said right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee for filing or prosecuting in the United States or any foreign country said application, any application which is a division, continuation, or continuation-in-part of said application, any reissue application for any Letters Patent granted on said application, or for any interference proceeding involving said application or Letters Patent granted thereon; and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions, said application, or Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, public use proceedings and court actions.
- 4. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives, and shall be binding upon said Assignors, and said Assignors' heirs, legal representatives and assigns.
- 5. Said Assignors hereby request the Director of the United States Patent and Trademark Office to issue said Letters Patent of the United States to said Assignee as the assignee of said inventions.

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Assignment

IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the date noted below.

Date: 10/23/14 DANIELSWANBECK
State of California
County of Santa Clara)ss.
On this 33 day of October, in the year 2014, before me, Lleste Ovig Notary Public,
Personally appeared Daniel Subobeck —,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is are subscribed to the within instrument, and acknowledged to me that he she/they executed the same in his/her/their authorized capacity (ies), and that by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
WITNESS my hand and official seal. WITNESS my hand and official seal. Santa Clear County
Notary Signature Old Comm. Expires Sep 1, 2018
Date: 10/23/14 MARK W RYER
State of California)
County of Oarta Claca)ss.
On this 23 day of October, in the year 2014, before me, Oleste 10019, Notary Public,
Personally appeared Mark W. Byer,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) are subscribed to the within instrument, and acknowledged to me that(he)she/they executed the same in his/her/their authorized capacity (jes), and that by his/her/their signature on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
WITNESS my hand and official seal. WITNESS my hand and official seal. Santa Clara County
Notary Signature Olotto 10 My Comm. Expires Sep 1, 2018

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Assignment

Date: 15/23/2014		Ml	I de de	
	,	M	IANUEL MARTINEZ	
State of California)			
County of Santa Clara) ss.)			
On this 23rd day of OCTOBET	, in the year 2014, b	pefore me, Celes	te 10009, Notary Public,	
Personally appeared Manuel	<u>martinez</u>	and a second sec	į.	
who proved to me on the basis of satisfac instrument, and acknowledged to me that by his her/their signature on the instrument.	t/he/she/they executed the	same in (his/her/th	eir authorized capacity (jes), and the	hat
I certify under PENALTY OF PERJURY correct.	under the laws of the Sta	te of California tha	at the foregoing paragraph is true a	nd
Correct.			CELESTE YOUNG	
WITNESS my hand and official seal.			Commission # 2080419	
0 1 1 1	***		Santa Clara County	
Notary Signature QQDQ IO	NYYQ	(SEAL)	Mil. sectors, Exhaus day, 1, 2455	

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Assignment

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RECORDED: 07/12/2016