

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT5355502

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Hartmut Rudmann	04/22/2014
Markus Rossi	04/22/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HEPTAGON MICRO OPTICS PTE. LTD.
<b>Street Address:</b>	26 WOODLANDS LOOP
<b>City:</b>	SINGAPORE
<b>State/Country:</b>	SINGAPORE
<b>Postal Code:</b>	738317
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15939636
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(212) 765-5070
<b>Email:</b>	apsi@fr.com
<b>Correspondent Name:</b>	SAMUEL BORODACH
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
<b>Address Line 2:</b>	P.O.BOX 1022
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55440-1022
<b>ATTORNEY DOCKET NUMBER:</b>	31026-0016003
<b>NAME OF SUBMITTER:</b>	CAROL TYRRELL
<b>SIGNATURE:</b>	/Carol Tyrrell/
<b>DATE SIGNED:</b>	02/01/2019
<b>Total Attachments: 2</b>	
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ASSIGNMENT

For valuable consideration, the receipt and sufficiency of which are acknowledged, we, HARTMUT RUDMANN of Jona, Switzerland and MARKUS ROSSI of Jona, Switzerland, hereby assign to Heptagon Micro Optics Pte Ltd., a company having a place of business at:

26 Woodlands Loop  
Singapore, SG 738317


and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled "Opto-electronic Modules and Methods of Manufacturing the Same and Appliances and Devices Comprising the Same," filed on July 19, 2012, and assigned U.S. Serial Number 13/553,290; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other

lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

  
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HARTMUT REEMMANN

Witnessed by: Peter Simonovic

Dated: 22 April 2019

  
.....  
MARKUS ROSSI

Witnessed by: Mr Simonovic

Dated: 27.04.2019

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