

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5370686

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Wolfgang Singer	07/03/2018
Bernd Kleemann	06/30/2018
Artur Degen	07/02/2018
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<b>City:</b>	OBERKOCHEN
<b>State/Country:</b>	GERMANY
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16247911
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<b>SIGNATURE:</b>	/Alissa/
<b>DATE SIGNED:</b>	02/11/2019
<b>Total Attachments: 4</b>	
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### ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, WOLFGANG SINGER, BERND KLEEMANN, and ARTUR DEGEN, each individually assigns to CARL ZEISS AG, a corporation formed under the laws of Germany and having a principal place of business at Carl-Zeiss-Straße 22, 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 "OPTICAL SYSTEM AND METHOD FOR TRANSMITTING A SOURCE IMAGE," and was or will be filed in the United States Patent and Trademark Office on June 14, 2018, as application 16/008,394 (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.

Wolfgang Singer  
Wolfgang Singer

Date: July 3, 2018

Witnessed by:

Signature: Silke Hauff

Date: July 3 2018

Print Name: Silke Hauff

Signature: Edith Borg

Date: July 3, 2018

Print Name: Edith Borg

Bernd Kleemann

Bernd Kleemann

Date: 2018/June/30

Witnessed by:

Signature: Michael Huhn

Date: 2018/June/30

Print Name: Michael Huhn

Signature: Jues Blumenthal

Date: 2018/June/30

Print Name: Jues Blumenthal

x Arthur Degen  
Artur Degen

Date: x 02.07.2018

Witnessed by:

Signature: x Michael Gölls

Date: x 2.7.2018

Print Name: x Michael Gölls

Signature: x Thomas Milde

Date: x 2.7.2018

Print Name: x THOMAS MILDE

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