

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT														
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT														
<b>CONVEYING PARTY DATA</b>															
<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>Juergen Koehler</td> <td>05/03/2004</td> </tr> <tr> <td>Rainer Schnell</td> <td>05/03/2004</td> </tr> <tr> <td>Guenther Benedix</td> <td>05/05/2004</td> </tr> <tr> <td>Eberhard Piehler</td> <td>05/03/2004</td> </tr> <tr> <td>Hans-Juergen Meissner</td> <td>05/04/2004</td> </tr> <tr> <td>Bjoern Hauer</td> <td>05/04/2004</td> </tr> </tbody> </table>		Name	Execution Date	Juergen Koehler	05/03/2004	Rainer Schnell	05/03/2004	Guenther Benedix	05/05/2004	Eberhard Piehler	05/03/2004	Hans-Juergen Meissner	05/04/2004	Bjoern Hauer	05/04/2004
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<b>RECEIVING PARTY DATA</b>															
<b>Name:</b>	Carl Zeiss Jena GmbH														
<b>Street Address:</b>	Carl-Zeiss-Promenade 10														
<b>City:</b>	Jena														
<b>State/Country:</b>	GERMANY														
<b>Postal Code:</b>	D-07745														
<b>PROPERTY NUMBERS Total: 1</b>															
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10821396</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10821396										
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<b>CORRESPONDENCE DATA</b>															
<b>Fax Number:</b>	(612)349-9266														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
<b>Phone:</b>	612-349-3001														
<b>Email:</b>	erickson@ptslaw.com														
<b>Correspondent Name:</b>	Douglas J. Christensen														
<b>Address Line 1:</b>	80 South Eighth Street														
<b>Address Line 2:</b>	4800 IDS Center														
<b>Address Line 4:</b>	Minnapolis, MINNESOTA 55402														
<b>NAME OF SUBMITTER:</b>	Douglas J. Christensen														

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Total Attachments: 2  
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ASSIGNMENT

WHEREAS, we, Juergen Koehler, residing at Lutherstrasse 159, D-07743 Jena, Germany, Rainer Schnell, residing at Franz-Gresitza-Strasse 34, D-07749 Jena, Germany, Guenther Benedix, residing at Drackendorfer Strasse 6, D-07747 Jena, Germany, Eberhard Piehler, residing at Am Goennabach 16, D-07778 Lehesten, Germany, Hans-Juergen Meissner, residing at Franz-Gresitza-Strasse 64, D-07749 Jena, Germany, and Bjoern Hauer, residing at Weinbrgstrasse 1, D-07743 Jena, Germany, have invented certain new and useful improvements in ARRANGEMENT OF OPTICAL ELEMENTS IN PROJECTION SYSTEMS, for which an application for Letters Patent of the United States is being made, said application having been executed on \_\_\_\_\_, and which may be identified in the United States Patent Office by Application No. 10/821,396, filed April 9, 2004

WHEREAS, Carl Zeiss Jena GmbH ("Assignee"), a business entity organized and existing under the laws of Germany, and having its principal offices at Carl-Zeiss-Promenade 10, D-07745 Jena, 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 and in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we 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 utility application, all applications claiming priority to said utility application including all divisions, continuations, or renewals thereof, and the Letters Patent, 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 hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.

We 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.

We 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 we do hereby covenant and agree with the said Assignee, its successors and assigns, that we 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 seal as dated below.

Date: 03.05.2004

Juergen Koehler  
Juergen KOEHLER

Date: 03.05.2004

Rainer Schnell  
Rainer SCHNELL

Date: 05.05.2004

Guenther Benedix  
Guenther BENEDIX

Date: 03.05.2004

Eberhard Piehler  
Eberhard PIEHLER

Date: 04.05.2004

Hans-Juergen Meissner  
Hans-Juergen MEISSNER

Date: 04.05.2004

Bjoern Hauer  
Bjoern HAUER