# 503934778 07/27/2016

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3981432

NATURE OF CONVEYANCE:Corrective Assignment to correct the CONVEYING PARTY DATA PREVIOUSLY RECORDED previously recorded on Reel 038672 Frame 0191. Assignor(s) hereby confirms the ASSIGNMENT.	SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
		PREVIOUSLY RECORDED previously recorded on Reel 038672 Frame

### **CONVEYING PARTY DATA**

Name	Execution Date
ERIK ESSERS	12/01/2015
MICHAEL ALBIEZ	12/01/2015
STEFAN MEYER	12/01/2015
DANIEL KIRSTEN	12/06/2015
STEWART BEAN	01/25/2016

#### **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:	14956200

### CORRESPONDENCE DATA

Fax Number:(704)444-1111Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent<br/>using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Phone:650-838-2000

Email:	cynthia.mckinley@alston.com
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Address Line 4:	CHARLOTTE, NORTH CAROLINA 28280-4000

ATTORNEY DOCKET NUMBER:	061098/472723
NAME OF SUBMITTER:	BRIAN OLION
SIGNATURE:	/Brian Olion/
DATE SIGNED:	07/27/2016

## Total Attachments: 8

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### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

	ON TYPE: NEW ASSIGNMENT			
NATURE OF CO	NVEYANCE:	CE: ASSIGNMENT		
CONVEYING PA	RTY DATA			
		Name Execution Date		
ERIK ESSERS		12/01/2015		
MICHAEL ALBIE	ΞZ	12/01/2015		
STEFAN MEYER	·	12/01/2015		
DAN KIRSTEN		12/06/2015		
STEWART B		01/25/2016		
RECEIVING PAR	RTY DATA			
Name:	CARL ZEISS	S MICROSCOPY GMBH		
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Postal Code: PROPERTY NUM Property Application Num CORRESPONDE Fax Number: Phone: Email: Correspondence will be s that is unsuccessful, it w. Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	07745 IBERS Total: Type ber: 1 NCE DATA (704)4 650-83 cynthi sent to the e-mail add ill be sent via US Ma ALST BANK 101 SC CHAR CKET NUMBE	Number         14956200         44-1111         38-2000         a.mckinley@alston.com <i>tress first; if that is unsuccessful, it will be sent using a fax number, if provided; if ii.</i> ON & BIRD LLP         C OF AMERICA PLAZA         DUTH TRYON STREET, SUITE 4000         RLOTTE, NORTH CAROLINA 28280-4000		

Date:	05/22/2016		
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RECEIPT INFORMATIO	DN		
EPAS ID:	PAT388388	6	
Receipt Date:	05/22/2016		

#### ASSIGNMENT

WHEREAS Erik Essers, a citizen of Germany, residing at Reiherstraße 56, Aalen, Germany, 73434, Michael Albiez, a citizen of Germany, residing at Weiße Steige 40, Aalen, Germany, 73431, Stefan Meyer, a citizen of Germany, residing at Sonnenstraße 15, Aalen, Germany, 73433, Daniel Kirsten, a citizen of Germany, residing at Hudestraße 25, Lübeck, Germany, 23569, and, Stewart Bean, a citizen of the United Kingdom, residing at 50 St Margarets Road, Wyton, Cambridgeshire, United Kingdom, PE28 2AN, hereinafter referred to as "Assignors," are inventors of the invention described and set forth in the below-identified patent application(s):

#### Title of Invention: CHARGED PARTICLE OPTICAL APPARATUS FOR THROUGH-THE LENS DETECTION OF PARTICLES

described in the document attached hereto as Exhibit A

Filing Date: \_\_\_\_\_ Dec 01, 2015

WHEREAS, Carl Zeiss Microscopy GmbH, a corporation incorporated under and pursuant to the laws of Germany, and having its principal place of business at Carl-Zeiss-Promenade 10, Jena, Germany, 07745, hereinafter referred to as "Assignee," is desirous of acquiring all of Assignors' right, title, and interest in and to said invention, the right to file applications on said invention, and the right, title and interest in and to any applications, including provisional applications, for Letters Patent of the United States or other countries claiming priority to said applications, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefore and thereon;

NOW, THEREFORE, for good and valuable consideration, receipt of which are hereby acknowledged by Assignors, Assignors have assigned, transferred and set over, and by these presents do assign, transfer and set over unto Assignee, and Assignee's successors, legal representatives, and assigns, all of Assignors' right, title and interest in and to the above-mentioned invention and application, the right to file applications on said invention, and the right, title and interest in and to any such applications, including provisional applications, and any applications claiming priority from said applications for Letters Patent of the United States or other countries (including patent, utility model and industrial designs), and in and to any Letters Patent or Patents of the United States of America and all foreign countries that have been or may be granted therefor and thereon, and in and to any and all divisions, renewals, substitutions, conversions, continuations, and continuations-in-part of said applications, and reissues, prolongations and extensions of said Letters Patent or Patents, and all rights under the Paris Convention for the Protection of Industrial Property, including the right to claim priority, the same to be held and enjoyed by Assignee, for its own use and behalf and the use and behalf of Assignee's successors. legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignors had this Assignment not been made:

AND for the same consideration, Assignors hereby covenant and agree to and with Assignce, its successors, legal representatives, and assigns, that Assignors shall, whenever counsel of Assignee, or the counsel of its successors, legal representatives, and assigns, advises that any proceeding in connection with said invention or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said invention in any country. including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, continuation-in-part, substitution or conversion of any applications for Letters Patent or Patents, or any reissue, prolongation or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent or Patents for said invention, without charge to Assignee, its successors, legal representatives, and assigns, but at the cost and expense of Assignee, its successors, legal representatives, and assigns;

AND Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent or Patents of the United States to Assignee as the assignee of said invention and the Letters Patent or Patents issued and to be issued thereon for the use and behalf of Assignee, its successors, legal representatives, and assigns:

AND the undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment the application number and filing date and any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment,

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dec. 1, 2015 Date Erik Essers

Date:

..... Witness Signature

Witness Print Name

Date:\_\_\_\_\_

Witness Signature

Dec, 01 2013 Date

Michael Albiez

Witness Signature

Witness Print Name

Witness Signature

Date:\_\_\_\_\_

Date:\_\_\_\_\_

···· <u>Dec 1, 2015</u> Date

t las \_\_\_\_\_ Stefan Meyer

Witness Signature

Date:\_\_\_\_\_

Witness Print Name

Date:

Witness Signature

Dec. 6, 2015 Date

Daniel Flinter \_\_\_\_\_

Daniel Kirsten

Witness Signature

Date:

Witness Print Name

Date:\_\_\_\_\_

Witness Signature

<u> January 2016</u>  $\frac{2}{Date}$ 

Amin Lap Witness Signature

<u>ARTIN HAYN</u> Witness Print Name

Witness Signature

DIEGO GUERRA Witness Print Name

Stewart Bean

Date: 25/01/16

Date: 25/01/16

#33636440v1

PATENT REEL: 039492 FRAME: 0936

**RECORDED: 07/27/2016**