

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KOTARO ISHIZAKI	11/14/2019
JAVIER MIGUEL-SÁNCHEZ	11/19/2019
PETER ROENTGEN	11/15/2019
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:	16610238
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	214988-0014-US01
NAME OF SUBMITTER:	BRIAN W. JACOBS
SIGNATURE:	/brian w. jacobs/
DATE SIGNED:	11/21/2019
Total Attachments: 2	
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A S S I G N M E N T

Pursuant to our obligation to Heptagon Micro Optics Pte. Ltd. (hereinafter referred to as "Assignee"), a Singaporean corporation having its principal place of business at:

Heptagon Micro Optics Pte. Ltd.
26 Woodlands Loop
Singapore 738317

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged,
we:

Kotaro Ishizaki
c/o Heptagon Micro Optics Pte. Ltd.
26 Woodlands Loop
Singapore 738317

Javier Miguel-Sánchez
c/o Heptagon Micro Optics Pte. Ltd.
26 Woodlands Loop
Singapore 738317

Peter Roentgen
c/o Heptagon Micro Optics Pte. Ltd.
26 Woodlands Loop
Singapore 738317

confirm our obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, our entire right, title and interest -

(1) in and to inventions described in a patent application titled SPECTROMETER CALIBRATION "" for which we filed United States Patent Application No.: and 16/610,238, filed on November 1, 2019 (Atty. File No.: 214988-0014-US01) (hereinafter the "U.S. utility patent application");

(2) in and to the U.S. utility patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, 35 U.S.C. §111(b) provisional, 35 U.S.C. §111(a), and reissue applications) based upon said inventions, and in and to the patent or patents to be granted thereon, to the full end of the term or terms for which said patent or patents may be granted;

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the U.S. utility patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of our Assignee with a claim to priority based on the U.S. utility patent applications.

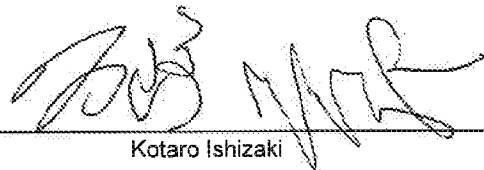
We hereby authorize the assignee or attorney of record to insert in the appropriate place in this document the application number and filing date of our application after execution of this Assignment.

We hereby agree that we will, upon demand of Assignee, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by us.

The Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said patent or patents to Assignee.

14. 11. 2019

Date



Kotaro Ishizaki

14. 11. 2019

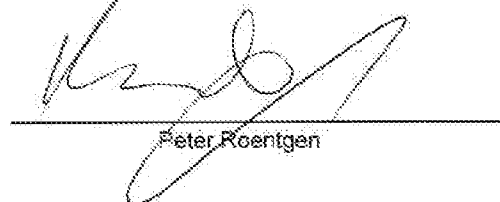
Date



Javier Miguel-Sánchez

15. 11. 2019

Date



Peter Roentgen