

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CARL ZEISS AG	02/15/2019
RECEIVING PARTY DATA	
Name:	CARL ZEISS SMT GMBH
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State/Country:	GERMANY
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16269771
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ATTORNEY DOCKET NUMBER:	24609-0077001
NAME OF SUBMITTER:	CHERYL A. FORREST
SIGNATURE:	/Cheryl A. Forrest/
DATE SIGNED:	04/25/2019
Total Attachments: 2	
source=Carl Zeiss AG to Carl Zeiss SMT GmbH#page1.tif	
source=Carl Zeiss AG to Carl Zeiss SMT GmbH#page2.tif	

Assignment

Whereas, I/We, Carl Zeiss AG, having a place of business at Carl-Zeiss-Strasse 22, 73447 Oberkochen, Germany, hereinafter called assignor, is/will become the assignee of record of the entire right, title and interest in an application for Letters Patent of the United States entitled

Optical system and method for correcting mask defects using the system

and of the invention disclosed therein; and

Whereas, Carl Zeiss SMT GmbH, having a place of business at Rudolf-Eber-Str. 2, 73447 Oberkochen, hereinafter called assignee, desires to acquire the entire right, title, and interest in the application and the invention disclosed therein, and to any United States patents to be obtained therefor;

Therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor, hereby state as follows:

To the extent that my/our entire right, title and interest in the application and the invention disclosed therein have not transferred to the assignee by virtue of applicable law and/or contract, I/we hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire/remaining, present/expectant right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisionals and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119; and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request the attorneys of Fish & Richardson Attn.: Rex I. Huang One Marina Park Drive Boston, Massachusetts 02210 U S A to insert here in

parentheses (Application number 16/269771, filed August 8, 2017 and Confirmation number _____) the application number and filing date of said application when known.

[Signature] *i.V. Sabine Böhm* *Feb. 15. 2019*
Signature(s) Date

K. Gmülich *Sabine Böhm*
Typed or printed name(s)

Director Patents *Director Patents*
Title of person(s) signing

Carl Zeiss AG

Assignor name

Witnessed by:

Signature Date

Typed or printed name

Witnessed by:

Signature Date

Typed or printed name

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)