503935141 07/28/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DR. DIRK PREIKSZAS	07/15/2016

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15183061

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ATTORNEY DOCKET NUMBER:	FRM-171US
NAME OF SUBMITTER:	DONALD W. MUIRHEAD
SIGNATURE:	/Donald W. Muirhead/
DATE SIGNED:	07/28/2016

Total Attachments: 1

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PATENT 503935141 REEL: 039277 FRAME: 0428

Docket Number: FRM-171US

ASSIGNMENT

WHEREAS, the undersigned inventor has developed certain inventions described in a U.S. patent application entitled:

ANALYZING ENERGY OF CHARGED PARTICLES

which was filed on June 15, 2016 as U.S. Patent Application Serial No. 15/183,061, and the undersigned have full right to convey the entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

WHEREAS, Carl Zeiss Microscopy GmbH ("ASSIGNEE"), a company having executive offices at Carl-Zeiss-Promenade 10, Jena 07745, GERMANY is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by the undersigned, the undersigned do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest throughout the world in and to said inventions, as described in the above-identified application, in any form or embodiment thereof, and in and to the above-identified application; and in and to any application filed in the U.S. or any foreign country based thereon, including the right to file said applications and claim priority under the provisions of any U.S. or international convention or treaty, also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and the undersigned hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said ASSIGNEE or its successors and assigns.

The undersigned further agree, without any further payment or compensation by said ASSIGNEE or its successors and assigns, to communicate to said ASSIGNEE, its representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings whenever requested; testify in any interference or other legal proceedings, whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said ASSIGNEE, its successors or assigns and nominees to secure, obtain and enforce proper patent protection for said inventions in this or any foreign country.

The undersigned hereby declares that:

a. The above-identified application was made or authorized to be made by me.

b. I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

c. I have reviewed and understand the contents of the above-identified application, including the claims.

d. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 C.F.R. § 1.56.

e. I hereby acknowledge that any willful false statement made in the above declarations is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

The undersigned hereby authorizes attorneys of Muirhead and Saturnelli, LLC to insert here in parenthesis) the application number and filing date of the above-identified application (or US or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

IN TESTIMONY WHEREOF, the undersigned has hereunto set their hands and seals on the date next to their signatures.

Inventor(s)

Date Signed

July 15,2016

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