

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7638319

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LESLIE ROBERT MURRAY	02/28/2019
JAMES J. GAINER	02/28/2019
THOMAS RAY DOBOZY	02/28/2019
RECEIVING PARTY DATA	
Name:	TELLABS ENTERPRISE, INC.
Street Address:	18583 DALLAS PARKWAY
Internal Address:	SUITE 200
City:	DALLAS
State/Country:	TEXAS
Postal Code:	75287
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17178902
CORRESPONDENCE DATA	
Fax Number:	(713)986-7100
<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>	
Phone:	7139867000
Email:	IP@GrayReed.com
Correspondent Name:	GRAY REED
Address Line 1:	1300 POST OAK BLVD.
Address Line 2:	SUITE 2000
Address Line 4:	HOUSTON, TEXAS 77056
ATTORNEY DOCKET NUMBER:	017557.03USC
NAME OF SUBMITTER:	REBECCA R. WALKER
SIGNATURE:	/Rebecca R. Walker/
DATE SIGNED:	11/10/2022
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 6	

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PATENT AND INVENTION RIGHTS ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, LESUE ROBERT MURRAY (the "Assignor") of The Colony, Texas, United States of America, does hereby:

SELL, ASSIGN AND TRANSFER to TELLABS ENTERPRISE, INC. (the "Assignee"), being organized under the laws of the State of Delaware, having a place of business at 18583 North Dallas Parkway, Suite 200, Dallas, Texas 75287, United States of America, the entire right, title and interest for the United States and all foreign countries in and to:

United States Provisional Patent Application Serial No. 62/636,650, titled "Methodology For Efficient Upstream Multicast In PON Networks," and filed on February 28, 2018, such sale, assignment and transfer of the Transferred Rights further including (1) any and all improvements which are disclosed in the such Transferred Rights; (2) all divisional, continuing, continuation-in-part, substitute, renewal, reexamination; reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements or which claim priority to any way to any of the Transferred Rights; (3) any and all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements or the Transferred Rights, specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such Transferred Rights; and (4) the right to recover past damages for infringement of any of the Transferred Rights;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Transferred Rights and improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the Assignor, and that the full right to convey the same as herein expressed is possessed by the Assignor;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the Assignor will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such Transferred Rights and improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the Assignor relating to such Transferred Rights and improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such Transferred Rights and improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such Transferred Rights and improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the Assignor and extend to the successors, assigns and nominees of the Assignee.

Leslie Murray

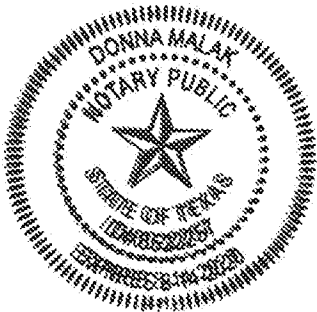
Assignor: LESLIE ROBERT MURRAY

02/28/19

Date

State of TexasCounty of Collin

Before me, the undersigned authority on this 28th day of February, 2019, personally appeared **Leslie Robert Murray** known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to be that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.



[Notary Seal]

Donna Malak

Notary or Consular Officer Signature

PATENT AND INVENTION RIGHTS ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, JAMES J. GAINER (the "Assignor") of Decatur, Texas, United States of America, does hereby:

SELL, ASSIGN AND TRANSFER to TELLABS ENTERPRISE, INC. (the "Assignee"), being organized under the laws of the State of Delaware, having a place of business at 18583 North Dallas Parkway, Suite 200, Dallas, Texas 75287, United States of America, the entire right, title and interest for the United States and all foreign countries in and to:

United States Provisional Patent Application Serial No. 62/636,650, titled "Methodology For Efficient Upstream Multicast In PON Networks," and filed on February 28, 2018, such sale, assignment and transfer of the Transferred Rights further including (1) any and all improvements which are disclosed in the such Transferred Rights; (2) all divisional, continuing, continuation-in-part, substitute, renewal, reexamination; reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements or which claim priority to any way to any of the Transferred Rights; (3) any and all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements or the Transferred Rights, specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such Transferred Rights; and (4) the right to recover past damages for infringement of any of the Transferred Rights;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Transferred Rights and improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the Assignor, and that the full right to convey the same as herein expressed is possessed by the Assignor;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the Assignor will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such Transferred Rights and improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the Assignor relating to such Transferred Rights and improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such Transferred Rights and improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such Transferred Rights and improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the Assignor and extend to the successors, assigns and nominees of the Assignee.

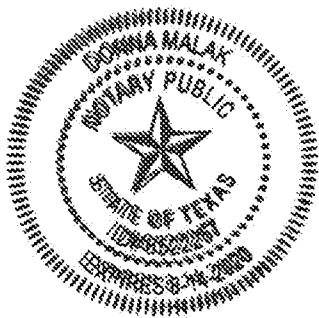
J. J. Gainer
Assignor: JAMES J. GAINER

02/28/2019

Date

State of TexasCounty of Collin

Before me, the undersigned authority on this 28th day of February, 2019, personally appeared James J. Gainer known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to be that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.



[Notary Seal]

Donna Malak
Notary or Consular Officer Signature

PATENT AND INVENTION RIGHTS ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, THOMAS RAY DOBOZY (the "Assignor") of The Colony, Texas, United States of America, does hereby:

SELL, ASSIGN AND TRANSFER to TELLABS ENTERPRISE, INC. (the "Assignee"), being organized under the laws of the State of Delaware, having a place of business at 18583 North Dallas Parkway, Suite 200, Dallas, Texas 75287, United States of America, the entire right, title and interest for the United States and all foreign countries in and to:

United States Provisional Patent Application Serial No. 62/636,650, titled "Methodology For Efficient Upstream Multicast in PON Networks," and filed on February 28, 2018, such sale, assignment and transfer of the Transferred Rights further including (1) any and all improvements which are disclosed in the such Transferred Rights; (2) all divisional, continuing, continuation-in-part, substitute, renewal, reexamination; reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements or which claim priority to any way to any of the Transferred Rights; (3) any and all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements or the Transferred Rights, specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such Transferred Rights; and (4) the right to recover past damages for infringement of any of the Transferred Rights;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such Transferred Rights and improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the Assignor, and that the full right to convey the same as herein expressed is possessed by the Assignor;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the Assignor will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such Transferred Rights and improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the Assignor relating to such Transferred Rights and improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such Transferred Rights and improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such Transferred Rights and improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the Assignor and extend to the successors, assigns and nominees of the Assignee.



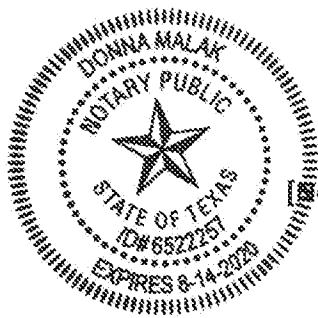
Assignor: THOMAS RAY DOBOZY

02/28/2019

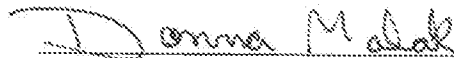
Date

State of Texas)County of Collin)

Before me, the undersigned authority on this 28th day of February, 2019, personally appeared **Thomas Ray Dobozy** known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to be that he/she executed the same of his/her own free will for the purposes and consideration therein expressed.



[Notary Seal]



Notary or Consular Officer Signature