

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
GABRIEL BARALIA	06/05/2019
RAINER BECKER	06/24/2019
KINGA KORNILOV	06/06/2019
CHRISTOF BAUR	06/06/2019
HANS HERMANN PIEPER	06/13/2019
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17829922
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SIGNATURE:	/Cheryl A. Forrest/
DATE SIGNED:	06/02/2022
Total Attachments: 6	

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ASSIGNMENT

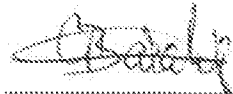
For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, GABRIEL BARALIA, RAINER BECKER, KINGA KORNILOV, CHRISTOF BAUR, and HANS HERMANN PIEPER, each individually assign to CARL ZEISS SMT GMBH, a corporation formed under the laws of Germany and having a 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 "METHODS AND DEVICES FOR EXTENDING A TIME PERIOD UNTIL CHANGING A MEASURING TIP OF A SCANNING PROBE MICROSCOPE," and was filed in the United States Patent and Trademark Office on May 28, 2019, as application 16/423,687 (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.

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.



Gabriel Baralia

Date: 05.06.2019

Witnessed by:

Signature: Kornilov

Date: 05.06.2019

Print Name: KORNILOV

Signature: Christoph Beer

Date: 06.06.2019

Print Name: Beer

R. Becker
Rainer Becker

Date: 24.06.2019

Witnessed by:

Signature: G. A. Baralia

Date: 05.06.2019

Print Name: GEORGE A. BARALIA

Signature: Bauer

Date: 24.06.2019

Print Name: Bauer

Kornilov
Kinga Kornilov

Date: 06.06.2019

Witnessed by:

Signature: Baralia

Date: 05.06.2019

Print Name: GEORGE R. BARALIA

Signature: Bar

Date: 06.06.2019

Print Name: Bar

Christof Baur
Christof Baur

Date: 06.06.2019

Witnessed by:

Signature: [Signature]

Date: 05.06.2019

Print Name: GEORGE A. BARALIA

Signature: [Signature]

Date: 06.06.2019

Print Name: KORNILOV

Pieper
Hans Hermann Pieper

Date: 13.6.2019

Witnessed by:

Signature: [Signature]

Date: 05.06.2019

Print Name: OTOLAF G. BARALIA

Signature: [Signature]

Date: 24.05.2019

Print Name: Rainer Becker

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: CARL ZEISS SMT GMBH

Signature: [Signature] [Signature] Date: June 27, 2019

Name: i.V. Olaf D. Thumann i.V. Sara Schneider

Title: authorized clerk authorized clerk

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