

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4945225

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LEE RICHARDSON	01/12/2018
GEORG HEINRICH MOHS	01/12/2018
YUNLU XU	01/11/2018
RICHARD KRAM	01/11/2018
LARA DENISE GARRETT	01/11/2018
JONATHAN M. LISS	01/11/2018
DMITRIY KOVSH	04/19/2018
RECEIVING PARTY DATA	
Name:	TYCO ELECTRONICS SUBSEA COMMUNICATIONS LLC
Street Address:	250 INDUSTRIAL WAY WEST
City:	EATONTOWN
State/Country:	NEW JERSEY
Postal Code:	07724-2296
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15870311
CORRESPONDENCE DATA	
Fax Number:	(603)668-2970
<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>	
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Email:	jhobbs@gtp.com
Correspondent Name:	TCM/GTPP
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Address Line 4:	MANCHESTER, NEW HAMPSHIRE 03101
ATTORNEY DOCKET NUMBER:	TCM327/TE-00477
NAME OF SUBMITTER:	DONALD J. PERREAULT
SIGNATURE:	/DONALD J. PERREAULT/
DATE SIGNED:	05/03/2018

Total Attachments: 4

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COMBINED DECLARATION AND ASSIGNMENT

As a below named and signing inventor, **I hereby declare that:**

this declaration is directed to inventions and improvements disclosed in:

- the attached application, or
 United States application or PCT international application number _____ filed on _____

Entitled: **TECHNIQUES FOR PARAMETER REPORTING OF ELEMENTS IN AN OPTICAL TRANSMISSION SYSTEM USING HIGH LOSS LOOPBACK (HLLB) DATA AND A LINE MONITORING SYSTEM IMPLEMENTING THE SAME** ("the APPLICATION");

the APPLICATION was made or authorized to be made by me;

I believe that I am the original inventor or an original joint inventor of a claimed invention in the APPLICATION;


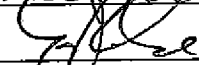


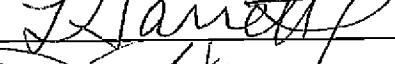
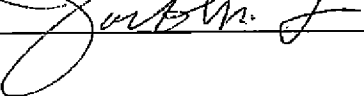
I have reviewed and understand the contents of the APPLICATION, including the claims, and I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56; and

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.

As a below named and signing inventor, acknowledging that I have assigned or have obligations to assign the APPLICATION to:

TYCO ELECTRONICS SUBSEA COMMUNICATIONS LLC ("ASSIGNEE"), a limited liability company duly organized and existing under the laws of the State of Delaware, having its principal place of business at 250 Industrial Way West, Eatontown, NJ 07724-2296, United States of America,

for a valuable consideration, the receipt of which is hereby acknowledged, **I do hereby sell, assign, transfer, and set over unto the said ASSIGNEE, its successors and assigns**, my full and entire right, title and interest in and to the APPLICATION, the inventions and improvements disclosed in the APPLICATION, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries, including all priority rights under the International Convention, and all reissues, re-examinations, renewals or extensions thereof; and I hereby authorize and request the United States Patent and Trademark Office and/or other patent office(s) to issue said Letters Patent to said ASSIGNEE, its successors and assigns, in accordance with this assignment.

Legal Name	Signature	Date
Lee Richardson		1/12/18
Georg Heinrich Mohs		1/12/18
Yunlu Xu		1/11/18
Richard Kram		1/11/18
Lara Denise Garrett		1/11/18
Jonathan M. Liss		2/11/18

COMBINED DECLARATION AND ASSIGNMENT

As a below named and signing inventor, **I hereby declare that:**
this declaration is directed to inventions and improvements disclosed in:

- the attached application, or
- United States application application number 15/870,311 filed on January 12, 2018,

Entitled: **TECHNIQUES FOR PARAMETER REPORTING OF ELEMENTS IN AN OPTICAL TRANSMISSION SYSTEM USING HIGH LOSS LOOPBACK (HLLB) DATA AND A LINE MONITORING SYSTEM IMPLEMENTING THE SAME** (“the APPLICATION”);

the APPLICATION was made or authorized to be made by me;

I believe that I am the original inventor or an original joint inventor of a claimed invention in the APPLICATION;

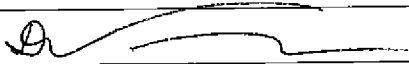
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for a valuable consideration, the receipt of which is hereby acknowledged, **I do hereby sell, assign, transfer, and set over unto the said ASSIGNEE, its successors and assigns**, my full and entire right, title and interest in and to the APPLICATION, the inventions and improvements disclosed in the APPLICATION, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent to be granted and issued therefor, not only for, to and in the United States of America, its territories and possessions, but also for, to and in all other countries, including all priority rights under the International Convention, and all reissues, re-examinations, renewals or extensions thereof; and I hereby authorize and request the United States Patent and Trademark Office and/or other patent office(s) to issue said Letters Patent to said ASSIGNEE, its successors and assigns, in accordance with this assignment.

Legal Name	Signature	Date
Lee Richardson		
Georg Heinrich Mohs		
Yunlu Xu		
Richard Kram		
Lara Denise Garrett		
Jonathan M. Liss		
Dmitriy Kovsh		4/19/2018