

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Vitaliy Shklover	04/29/2014
Michael Schall	04/24/2014
Johannes Kraus	04/29/2014
Oliver Gloeckl	04/29/2014
Jeffrey Erxmeyer	05/08/2014
Horst Feldermann	05/08/2014
Konstantin Forcht	04/30/2014
Ute Heinemeyer	04/25/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CARL ZEISS LASER OPTICS GMBH
<b>Street Address:</b>	CARL-ZEISS-STRASSE 22
<b>City:</b>	OBERKOCHEN
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	73447
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14227352
<b>CORRESPONDENCE DATA</b>	
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<b>SIGNATURE:</b>	/Alissa/

PATENT

<b>DATE SIGNED:</b>	05/08/2014
<b>Total Attachments: 4</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif	

ASSIGNMENT

For valuable consideration, we, VITALIY SHKLOVER of Buchenweg 7, D-89551  
Konigsbronn, Germany, MICHAEL SCHALL of Teussenbergweg 36/2, 73457 Essingen,  
Germany, JOHANNES KRAUS of Siedlungsstrasse 14, 97288 Theilheim, Germany, OLIVER  
GLOECKL of Kimbernweg 10, 73433 Aalen, Germany, JEFFREY ERXMEYER of Wiesenweg  
21, 73747 Oberkochen, Germany, HORST FELDERMANN of Wittelsbacherstrasse 10, 73432  
Aalen, Germany, KONSTANTIN FORCHT of Ludwigstrasse 13, 73430 Aalen, Germany, UTE  
HEINEMEYER of Aegyptenpfad 20, 67433 Neustadt an der Weinstrasse, 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 OPTICAL ELEMENT,  
filed 3/27/2014, and assigned U.S. Serial Number 14/227,352, 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: April, 29, 2014   
VITALIY SHKLOVER

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: April, 29, 2014   
MICHAEL SCHALL

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: April, 29, 2014   
JOHANNES KRAUS

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: April, 29, 2014   
OLIVER GLOECKL

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: May 8, 2014

Jeffrey Exmeyer  
JEFFREY EXMEYER

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Date: May 8, 2014

Horst Feldermann  
HORST FELDERMANN

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Date: April 30, 2014

Konstantin Forcht  
KONSTANTIN FORCHT

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

\_\_\_\_\_  
UTE HEINEMEYER

Witnessed by:

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_  
JEFFREY ERXMEYER

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: \_\_\_\_\_  
HORST FELDERMANN

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: \_\_\_\_\_  
KONSTANTIN FORCHT

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Date: Apr. 25, 2014  
Ute Heinemeyer  
UTE HEINEMEYER

Witnessed by:

Name: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_ Date: \_\_\_\_\_

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