

## 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>
Aurelian Dodoc	02/02/2007
Wilhelm Ulrich	01/30/2007
Alexander Epple	01/29/2007
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CARL ZEISS SMT AG
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<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:	14672497
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<b>ATTORNEY DOCKET NUMBER:</b>	36919-0006005
<b>NAME OF SUBMITTER:</b>	CHERYL A. FORREST
<b>SIGNATURE:</b>	/Cheryl A. Forrest/
<b>DATE SIGNED:</b>	03/31/2015
<b>Total Attachments: 1</b>	
source=Assignment from Inventors to Carl Zeiss SMT AG#page1.tif	

Docket No. Q81639  
For Non-U.S. Clients

### Assignment

Whereas, I/We, Aurelian DODOC, Wilhelm ULRICH and Alexander EPPLE of Oberkochen, GERMANY; Aalen, GERMANY; and Aalen, GERMANY, respectively, hereinafter called assignor(s), have invented certain improvements in

CATADIOPTIC PROJECTION OBJECTIVE WITH INTERMEDIATE IMAGES and executed an application for Letters Patent of the United States of America therefor; and

Whereas, CARL ZEISS SMT AG, of Rudolf-Eber-Strasse 2, 73447 Oberkochen (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 11/596,868, filed November 17, 2006) the application number and filing date of said application when known.

Date:

02 - Feb - 2007

*Aurelian DODOC*

s/Aurelian DODOC

Date:

30 - Jan - 2007

*Wilhelm ULRICH*

s/Wilhelm ULRICH

Date:

29 - JAN - 2007

*Alexander EPPLE*

s/Alexander EPPLE

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

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RECORDED: 10/06/2008  
RECORDED: 03/31/2015

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