

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CARL ZEISS AG	11/05/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CARL ZEISS JENA GMBH
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<b>City:</b>	JENA
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	D-07745
<b>PROPERTY NUMBERS Total: 4</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	8500290
Patent Number:	8696143
Patent Number:	8797242
Patent Number:	8780024
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<b>ATTORNEY DOCKET NUMBER:</b>	3081.257WOUS
<b>NAME OF SUBMITTER:</b>	ANN POMMIER
<b>SIGNATURE:</b>	/Ann Pommier/
<b>DATE SIGNED:</b>	11/12/2018
<b>Total Attachments: 3</b>	
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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, Oberkochen, Germany D-73447, was the registered owner and assignee of the patents and patent applications identified on Exhibit A (the "Assigned Patent Rights");

WHEREAS, Carl Zeiss Jena 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, Jena, Germany D-07745, 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.

ASSIGNOR: Carl Zeiss AG

Date: November 05, 2018



Signature

i.V. Dr. Utz Müller i. V. Dr. Marc René Carlsohn

Name Printed or Typed

Patent Counsel Patent Counsel

Title

EXHIBIT A

PATENTS/APPLICATIONS:

<u>Patent No./ Application No.</u>	<u>Issue Date/ Filing Date</u>	<u>Title</u>
8,500,290 B2	August 6, 2013	PROJECTION SYSTEM
8,696,143 B2	April 15, 2014	PROJECTION SYSTEM
8,797,242 B2	August 5, 2014	PROJECTOR AND METHOD FOR PROJECTING AN IMAGE
8,780,024 B2	July 15, 2014	PROJECTOR AND METHOD FOR PROJECTING AN IMAGE