

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Daniel Jacob Blumenthal</td> <td>09/05/2013</td> </tr> <tr> <td>Henrik N. Poulsen</td> <td>09/05/2013</td> </tr> </tbody> </table>		Name	Execution Date	Daniel Jacob Blumenthal	09/05/2013	Henrik N. Poulsen	09/05/2013						
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<table border="1"> <tr> <td>Name:</td> <td>Packet Photonics, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>3905 State Street</td> </tr> <tr> <td>Internal Address:</td> <td>7-286</td> </tr> <tr> <td>City:</td> <td>Santa Barbara</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>93105</td> </tr> </table>		Name:	Packet Photonics, Inc.	Street Address:	3905 State Street	Internal Address:	7-286	City:	Santa Barbara	State/Country:	CALIFORNIA	Postal Code:	93105
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PROPERTY NUMBERS Total: 3													
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CORRESPONDENCE DATA													
<p>Fax Number: 2139955010 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2137858070 Email: elaine.porter@kb-ip.com Correspondent Name: Karish & Bjorgum, PC Address Line 1: 16 N. Marengo Avenue Address Line 2: Suite 307 Address Line 4: Pasadena, CALIFORNIA 91101</p>													
ATTORNEY DOCKET NUMBER:	01252:11737-11-1US												
NAME OF SUBMITTER:	Kristin C. Hiibner												

OP \$120.00 61647522

Signature:	/Kristin C. Hiibner/
Date:	09/06/2013
Total Attachments: 2 source=Executed Assignment#page1.tif source=Executed Assignment#page2.tif	

ASSIGNMENT

WHEREAS, WE, DANIEL JACOB BLUMENTHAL and HENRIK N. POULSEN, both having a business address at 3905 State Street, 7-286, Santa Barbara, CA 93111, have invented certain new and useful improvements disclosed in United States Provisional Patent Application No. 61/647,522, filed on May 16, 2012 and disclosed in an application for United States Letters Patent No. 13/895,745 and PCT Application No. PCT/US2013/041409 both entitled Wavelength Tunable Array For Data Communications, and both filed on May 16, 2013 (the "Patent Applications"), and whereas we are now the co-owners of the rights in the improvements and the Patent Applications.

AND WHEREAS PACKET PHOTONICS, INC., a California Corporation, having a place of business at 3905 State Street, 7-286, Santa Barbara, CA 93105 (hereafter, together with any successors, legal representatives or assigns thereof, called "ASSIGNEE") wants to acquire the entire right, title and interest in and to said improvements and Patent Applications.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to Assignee the entire right, title and interest in and to said improvements and the Patent Applications and all divisions, substitutions, continuations and continuations-in-part thereof, and all United States Letters Patents which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all applications for patents (including related rights such as utility-model registrations, inventor's certificates, and the like) heretofore or hereafter filed for said improvements in any foreign countries, and all patents (including all extensions, renewals and reissues thereof) granted for said improvements in any foreign countries; and we hereby authorize and request the United States Commissioner for Patents and Trademarks, and any officials of foreign countries whose duty it is to issue patents on applications as aforesaid, to issue all patents for said improvements to Assignee in accordance with the terms of this assignment;

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for said improvements in all countries.

ASSIGNMENT

Docket No. 01252:11737.11-1US

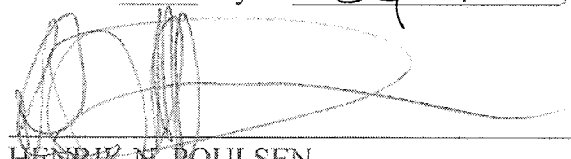
Joint

IN TESTIMONY WHEREOF, I hereunto set my hand this 5 day of Sept.,
20 13



DANIEL JACOB BLUMENTHAL

IN TESTIMONY WHEREOF, I hereunto set my hand this 5 day of Sept.,
20 13.



HENRIK N. POULSEN