

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SASCHA BLEIDISTEL	08/21/2014
JOACHIM HARTJES	08/26/2014
TORALF GRUNER	09/03/2014
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14449629
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NAME OF SUBMITTER:	GEORGE F. LEHNIGK
SIGNATURE:	/George F. Lehnigk/
DATE SIGNED:	03/27/2015
Total Attachments: 1	
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ASSIGNMENT

For good and valuable consideration, WE, Sascha Bleidistel, a citizen of Germany, residing at Klosterstrasse 2, 73432 Aalen, Germany; Joachim Hartjes, a citizen of Germany, residing at Sonnenstrasse 3, 73433 Aalen, Germany; and Toralf Gruner, a citizen of Germany, residing at Opalstrasse 22, 73433 Aalen-Hofen, Germany, hereinafter individually or collectively referred to as "Assignor";

Hereby sell, assign and transfer to **Carl Zeiss SMT GmbH**, a corporation organized and existing under the laws of Germany, having a place of business at Rudolf-Eber-Strasse 2, 73447 Oberkochen, Germany, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned and

entitled: **PROJECTION EXPOSURE APPARATUS COMPRISING A MEASURING SYSTEM FOR MEASURING AN OPTICAL ELEMENT**

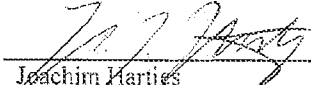
and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

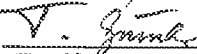
Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

SIGNATURE: 
Sascha Bleidistel

DATE: August 21, 2014

SIGNATURE: 
Joachim Hartjes

DATE: August 26, 2014

SIGNATURE: 
Toralf Gruner

DATE: September 3rd, 2014