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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PARTY [ΟΑΤΑ			
		Name	Execution Date	
Wolfgang Emer			06/14/2005	
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Property Type Application Number: 14		Number 53196		
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ASSIGNMENT OF INVENTION

For: (X) U.S and/or () Foreign Rights

For: () U.S. Application or () U.S. Patent By: () Inventor(s) or () Present Owner Assignment Recorded on Reel: Frame:

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$ 1.00). the receipt of which is hereby acknowledged, and for other good and valuable consideration. ASSIGNOR

EMER, Wolfgang, Hannah-Arendt-Str 6, D-73447 Oberkochen / Germany

hereby sell, assign and transfer to ASSIGNEE:

Carl Zeiss SMT AG, Carl-Zeiss-Strasse 22, D-73447 Oberkochen / Germany

and the successors, assigns and legal representatives of the ASSIGNEE

- (X) the entire right, title and interest in the United States of America
- () an undivided _____ percent (____%) interest for the United States and its territorial possessions
- () and in all foreign countries, including all rights to claim priority,

in and to any and all improvements which are disclosed in the invention entitled

METHOD FOR ADJUSTING A PROJECTION OBJECTIVE (VERFAHREN ZUR JUSTAGE EINES PROJEKTIONSOBJEKTIVES)

and which is found in:

- () U.S. Patent Application executed on even date herewith; or
- () U.S. Patent Application executed on
- - (may be filled in when known); or
- A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately; or
- () and any legal equivalent thereof in a foreign country, including the right to claim priority;

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR, hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF I/We have hereunto set hand this

Date june 14 2005

(Wolfgang EMER)

RECORDED: 11/04/2014