504689472 12/15/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4736194

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the NAME OF THE ASSIGNEE previously recorded on Reel 043074 Frame 0590. Assignor(s) hereby confirms the ASSIGNEE SHOULD BE CARL ZEISS MICROSCOPY GMBH.

CONVEYING PARTY DATA

Name	Execution Date
CARL ZEISS AG	06/30/2017

RECEIVING PARTY DATA

Name:	CARL ZEISS MICROSCOPY GMBH	
Street Address:	CARL-ZEISS-PROMENADE 10	
City:	JENA	
State/Country:	GERMANY	
Postal Code:	07745	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13320208

CORRESPONDENCE DATA

Fax Number: (612)349-9266

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: 612-349-5745

Email: pommier@ptslaw.com
Correspondent Name: PAUL C. ONDERICK
Address Line 1: 80 SOUTH 8TH STREET
Address Line 2: 4800 IDS CENTER

Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	3081.330WOUS
NAME OF SUBMITTER:	ANN POMMIER
SIGNATURE:	/Ann Pommier/.
DATE SIGNED:	12/15/2017

Total Attachments: 6

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PATENT 504689472 REEL: 044889 FRAME: 0789

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4516461

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CARL ZEISS AG	06/30/2017

RECEIVING PARTY DATA

Name:	CAR ZEISS MICROSCOPY GMBH	
Street Address:	CARL-ZEISS-PROMENADE 10	
City:	JENA	
State/Country:	GERMANY	
Postal Code:	07745	

PROPERTY NUMBERS Total: 2

Property Type	Number
Patent Number:	9581799
Application Number:	15429885

CORRESPONDENCE DATA

Fax Number: (612)349-9266

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: 612-349-5745

Email: pommier@ptslaw.com

Correspondent Name: PAUL C. ONDERICK
Address Line 1: 80 SOUTH 8TH STREET

Address Line 2: 4800 IDS CENTER

Address Line 4: MINNESOTA, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	3081.330WOUS	
NAME OF SUBMITTER:	ANN POMMIER	
SIGNATURE:	/Ann Pommier/	
DATE SIGNED:	07/24/2017	

Total Attachments: 3

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ASSIGNMENT

WHEREAS, Carl Zeiss AG ('Assignor'), a business entity organized and existing under the laws of the Country of Germany, and having its principal offices at Carl-Zeiss-Strasse 22, D-73447 Oberkochen, Germany, was the registered owner and assignee of the patents and patent applications identified on Exhibit A (the 'Assigned Patent Rights');

WHEREAS, Carl Zeiss Microscopy GmbH ('Assignee'), a business entity organized and existing under the laws of the Country of Germany, and having its principal offices at Carl-Zeiss-Promenade 10, 07745, Jena, Germany, is desirous of acquiring the entire right, title and interest in the Assigned Patent Rights;

NOW, THEREFORE, for and in consideration of good and valuable consideration paid by Assignee to Assignor, the receipt and sufficiency of which is hereby acknowledged by me, Assignor has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer unto the said Assignee, its successors and assigns, its entire right, title and interest in and to said Assigned Patent Rights, as well as any and all applications claiming priority to said Assigned Patent Rights, including all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of its rights under the International Convention and further including the right to sue, counterclaim and recover for past, present and future infringement of the rights assigned or to be assigned, as fully and entirely as the same would have been held by the Assignor if this assignment had not been made, and Assignor does hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.

Assignor hereby authorizes the above-mentioned Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the date of execution and/or filing date and application number of said application when ascertained.

Assignor further authorizes said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

Upon said consideration Assignor does hereby covenant and agree with the said Assignee, its successors and assigns, that Assignor will not execute in writing or do any act whatsoever conflicting with these presents, and that Assignor or its executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

Date: June 30, 2017	ASSIGNOR: Carl Zeigs AG ASSIGNOR: Carl Zeigs AG Signature ASSIGNOR: Carl Zeigs AG Signature
	ppa. K. Gnatzig i. V. Dr. Sabine Böhmer Name Printed or Typed
	authorized clerk authorized clerk Title
WITNESSED BY:	
Name: A Haurli	Date: June 30, 2017
Address: Carl-Zeiss-Str. 22 Oberhochen	<u> </u>
Name: () Hasamaile	Date: 174118 30, 2017
Address: <u>Carl - Zoiss - Str. 22</u> Oberkooben	

EXHIBIT A

PATENTS/APPLICATIONS:

Patent No./ Application No.	Issue Date/ Filing Date	Title
9,581,799	28 Feb 2017	MICROSCOPIC EXAMINATION OF AN OBJECT USING A SEQUENCE OF OPTICAL MICROSCOPY AND PARTICLE BEAM MICROSCOPY
15/429,885	10 Feb 2017	MICROSCOPIC EXAMINATION OF AN OBJECT USING A SEQUENCE OF OPTICAL MICROSCOPY AND PARTICLE BEAM MICROSCOPY

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