

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Valentin Gapontsev</td> <td>04/22/2013</td> </tr> <tr> <td>Valentin Tyrtshnyy</td> <td>03/27/2013</td> </tr> <tr> <td>Oleg Vershinin</td> <td>03/27/2013</td> </tr> <tr> <td>Boris Davydov</td> <td>03/27/2013</td> </tr> <tr> <td>Dmitri Oulianov</td> <td>03/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	Valentin Gapontsev	04/22/2013	Valentin Tyrtshnyy	03/27/2013	Oleg Vershinin	03/27/2013	Boris Davydov	03/27/2013	Dmitri Oulianov	03/21/2013
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Valentin Gapontsev	04/22/2013												
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Boris Davydov	03/27/2013												
Dmitri Oulianov	03/21/2013												
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													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13747447</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13747447								
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Application Number:	13747447												
CORRESPONDENCE DATA													
<p>Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: intellectualproperty@ipgphotonics.com</p> <p>Correspondent Name: IPG Photonics Corporation</p> <p>Address Line 1: 50 Old Webster Road</p> <p>Address Line 2: Timothy King</p> <p>Address Line 4: Oxford, MASSACHUSETTS 01540</p>													
ATTORNEY DOCKET NUMBER:	P11122/US												
NAME OF SUBMITTER:	Yuri Kateshov												
Signature:	/yurikateshov/												

CH \$40.00 13747447

Date:

04/25/2013

Total Attachments: 2

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RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)
 Valentin Gapontsev
 Valentin Trtyshnyy
 Oleg Vershinin
 Boris Davidov
 Dmitri Oulianov
 Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: IPG Photonics Corporation
 Internal Address: Legal Department
 Street Address: 50 Old Webster Road
 City: Oxford
 State: MA
 Country: US Zip: 01540
 Additional name(s) & address(es) attached? Yes No


3. Nature of conveyance/Execution Date(s):
 Execution Date(s) _____
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.
 A. Patent Application No.(s)
13/747,447
 B. Patent No.(s)
 Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
 Name: Timothy J. King
 Internal Address: Legal Department
 Street Address: 50 Old Webster Road
 City: Oxford
 State: MA Zip: 01540
 Phone Number: 508-373-1362
 Fax Number: 508-373-1130
 Email Address: intellectualproperty@ipgphotonics.com

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ _____
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment information
 Deposit Account Number 504182
 Authorized User Name Yuri Kateshov

9. Signature:  4/24/2013
 Signature Date
Yuri Kateshov
 Name of Person Signing
 Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT OF PATENT RIGHTS

In consideration of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, We

Hereby sell and assign to:


IPG Photonics Corporation, a Delaware Corporation having its principal place of business at 50 Old Webster Road, Oxford, MA 01540, Its successors and assigns, for the territory of the United States of America and for all foreign countries, my entire right, title and interest in and to the improvements in

Method of Sum-Frequency Conversion and Frequency Converter with Optical Active Rotator


Invented by me, and the application for United States Letters Patent thereof, executed concurrently herewith, and all original and reissued patents granted thereof, and all divisions and continuations thereof, including the subject matter of any and all claims which may be obtained in every such patent, and all priority rights under the International Convention for the Protection of Industrial Property for every country of the Union, and all applications for Letters Patent which hereinafter be filed for said improvements in any country or countries foreign to the United States, and all extensions, renewals, and reissues thereof, and covenant that I have full right so to do, and agree that I will communicate to said Company or its representatives all facts known to me respecting said improvements, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for said improvements in all countries.


Name: Valentin Gapontsev

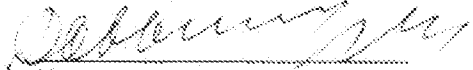
Date: 22.04.2013


Name: Valentin Tyrtshnyy

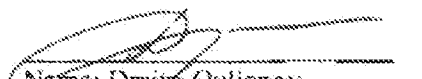
Date: 27.03.2013


Name: Oleg Vershinin

Date: 27.03.2013


Name: Boris Davydov

Date: 29.03.2013


Name: Dmitri Oulianov

Date: 03/21/2013