

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dr. Dmitry Starodubov</td> <td>07/24/2009</td> </tr> <tr> <td>Yuri Grapov</td> <td>07/30/2009</td> </tr> <tr> <td>Dr. Ning Liu</td> <td>07/24/2009</td> </tr> </tbody> </table>		Name	Execution Date	Dr. Dmitry Starodubov	07/24/2009	Yuri Grapov	07/30/2009	Dr. Ning Liu	07/24/2009
Name	Execution Date								
Dr. Dmitry Starodubov	07/24/2009								
Yuri Grapov	07/30/2009								
Dr. Ning Liu	07/24/2009								
<b>RECEIVING PARTY DATA</b>									
Name:	IPG Photonics Corporation								
Street Address:	50 Old Webster Road								
Internal Address:	Y. Kateshov, Legal Dpt.								
City:	Oxford								
State/Country:	MASSACHUSETTS								
Postal Code:	01540								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12534642</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12534642				
Property Type	Number								
Application Number:	12534642								
<b>CORRESPONDENCE DATA</b>									
Fax Number:	(508)373-1130								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	508-373-1185								
Email:	YKATESHOV@IPGPHOTONICS.COM								
Correspondent Name:	IPG PHOTONICS CORPORATION								
Address Line 1:	50 OLD WEBSTER ROAD								
Address Line 2:	Y. Kateshov, Legal Dpt								
Address Line 4:	OXFORD, MASSACHUSETTS 01540								
ATTORNEY DOCKET NUMBER:	IPG-051								
NAME OF SUBMITTER:	Yuri Kateshov								

CH \$40.00 12534642

Total Attachments: 2  
source=ASG#page1.tif  
source=ASG#page2.tif

## ASSIGNMENT OF PATENT RIGHTS

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

Dmitry Starodubov, citizen of Russian Federation, residing in Dudley, MA.  
Yuri Grapov, citizen of United States of America, residing in Sutton, MA.  
Ning Liu, citizen of China, residing in Charlton, MA

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

### MOPA SEED SOURCE WITH WAVELENGTH CONTROL FOR RESONANT FREQUENCY CONVERSION

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: Yuri Grapov

Date: July 30, 2009

\_\_\_\_\_  
Name: D. Starodubov

Date: July 24, 2009

\_\_\_\_\_  
Name: Ning Liu

Date: July 24, 2009

PATENT