

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5395275

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Qichuan Yu	03/30/2016
Hartmut Rudmann	03/24/2016
Ji Wang	03/30/2016
Kian Siang Ng	03/30/2016
Simon Gubser	03/24/2016
James Eilertsen	04/02/2016
RECEIVING PARTY DATA	
Name:	HEPTAGON MICRO OPTICS PTE. LTD.
Street Address:	26 WOODLANDS LOOP
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	738317
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15772581
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	(212) 765-5070
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Correspondent Name:	SAMUEL BORODACH
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Address Line 2:	P.O.BOX 1022
Address Line 4:	MINNEAPOLIS, MINNESOTA 55440-1022
ATTORNEY DOCKET NUMBER:	31026-0172US1
NAME OF SUBMITTER:	CAROL TYRRELL
SIGNATURE:	/Carol Tyrrell/
DATE SIGNED:	02/27/2019

Total Attachments: 9

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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, QICHUAN YU, HARTMUT RUDMANN, JI WANG, KIAN SIANG NG, SIMON GUBSER and JAMES EILERTSEN, each individually assign to HEPTAGON MICRO OPTICS PTE. LTD., a corporation formed under the laws of Singapore and having a principal place of business at 26 Woodlands Loop, Singapore, 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 "THIN OPTOELECTRONIC MODULES WITH APERTURES AND THEIR MANUFACTURE," and was filed in the United States Patent and Trademark Office on November 17, 2015, as application 62/256,238 (the "Application").

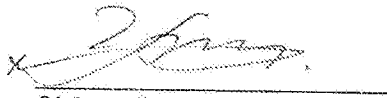
This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country 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.

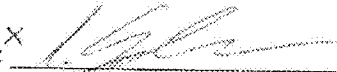
We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and

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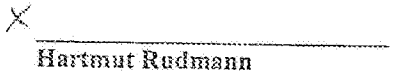
X 

Qichuan Yu

Date: X 30/03/2016

Witnessed by: X 

Dated: X 30/03/16

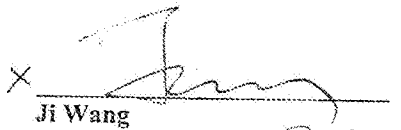
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Hartmut Rudmann

Date: X _____

Witnessed by: X _____

Dated: X _____

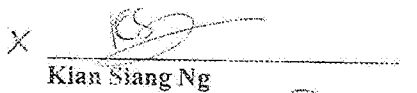
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Ji Wang

Date: X 30/03/2016

Witnessed by: X 

Dated: X 30/03/2016

X 

Kian Siang Ng

Date: X 30/03/2016

Witnessed by: X 

Dated: X 30/03/2016

X [Signature]
Simon Gubser

Date: X 24.3.16

Witnessed by: X [Signature]

Dated: X 24.3.2016

X _____
James Eilertsen

Date: X _____

Witnessed by: X _____

Dated: X _____

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: HEPTAGON MICRO OPTICS PTE. LTD.

Signature: X _____

Date: X _____

Name: X _____

Title: X _____

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ASSIGNMENT

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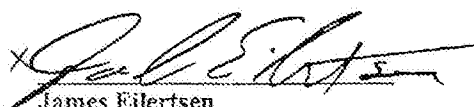
X _____ Date: X _____
Qichuan Yu
Witnessed by: X _____
Dated: X _____

X *H. Rudmann* Date: X 24.03.16
Harmit Rudmann
Witnessed by: X *[Signature]*
Dated: X 24.3.2016

X _____ Date: X _____
Ji Wang
Witnessed by: X _____
Dated: X _____

X _____ Date: X _____
Kian Siang Ng
Witnessed by: X _____
Dated: X _____

X _____ Date: X _____
Simon Gubser
Witnessed by: X _____
Dated: X _____

X  Date: X April 2, 2016
James Eilertsen
Witnessed by: X Bernadette Eilertsen
Dated: X April 2, 2016

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: HEPTAGON MICRO OPTICS PTE. LTD.

Signature: X _____ Date: X _____
Name: X _____
Title: X _____

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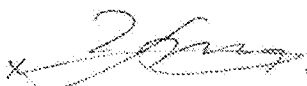
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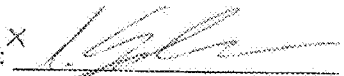
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X  Date: X 30/03/2016
Qichuan Yu

Witnessed by: X 
Dated: X 30.3.16

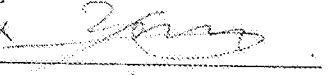
X _____ Date: X _____
Hartmut Rudmann

Witnessed by: X _____
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X _____ Date: X _____
Simon Gubser
Witnessed by: X _____
Dated: X _____

X _____ Date: X _____
James Eilertsen
Witnessed by: X _____
Dated: X _____

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: HEPTAGON MICRO OPTICS PTE. LTD.

Signature: X [Signature] Date: X 28 Mar 16
Name: X LEONG BOW CHUN
Title: X COO

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