

## 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>
Stephan Heimgartner	03/13/2015
Alexander Bietsch	03/13/2015
Hartmut Rudmann	03/13/2015
Markus Rossi	03/13/2015
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<b>Name:</b>	HEPTAGON MICRO OPTICS PTE. LTD.
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15487132
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<b>SIGNATURE:</b>	/Carol Tyrrell/
<b>DATE SIGNED:</b>	05/10/2017
<b>Total Attachments: 3</b>	
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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, Stephan Heimgartner, Alexander Bietsch, Hartmut Rudmann, and Markus Rossi, each individually assign to Heptagon Micro Optics Pte. Ltd., a company formed under Swiss Law, and having a principal place of business at 26 Woodlands Loop, Singapore, 738317, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "OPTICAL DEVICES, IN PARTICULAR COMPUTATIONAL CAMERAS, AND METHODS FOR MANUFACTURING THE SAME", and was filed in the United States Patent and Trademark Office on July 17, 2012, as Provisional Application No. 61/672,544; and was filed on January 9, 2015, as Patent Application No. 14/413,866 (the "Application").

This Assignment assigns (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, (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.

X   
STEPHAN HEIMGARTNER

Date: X 13-March-2015

Witnessed by: X

Signature: Petra Simonovic

Date: 13 March 2015

Print Name: PETRA SIMONOVIC

X   
ALEXANDER BIETSCH

Date: X 13-March-2015

Witnessed by: X

Signature: Petra Simonovic

Date: 13 March 2015

Print Name: PETRA SIMONOVIC

13 March 2015 PS

X   
HARTMUT RUDMANN

Date: X 13 March 2015

Witnessed by: X

Signature: Petra Simonovic

Date: 13 March 2015

Print Name: PETRA SIMONOVIC

X   
MARKUS ROSSI

Date: X 13-MAR-2015

Witnessed by: X


Signature: Petra Simonovic

Date: 13 March 2015

Print Name: PETRA SIMONOVIC

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: HEPTAGON MICRO OPTICS PTE. LTD.

Signature:   Date:  4 Mar 15  
Name:  S. C. VEONG  
Title:  C.OO

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