

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4397426

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DANIEL J BLUMENTHAL	04/17/2017
HOLGER KLEIN	04/12/2017
PATRICK BYBEE	05/02/2017
TODD CICCHI	04/14/2017
HENRIK POULSEN	04/17/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OE SOLUTIONS AMERICA, INC.
<b>Street Address:</b>	560 SYLVAN AVE. 1ST FLOOR
<b>City:</b>	ENGLEWOOD CLIFFS
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07632
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14947905
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)331-1324
<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>	240-449-7595
<b>Email:</b>	david.in@ichthuslaw.com
<b>Correspondent Name:</b>	ICHTHUS INTERNATIONAL LAW PLLC
<b>Address Line 1:</b>	1101 CONNECTICUT AVE NW SUITE 450
<b>Address Line 4:</b>	WASHINGTON, D.C. 20036
<b>ATTORNEY DOCKET NUMBER:</b>	1010113.0021
<b>NAME OF SUBMITTER:</b>	SUNGYONG IN
<b>SIGNATURE:</b>	/Sungyong In/
<b>DATE SIGNED:</b>	05/03/2017
<b>Total Attachments: 6</b>	
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source=14947905\_US\_Assignment\_AsFiled#page6.tif

UNITED STATES PATENT RIGHTS AND  
ALL FOREIGN PATENT RIGHTS

**ASSIGNMENT**

Name(s) of  
Inventor(s): WHEREAS, I(We)

**Daniel J. BLUMENTHAL, Holger KLEIN, Todd CICCHI, Patrick BYBEE, Henrik  
POULSEN,**

having had previous mailing address at 528 Santa Barbara Street, Santa Barbara, CA 93101  
(Packet Photonics Inc.), (hereinafter referred to as the undersigned) have invented certain  
new and useful improvements in:

Title of  
Invention: **METHOD AND APPARATUS FOR CONTROLLING, MONITORING,  
AND COMMUNICATING WITH TUNABLE OPTICAL DEVICES AND  
SUBSASSEMBLIES**

for which an application for Letters Patent of the United States of America has been executed  
by the undersigned

(U.S. Patent App. No.: **14/947,905**, filed on **November 20, 2015**, which claims priority  
to U.S. provisional patent application No. 62/082,545, filed November 20, 2014, and all  
continuing, continuation, continuation-in-part, divisional, conversion, reissue, extension  
and any child applications thereof), and

Name of  
ASSIGNEE: WHEREAS, **OE SOLUTIONS AMERICA, INC.**

Address of  
ASSIGNEE: **of 560 Sylvan Ave., 1<sup>st</sup> floor, Englewood Cliffs, New Jersey 07632**

its heirs, successors, legal representatives and assigns (hereinafter collectively referred to as  
the ASSIGNEE) is desirous of acquiring the entire right, title, and interest in and to said  
invention and in and to any Letters Patent(s) that may be granted therefor in the United  
States of America, its territorial possessions, and in any foreign countries.

NOW, THEREFORE, FOR GOOD AND VALUABLE CONSIDERRATION, the adequacy and receipt of  
which are hereby acknowledged, the undersigned has (have) sold, assigned, and transferred, and by  
these presents does (do) sell, assign and transfer unto said ASSIGNEE the full and exclusive right to the  
said invention in the United States of America, its territories, dependencies and possessions and the  
entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the  
United States of America, its territories, dependencies, and possessions, and in any and all foreign  
countries (including the right to claim priority under the terms of the International Convention and other  
relevant International Treaties from the aforesaid application(s)), and to any and all divisions, reissues,  
continuations, continuation-in-parts, substitutions, renewals, conversions and extensions thereof for the  
full term or terms for which the same may be granted.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the  
United States of America and its territorial possessions and any and all foreign countries to issue any  
and all of Letters Patent resulting from said application or any continuing, continuation, continuation-  
in-part, divisional, conversion, reissue, extension applications thereof to said ASSIGNEE, as assignee of  
the entire interest and thereby covenant(s) that the undersigned has (have) the full right to convey the  
entire interest herein assigned, and that the undersigned has (have) not executed, and will not execute,  
any agreement in conflict herewith.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, continuation-in-part, divisional, conversion, extension, or reissue applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any proceeding which may arise concerning this application or continuation, continuation-in-part, divisional, conversion, extension or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence in such proceeding.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Intellectual Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the ASSIGNEE and to vest all rights therein hereby conveyed to said ASSIGNEE as fully and entirely as the same would have been held by the undersigned if this Assignment had not been made.

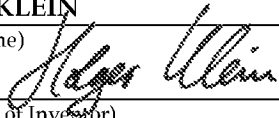
The undersigned hereby grant(s) the law firm of Ichthus International Law, PLLC the power to insert on this Assignment any further identification and/or clarification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Date: \_\_\_\_\_ Name: **Daniel J. BLUMENTHAL**  
(Print Name)

\_\_\_\_\_  
(Signature of Inventor)

Date: 04/12/2017 Name: **Holger KLEIN**  
(Print Name)

  
\_\_\_\_\_  
(Signature of Inventor)

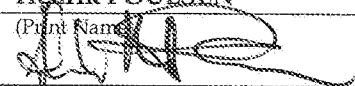
Date: \_\_\_\_\_ Name: **Patrick BYBEE**  
(Print Name)

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_ Name: Todd CICCHI  
(Print Name)

\_\_\_\_\_  
(Signature of Inventor)

Date: 4/17-2017 Name: Henrik POULSEN  
(Print Name)

  
(Signature of Inventor)

Date: 4/14/2017 Name: Todd CICCHI  
(Print Name)  
Todd Cicchi  
(Signature of Inventor)

Date: \_\_\_\_\_ Name: Henrik FOULSEN  
(Print Name)  
\_\_\_\_\_  
(Signature of Inventor)

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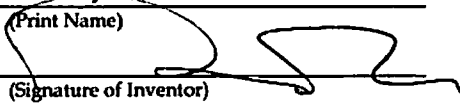
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Date: 4/17/17 Name: Daniel J. BLUMENTHAL  
(Print Name)  
  
(Signature of Inventor)

Date: \_\_\_\_\_ Name: Holger KLEIN  
(Print Name)  
\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_ Name: Patrick BYBEE  
(Print Name)  
\_\_\_\_\_  
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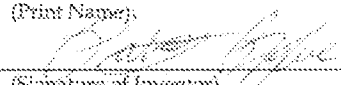
Date: \_\_\_\_\_ Name: **Daniel J. BLUMENTHAL**  
(Print Name)

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_ Name: **Holger KLEIN**  
(Print Name)

\_\_\_\_\_  
(Signature of Inventor)

Date: 05/02/2017 Name: **Patrick BYBEE**  
(Print Name)

  
(Signature of Inventor)