

11/16/05

11-22-2005

Form PTO-2005 (Rev. 07/05)
OMB No. 0541-0027 (exp. 06/30/08)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

<p>NOV 14 2005</p> <p>REC</p> <p>103122981</p>	
<p>To the Director of the U.S. Patent and Trademark Office; Please record the attached documents on the new address(es) below.</p>	
<p>1. Name of conveying party(ies): David R. Shafer (09/28/2005), Alois Herkommer (10/12/2005), Karl-Heinz Schuster (10/07/2005), Gerd Fuerter (10/13/2005).</p> <p>Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: <u>Carl Zeiss SMT AG</u></p> <p>Internal Address: _____</p> <p>Street Address: _____</p> <p><u>Carl-Zeiss Strasse 22</u></p> <p>City: <u>Oberkochen</u></p> <p>State: _____</p> <p>Country: <u>Germany</u> Zip: <u>73447</u></p> <p>Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance/Execution Date(s):</p> <p>Execution Date(s): in parentheses after inventor name</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Joint Research Agreement</p> <p><input type="checkbox"/> Government Interest Assignment</p> <p><input type="checkbox"/> Executive Order 9424, Confirmatory License</p> <p><input type="checkbox"/> Other _____</p>	<p>4. Application or patent number(s):</p> <p>A. Patent Application No.(s) <u>11/183,303</u></p> <p>B. Patent No.(s)</p> <p>This document is being filed together with a new application. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>5. Name and address to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Melvin C. Garner</u> <u>DARBY & DARBY P.C.</u></p> <p>Internal Address: Atty. Dkt.: 01641/1203092-US1</p> <p>Street Address: <u>P.O. Box 5257</u></p> <p>City: <u>New York</u></p> <p>State: <u>NY</u> Zip: <u>10150-5257</u></p> <p>Phone Number: <u>(212) 527-7717</u></p> <p>Fax Number: <u>(212) 527-7701</u></p> <p>Email Address: <u>mgarners@darbylaw.com</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u></p> <p><input type="checkbox"/> Authorized to be charged by credit card</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> None required (government interest not affecting title)</p>
<p>8. Payment Information</p> <p>a. Credit Card Last 4 Numbers _____</p> <p>Expiration Date _____</p> <p>b. Deposit Account Number _____</p> <p>Authorized User Name _____</p>	
<p>9. Signature: <u>[Signature]</u></p> <p>Signature _____ Date <u>November 14, 2005</u></p> <p>Edward J. Ellis - 40,389 Name of Person Signing</p> <p>Total number of pages including cover sheet, attachments, and documents: <u>6</u></p>	

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Form PTO-1595		RECORDATION FORM COVER SHEET (continued)	
Additional Conveying Party(ies)/Execution Date(s) (1. Continued): Rudolph V. Bunau (10/08/2005), and Wilhelm Ulrich (10/12/2005)			
Additional Assignees (2. Continued):			
Assignee Name: _____			
Internal Address: _____			
Street Address: _____			
City: _____ State: _____ Country: _____ Zip: _____			
Assignee Name: _____			
Internal Address: _____			
Street Address: _____			
City: _____ State: _____ Country: _____ Zip: _____			
Assignee Name: _____			
Internal Address: _____			
Street Address: _____			
City: _____ State: _____ Country: _____ Zip: _____			
Additional Applications and/or Patents (4. Continued):			
Additional Patent Application Numbers 4A. Continued:	Additional Patent Numbers 4B. Continued:		
Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No			

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Attorney Docket No.: 01641/1203092-US1

ASSIGNMENT

I, David R. Shafer, a citizen of US, residing at 56 Drake Lane, Fairfield, Connecticut 06430; USA; and

I, Alois Herkommner, a citizen of Germany, residing at Droste-Huelshoff Weg 5; D-73431 Aalen; GERMANY; and

I, Karl-Heinz Schuster, a citizen of Germany, residing at Reehbergstrasse 24; 89551 Koenigsbrunn; GERMANY; and

I, Gerd Fuerter, a citizen of Germany, residing at Hinter den Gaerten 10 D-73479 Ellwangen; GERMANY; and

I, Rudolph V. Buenau, a citizen of Germany, residing at Irisweg 45; D-07749 Jena; GERMANY; and

I, Wilhelm Ulrich, a citizen of US, residing at Lederaeckerweg 44; D-73414 Aalen; GERMANY;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNEE by

Carl Zeiss SMT AG

a corporation organized under the laws of Germany, located at Carl-Zeiss Strasse 22, 73447 Oberkochen, GERMANY (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, throughout the world in and to my Invention entitled:

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CATADIOPTIC OBJECTIVE COMPRISING TWO INTERMEDIATE IMAGES (REISSUE
OF USP 6,600,608)

invented by me and described in Patent Application No. 11/183,303, filed on July 13, 2005, in United States of America; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or require I to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

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I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: Sept. 28, 2005

Dated: Oct. 12, 2005

Dated: Oct. 7, 2005

Dated: Oct. 13, 2005

Dated: _____

Dated: 12-Oct-2005

David R. Shafer
David R. Shafer, Inventor

Alois Herkommer
Alois Herkommer, Inventor

Karl-Heinz Schuster
Karl-Heinz Schuster, Inventor

Gerd Fuertter
Gerd Fuertter, Inventor

Rudolph V. Buenau
Rudolph V. Buenau, Inventor

Wilhelm Ulrich
Wilhelm Ulrich, Inventor

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CATADIOPTIC OBJECTIVE COMPRISING TWO INTERMEDIATE IMAGES (REISSUE
OF USP 6,600,608)

invented by me and described in Patent Application No. 11/183,303, filed on July 15, 2005, in United States of America; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

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PATENT
REEL: 017405 FRAME: 0303

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: _____

David R. Shafer, Inventor

Dated: _____

Alois Herkommer, Inventor

Dated: _____

Karl-Heinz Schuster, Inventor

Dated: _____

Gerd Fuerter, Inventor

Dated: Oct 6, 2005

Rudolf M. von Baenau

Dated: _____

Rudolph V. Baenau, Inventor
Rudolf M. von Baenau

Wilhelm Ulrich, Inventor

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