

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>Craig L. Lutgen</td> <td>03/14/2013</td> </tr> <tr> <td>Mahlon D. Kimbrough</td> <td>03/14/2013</td> </tr> </tbody> </table>		Name	Execution Date	Craig L. Lutgen	03/14/2013	Mahlon D. Kimbrough	03/14/2013
Name	Execution Date						
Craig L. Lutgen	03/14/2013						
Mahlon D. Kimbrough	03/14/2013						
RECEIVING PARTY DATA							
Name:	Tellabs Bedford, Inc.						
Street Address:	1415 West Diehl Road						
Internal Address:	MS 16						
City:	Naperville						
State/Country:	ILLINOIS						
Postal Code:	60563						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13829740</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13829740		
Property Type	Number						
Application Number:	13829740						
CORRESPONDENCE DATA							
Fax Number:	9783410136						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	978-341-0036						
Email:	sandra.jammal@hbsr.com						
Correspondent Name:	Mark B. Solomon						
Address Line 1:	530 Virginia Road, P.O. Box 9133						
Address Line 2:	Hamilton Brook Smith Reynolds						
Address Line 4:	Concord, MASSACHUSETTS 01742-9133						
ATTORNEY DOCKET NUMBER:	2376.2534-000 (PB 120031)						
NAME OF SUBMITTER:	Sandra Jammal						
Total Attachments: 3 source=23762534000ASG#page1.tif source=23762534000ASG#page2.tif source=23762534000ASG#page3.tif							

CH \$40.00 13829740

Joint

ASSIGNMENT

WHEREAS, we, **Craig L. Lutgen and Mahlon D. Kimbrough**, have invented a certain improvement in **Method and Apparatus for Identifying a Port in a Passive Optical Network** described in an application for Patent,

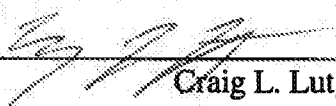
- the specification of which is about to be filed in the United States Patent Office (*use for utility (37 CFR § 1.53(b)) and design filings only*);
- is about to be filed in the United States Patent Office as a Provisional Application;
- the specification of which is United States Application No. _____, filed _____;
- the specification of which is a Patent Cooperation Treaty Application, International Application No. _____, filed _____, which designates the United States of America [and is assigned United States Application No. _____];
- which was patented under United States Patent No. _____.

WHEREAS, **Tellabs Bedford, Inc.** (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the **State of Delaware** and having a usual place of business at **1415 West Diehl Road, MS 16, Naperville, Illinois 60563** desires to confirm its interest therein in accordance with agreements duly entered into with me;

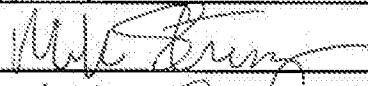
NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for any and all related provisional and nonprovisional, international and national phase applications, including any and all substitution, reissue, divisional, continuation, and continuation-in-part applications, and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein; we hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;


AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any future applications including substitution, reissue, divisional or continuation, continuation-in-part applications, and all related provisional and nonprovisional, international and national phase applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

Inventor  Date 3/14/2023
Craig L. Lutgen

Address 3212 Thorne Hill Ct.
Richardson, Texas 75082

Witness Signature 
Print Witness Name Mike Stengel
Address 1704 Gunnison Drive
Plano, TX 75025

Witness Signature 
Print Witness Name Kevin J. Thompson
Address 429 Goodview Drive South
Hurst TX 76054

Inventor Mahlon D. Kimbrough Date 3-14-2013
Mahlon D. Kimbrough

Address 309 Preston Club Drive
Sherman, Texas 75092

Witness Signature Mike Strenger

Print Witness Name Mike Strenger

Address 1704 Gunnison Drive
Plano, TX 75025

Witness Signature J. Keith Burks

Print Witness Name J. Keith Burks

Address 3104 Willow Bend
Bedford, TX 76021