PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ulrich Weber	04/20/2007
Jens Kugler	04/20/2007

RECEIVING PARTY DATA

Name:	Carl Zeiss SMT AG	
Street Address:	Rudolf-Eber-Strasse 2	
City:	Oberkochen	
State/Country:	GERMANY	
Postal Code:	73447	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12768286

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 17979-0180002

NAME OF SUBMITTER: Susan L. Brandt

Total Attachments: 1

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PATENT

REEL: 027047 FRAME: 0269

ASSIGNMENT OF INVENTION

	() U.S. and/or () Foreign Rights	Assignment Recorded on				
For: By:	(X) U.S. Application or () U.S. Patent () Inventor(s) or () Present Owner	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:						
WEB! KUGL	ER, Ulrich, Ensingerstr. 53, 89073 Ulm / Germany .ER; Jens, Goetzenbachstr. 1, 73540 Heubach / Germany					
hereby sells, assigns and transfers to ASSIGNEE:						
	Carl Zeiss SMT AG, Rudolf-Eber-Str. 2, 73447 Oberkochen / Germany					
and tl	ne successors, assigns and legal representatives of the ASSIGNE	E				
(X) ()	the entire right, title and interest in the United States of America and undividedpercent (%) interest for the United States and its territorial possessions					
()	and in all foreign countries, including all rights to claim price	ority,				
in and	d to any and all improvements which are disclosed in the invention	n entitled				
	"Positioning unit and alignment device for an optical elem	nent"				
	U.S. Application serial no. 11/631,370 filed off 12/26/2006, of U.S. Patent No					
ASSIGNOR, hereby convenants 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 of affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.						
IN WHITNESS WHEREOF, I/We have hereunto set hand this						
(Date) (Ulrich WEBER))						
<i>o∫ ; (</i> (Dat	(Jens Kugler)					

RECORDED: 05/22/2007

RECORDED: 10/12/2011

PATENT REEL: 019364 FRAME: 0582

> PATENT REEL: 027047 FRAME: 0270