

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MANUEL J. LEONARDO	03/13/2014
MARK A. ARBORE	03/13/2014
GREGORY L. KEATON	03/13/2014
RECEIVING PARTY DATA	
Name:	IPG PHOTONICS CORPORATION
Street Address:	50 OLD WEBSTER ROAD
City:	OXFORD
State/Country:	MASSACHUSETTS
Postal Code:	01540
PROPERTY NUMBERS Total: 3	
Property Type	Number
Application Number:	14209908
Application Number:	61783686
PCT Number:	US2014026617
CORRESPONDENCE DATA	
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SIGNATURE:	/Joshua D. Isenberg, Reg. No. 41088/
DATE SIGNED:	03/13/2014
Total Attachments: 4	
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ASSIGNMENT

THIS ASSIGNMENT, by **MANUEL J. LEONARDO, MARK A. ARBORE and GREGORY L. KEATON** (hereinafter referred to as the Assignors), residing at **SAN FRANCISCO, CALIFORNIA, LOS ALTOS, CALIFORNIA, and SAN FRANCISCO, CALIFORNIA**, respectively, witnesseth:

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

“HIGHLY EFFICIENT, SINGLE-PASS, HARMONIC GENERATOR WITH ROUND OUTPUT BEAM”

which are described in United States provisional application for letters patent Number **61/783,686** filed **March 14, 2013** and in the accompanying United States nonprovisional application for letters patent having the above title and Attorney Docket Number, and a PCT Patent Application for letters patent having the above title and Attorney Docket Number **MOB-012/PCT**. Said assignor hereby authorizes and requests his attorney, Joshua D. Isenberg, of 809 Corporate Way, Fremont, California, to insert here in parentheses (U.S. Patent Application No. 14/209,908, filed March 14, 2014, and PCT Patent Application No. PCT/US14/26617, filed March 14, 2014) the filing dates and application numbers of said applications when known..

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

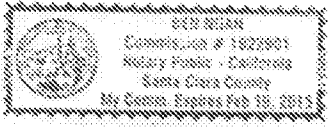
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged:

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.

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

Date: 3/13/2014

State of California)
County of SANTA CLARA) ss.
On this 13TH day of MARCH, in the year 2014, before me, BEN NGAN, Notary Public,
Personally appeared MANUEL J. LEONARDO,
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.
Notary Signature BEN NGAN (SEAL) 

Date: _____


State of California)
County of _____) ss.
On this _____ day of _____, in the year 2014, before me, _____, Notary Public,
Personally appeared _____,
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.
Notary Signature _____ (SEAL)

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.

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

Date: _____	_____
State of California)	MANUEL J. LEONARDO
County of _____) ss.	
On this _____ day of _____, in the year 2014, before me, _____, Notary Public,	
Personally appeared _____,	
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.	
Notary Signature _____	(SEAL)

Date: <u>March 13, 2014</u>	_____
State of California)	MARK A. ARBORE
County of <u>Santa Clara</u>) ss.	
On this <u>13</u> day of <u>March</u> , in the year 2014, before me, <u>Kim Thien Luong</u> Notary Public,	
Personally appeared <u>Mark A. Arbore</u> ,	
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.	
Notary Signature _____	(SEAL)



KIM THIEN LUONG
Commission # 1945517
Notary Public - California
Santa Clara County
My Comm. Expires Jul 25, 2015

Date: MAR 13 2014

Greg K
GREGORY L. KEATON

State of California)
County of San Francisco) ss.
)

On this day of MAR 13 2014, in the year 2014, before me, Jon Wai Lee Notary Public, Notary Public,

Personally appeared Gregory L. Keaton

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.

Notary Signature [Signature]

(SEAL)

