PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4012894

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Bernhard Buettgen	10/02/2015

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:	15240146

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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.

(212) 765-5070 Phone: Email: apsi@fr.com

Correspondent Name: SAMUEL BORODACH Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	31026-0155001
NAME OF SUBMITTER:	CAROL TYRRELL
SIGNATURE:	/Carol Tyrrell/
DATE SIGNED:	08/18/2016

Total Attachments: 4

source=310260155001Assignment#page1.tif source=310260155001Assignment#page2.tif source=310260155001Assignment#page3.tif source=310260155001Assignment#page4.tif

Attorney Docket No.: 31026-0155P01/hptg-14-254

ASSIGNMENT

For valuable consideration, the receipt of which I acknowledge, and intending to be bound legally, I, BERNHARD BUETTGEN, 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 my right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names me as inventor, is titled "OPTOELECTRONIC MODULES OPERABLE TO COLLECT DISTANCE DATA VIA TIME-OF-FLIGHT AND TRIANGULATION," and was filed in the United States Patent and Trademark Office on September 30, 2015, as application 62/234,815 (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.

I 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 my name or in the Assignee's name.

I represent and warrant that I have the right and power to make this Assignment and that I have not made and will not make any other assignment that conflicts with this Assignment.

I 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.

Assignment Page 1 of 2

Attorney Docket No.: 31026-0155P01 / hptg-14-254

And the same of th	Date: 2.0ct. 2015
Bernhard Buettgen	
Witnessed by:	naparan.
Dated: Oct 2,2015	
The Assignee hereby acknowledges and acce	pts the foregoing assignment.
Assignee: HEPTAGON MICRO OPTICS PT	E. LTD.
Signature:	Date:
Name:	
Title:	

30910104 doc

Assignment Page 2 of 2

Attorney Docket No.: 31026-0155P01 / hptg-14-254

ASSIGNMENT

For valuable consideration, the receipt of which I acknowledge, and intending to be bound legally, I, <u>BERNHARD BUETTGEN</u>, assign to <u>HEPTAGON MICRO OPTICS PTE</u>. <u>LTD</u>., a corporation formed under the laws of <u>Singapore</u> and having a principal place of business at <u>26 Woodlands Loop</u>, <u>Singapore</u>, <u>Singapore</u> <u>738317</u>, and its successors, transferees, and assignees (collectively the "Assignee"). all of my right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names me as inventor, is titled "<u>OPTOELECTRONIC MODULES OPERABLE TO COLLECT DISTANCE DATA VIA TIME-OF-FLIGHT AND TRIANGULATION</u>," and was filed in the United States Patent and Trademark Office on <u>September 30</u>, 2015, as application <u>62/234,815</u> (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.

I 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 my name or in the Assignee's name.

I represent and warrant that I have the right and power to make this Assignment and that I have not made and will not make any other assignment that conflicts with this Assignment.

I 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.

Assignment Page 1 of 2

Attorney Docket No.: 31026-0155P01 / hptg-14-254

Bernhard Buettgen	Date:	
Demaid Daeagei		•
Witnessed by:		
Dated:	ent retern vertrampeter entretable for mentalper for mentalper for mentalper for the foreign per foreign per f	
The Assignee hereby ack	nowledges and accepts the foregoing	g assignment.
Assignee: HEPTAGON 1	MICRO OPTICS PTE, LTD.	4
Signature:	2)	Date: 704 15
Name:	LEONG JOW CHA	
Title:	and the second s	
annumana e e e e e e e e e e e e e e e e e e		

Assignment Page 2 of 2