507445644 08/18/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7492533

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Michael Kamp-Froese	07/22/2022
Claudia Woersching	07/27/2022

RECEIVING PARTY DATA

Name:	CARL ZEISS SMT GMBH
Street Address:	RUDOLF-EBER-STRASSE 2
City:	OBERKOCHEN
State/Country:	GERMANY
Postal Code:	73447

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17811937

CORRESPONDENCE DATA

Fax Number: (877)769-7945

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: +1 (617) 542-5070

Email: apsi@fr.com
Correspondent Name: SEAN P. DALEY

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	22942-0055001
NAME OF SUBMITTER:	ALISSA TIZZANO
SIGNATURE:	/Alissa Tizzano/
DATE SIGNED:	08/18/2022

Total Attachments: 3

source=assignment#page1.tif source=assignment#page2.tif source=assignment#page3.tif

PATENT 507445644 REEL: 060843 FRAME: 0167

Attorney Docket No.: 22942-0055001 / ZS14008PCT/US

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, MICHAEL KAMP-FROESE, and CLAUDIA WOERSCHING, each individually assigns or confirms assignment to CARL ZEISS SMT GMBH, a corporation formed under the laws of Germany and having a principal place of business at Rudolf-Eber-Strasse 2, 73447 Oberkochen, GERMANY, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "METHOD FOR THE TRACKING AND IDENTIFICATION OF COMPONENTS OF LITHOGRAPHY SYSTEMS, AND LITHOGRAPHY SYSTEM," and was filed in the United States Patent and Trademark Office on July 12, 2022, as application 17/811,937 (the "Application").

This Assignment assigns, in addition to the Subject Matter of the Application, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

Assignment Page 1 of 3

Attorney Docket No.: 22942-0055001 / ZS14008PCT/US

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Madal Ray You	Date: July 22, 2022
Michael Kamp-Froese	
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Attorney Docket No.: 22942-0055001 / ZS14008PCT/US

Claudia Woersching	Date: <u> </u>	
Witnessed by:		
Signature:	Date:	***
Print Name:		
Signature:	Date:	
Print Name:		

24230292.doc

Assignment Page 3 of 3

PATENT REEL: 060843 FRAME: 0170