

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Hartmut ENKISCH	02/07/2011
Stephan MUELLENDER	02/07/2011
Martin ENDRES	02/04/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Carl Zeiss SMT GmbH
<b>Street Address:</b>	Rudolf-Eber-Strasse 2
<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>
<b>Application Number:</b>	12965280
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)293-7860
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	2022937060
<b>Email:</b>	pmiller@sughrue.com
<b>Correspondent Name:</b>	George F. Lehnigk
<b>Address Line 1:</b>	2100 Pennsylvania Ave NW
<b>Address Line 2:</b>	Suite 800
<b>Address Line 4:</b>	Washington, DISTRICT OF COLUMBIA 20035
<b>ATTORNEY DOCKET NUMBER:</b>	Q121884
<b>NAME OF SUBMITTER:</b>	Peter S. Miller Patent Specialist
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## Assignment

Whereas, We, Hartmut ENKISCH of Aalen, Germany; Stephan MUELLENDER of Aalen, Germany; and Martin ENDRES of Koenigsbronn, Germany, respectively, hereinafter called assignors, have invented certain improvements in

### METHOD FOR PRODUCING A MULTILAYER COATING, OPTICAL ELEMENT AND OPTICAL ARRANGEMENT

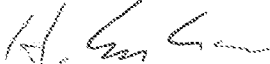
and executed an application for Letters Patent of the United States of America therefor; and


Whereas, CARL ZEISS SMT GMBH of Rudolf-Eber-Strasse 2, 73447 Oberkochen, Germany, (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,

We, the above named assignors, 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 all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, including the right to claim priority under 35 U.S.C. §119, and 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 we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

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 12/965,280 and Confirmation number 6492, filed December 10, 2010) the application number and filing date of said application when known.

Date: Feb 7<sup>th</sup> 2011   
s/Hartmut ENKISCH

Date: February 7<sup>th</sup> 2011   
s/Stephan MUELLENDER

Date: February 4<sup>th</sup> 2011   
s/Martin ENDRES

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