

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Johannes Kraus</td> <td>11/05/2009</td> </tr> <tr> <td>Alois Herkommer</td> <td>11/13/2009</td> </tr> <tr> <td>Bernhard Weigl</td> <td>11/12/2009</td> </tr> <tr> <td>Michel Le Maire</td> <td>11/04/2009</td> </tr> <tr> <td>Holger Muenz</td> <td>10/20/2009</td> </tr> </tbody> </table>		Name	Execution Date	Johannes Kraus	11/05/2009	Alois Herkommer	11/13/2009	Bernhard Weigl	11/12/2009	Michel Le Maire	11/04/2009	Holger Muenz	10/20/2009
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Carl Zeiss Laser Optics GmbH</td> </tr> <tr> <td>Street Address:</td> <td>Carl-Zeiss-Strasse 22</td> </tr> <tr> <td>City:</td> <td>Oberkochen</td> </tr> <tr> <td>State/Country:</td> <td>FEDERAL REPUBLIC GERMANY</td> </tr> <tr> <td>Postal Code:</td> <td>73447</td> </tr> </table>		Name:	Carl Zeiss Laser Optics GmbH	Street Address:	Carl-Zeiss-Strasse 22	City:	Oberkochen	State/Country:	FEDERAL REPUBLIC GERMANY	Postal Code:	73447		
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CORRESPONDENCE DATA													
<p>Fax Number: (877)769-7945</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 212-765-5070</p> <p>Email: alp@fr.com</p> <p>Correspondent Name: Chris C. Bowley</p> <p>Address Line 1: FISH & RICHARDSON P.C.</p> <p>Address Line 2: P.O.BOX 1022</p> <p>Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022</p>													
ATTORNEY DOCKET NUMBER:	23523-0010001												
NAME OF SUBMITTER:	Alissa Passacantilli												

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PATENT
REEL: 023566 FRAME: 0187

Total Attachments: 3

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ASSIGNMENT

For valuable consideration, we, JOHANNES KRAUS of Siedlungsstrasse 14, 97288 Theilheim, Germany, ALOIS HERKOMMER of Droste-Huelshoff Weg 5, 73431 Aalen, GERMANY, BERNHARD WEIGL of Mittelrain 47, 89555 Steinheim, Germany, MICHEL LE MAIRE of Meisengasse 1, 73447 Oberkochen, Germany, HOLGER MUENZ of Koernerstrasse 3, 73443 Aalen, Germany, hereby assign to: Carl Zeiss Laser Optics GmbH, a corporation of Germany having a place of business at:

Carl-Zeiss-Strasse 22
73447 Oberkochen
Germany; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled METHOD FOR MEASURING A SPECTRUM OF A NARROWBAND LIGHT SOURCE, AND SPECTROMETER ARRANGEMENT, filed 9/14/2009, and assigned U.S. Serial Number 12/558,874, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: Nov 05, 2009

Johannes Kraus
JOHANNES KRAUS

Witnessed by:

Name: A. Kunkel

Date: Nov. 05, 2009

Name: S. Flotta

Date: Nov 05, 2009

Date: Nov, 13, 2009

Alois Herkommer
ALOIS HERKOMMER

Witnessed by:

Name: S. Flotta

Date: Nov 13, 2009

Name: L. Schwaiblmair

Date: Nov 13, 2009

Date: Nov 12, 2009

Bernhard Weigl
BERNHARD WEIGL

Witnessed by:

Name: A. Kunkel

Date: Nov. 12, 2009

Name: S. Flotta

Date: Nov. 12, 2009

Date: Nov 4, 2009

Michel Le Maire
MICHEL LE MAIRE

Witnessed by:

Name: S. Flotta

Date: Nov. 4, 2009

Name: L. Schultze

Date: Nov. 04, 2009

Date: October 20, 2009

Holger Muenz
HOLGER MUENZ

Witnessed by:

Name: A. Haeckel

Date: Oct 20, 2009

Name: S. Flotta

Date: Oct 20, 2009

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