

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>Hongbin Zhang</td> <td>03/02/2012</td> </tr> <tr> <td>Hussam G. Batshon</td> <td>03/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hongbin Zhang	03/02/2012	Hussam G. Batshon	03/02/2012
Name	Execution Date						
Hongbin Zhang	03/02/2012						
Hussam G. Batshon	03/02/2012						
RECEIVING PARTY DATA							
Name:	Tyco Electronics Subsea Communications LLC						
Street Address:	412 Mt. Kemble Avenue, Suite 100S						
City:	Morristown						
State/Country:	NEW JERSEY						
Postal Code:	07960						
PROPERTY NUMBERS Total: 2							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13569628</td> </tr> <tr> <td>Application Number:</td> <td>61600989</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13569628	Application Number:	61600989
Property Type	Number						
Application Number:	13569628						
Application Number:	61600989						
CORRESPONDENCE DATA							
Fax Number:	6036682970						
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Email:	jhobbs@gtp.com						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
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Address Line 4:	Manchester, NEW HAMPSHIRE 03101						
ATTORNEY DOCKET NUMBER:	TCM280P AND TCM280						
NAME OF SUBMITTER:	Donald J. Perreault						
Total Attachments: 2 source=TCM280-AssignmentAsFiled080812#page1.tif source=TCM280-AssignmentAsFiled080812#page2.tif							

OP \$80.00 13569628

ASSIGNMENT

WHEREAS, We, **Zhang, Hongbin** and **Batshon, Hussam G.**, made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on **February 20, 2012**, which application was assigned U.S. patent application serial number **61/600,989**, and is entitled:

System and Method Including Modified Bit-Interleaved Coded Modulation

AND, WHEREAS, **Tyco Electronics Subsea Communications LLC**, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 412 Mt. Kemble Avenue, Suite 100S, Morristown, NJ 07960, (hereinafter "Assignee"), is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefore;

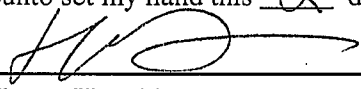
NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, continuations-in-part, or renewals thereof, all Letters Patent which may be granted there from, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed under the Patent Cooperation Treaty, any regional patent offices and in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted there from; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letter Patent for the aforesaid inventions and improvements to the

said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the said improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be;

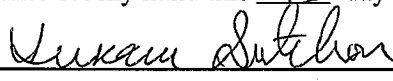
AND, furthermore, we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 2 day of March, 2012.



Zhang, Hongbin

IN TESTIMONY WHEREOF, I have hereunto set my hand this 2 day of March, 2012.



Batshon, Hussam G.