

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Dr. Marco Pretorius</td> <td>09/19/2013</td> </tr> <tr> <td>Guenter Rudolph</td> <td>09/02/2013</td> </tr> <tr> <td>Enrico Geissler</td> <td>09/09/2013</td> </tr> <tr> <td>Dr. Christoph Nieten</td> <td>09/02/2013</td> </tr> </tbody> </table>		Name	Execution Date	Dr. Marco Pretorius	09/19/2013	Guenter Rudolph	09/02/2013	Enrico Geissler	09/09/2013	Dr. Christoph Nieten	09/02/2013
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RECEIVING PARTY DATA											
Name:	Carl Zeiss AG										
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City:	Oberkochen										
State/Country:	GERMANY										
Postal Code:	D-73446										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14036244</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14036244						
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Signature:	/Scott G. Ulbrich/										

PATENT

Date:

09/25/2013

Total Attachments: 2

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## ASSIGNMENT

WHEREAS, we:

- Dr. Marco Pretorius of Katzenbachstrasse 60a, D-73447 Oberkochen, Germany;
- Guenter Rudolph of Ottogerd-Muehlmann-Strasse 14, D-07743 Jena, Germany
- Enrico Geissler of Woellnitzer Strasse 35, D-07749 Jena, Germany; and
- Dr. Christoph Nieten of Ossmaritzer Str. 5a, D-07745 Jena, Germany

(the "Inventors") have invented certain new and useful improvements in PROJECTION DEVICE, for which an application for Letters Patent of the United States has been made, and which may be identified in the United States Patent Office by Application No. 14/036,244, filed 25-SEP-2013 (the "Invention").

WHEREAS, Carl Zeiss AG ("Assignee"), a business entity organized and existing under the laws of Germany, and having its principal offices at Carl-Zeiss-Strasse 22, D-73446 Oberkochen, Germany, is desirous of acquiring the entire right, title and interest in and to said Invention, said application and in, to and under any and all Letters Patent to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration to Inventors in hand paid by said Assignee, the receipt of which is hereby acknowledged, Inventors have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors and assigns, our entire right, title and interest in and to said invention, said application, all applications claiming priority to said application including all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of our rights under the International Convention, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.

Inventors hereby authorize the above mentioned Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the date of execution and/or filing date and application number of said application when ascertained.

Inventors further authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

Upon said consideration Inventors do hereby covenant and agree with the said Assignee, its successors and assigns, that Inventors will not execute in writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and

assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals as dated below.

Date: 19. Sep. 2013

Marco Pretorius  
Dr. Marco Pretorius

Date: 02. Sep. 2013

Guenter Rudolph  
Guenter Rudolph

Date: 08. Sep. 2013

Enrico Geissler  
Enrico Geissler

Date: 02. Sep. 2013

Dr. Christoph Nieten  
Dr. Christoph Nieten