

Form PTO-1595 (Rev. 08/05)  
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Doc Code:

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## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Paul Toliver

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) 09/05/2006

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**Name: Telcordia Technologies, Inc.

Internal Address: \_\_\_\_\_

Street Address: One Telcordia Drive 5G116City: PiscatawayState: NJCountry: US Zip: 08854Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/517,983

B. Patent No.(s)

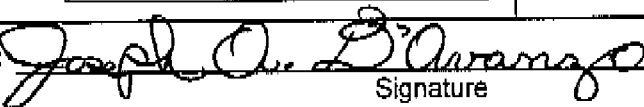
Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Joseph A. D'AvanzoInternal Address: Telcordia Technologies, Inc.Street Address: One Telcordia Drive 5G116City: PiscatawayState: NJ Zip: 08854Phone Number: (732) 699-3673Fax Number: (732) 336-3004Email Address: jdavanzo@telcordia.com**6. Total number of applications and patents involved:**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number 021822Authorized User Name Joseph A. D'Avanzo**9. Signature:**

Signature

11/7/07  
Date

Joseph A. D'Avanzo

Name of Person Signing

Total number of pages including cover

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

Atty. Docket: APP 1550

**ASSIGNMENT OF APPLICATION**

**WHEREAS**, I/we, **Paul Toliver** have invented certain useful improvements in "**Polarization Envelope Modulation for Signaling and Labeling in Optical Networks**" described in an application for Letters Patent; and

**WHEREAS**, I/we, hereby authorize and request my/our attorney to insert below the filing date and application number when they become known to comply with 37 CFR 3.21 for recordal of this assignment:  
U. S. Application No.: 11/517,983 filed on September 8, 2007 and

**WHEREAS**, Telcordia Technologies, Inc., a corporation of the State of Delaware, having a place of business at One Telcordia Drive, Piscataway, NJ 08854-4157, United States of America, for the benefit of itself and its successors and assigns, all inclusively hereinafter referred to as "Assignee", is desirous of acquiring all rights, title, and interest in and to said application, all inventions disclosed therein, and any and all Letters Patent of the United States of America, and of all other countries, which may be granted for said inventions, or any of them; and

**WHEREAS**, I/we hereby represent and warrant to Assignee that I/we have, with respect to third parties, full and unencumbered rights, title, and interest in and to said application, inventions, and Letters Patent, and further that I/we may freely assign the same;

**NOW, THEREFORE**, for good and valuable consideration, the receipt of which from Assignee is hereby acknowledged, I/we do hereby sell, assign, and transfer to Assignee all my/our rights, title, and interest in and to said application, including all priority rights arising therefrom, all inventions disclosed therein, and all divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and of all other countries, and all reissues thereof, which may be granted for said inventions, or any of them, together with the right to make application for any and all of the same;

**TO HAVE, HOLD, AND ENJOY** said inventions, said application and rights, and said Letters Patent, or any of them, to its own use and behoof to the full end of the term or terms for which said applications may endure and for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment not been made;

**AND I/WE HEREBY** authorize and request the Commissioner of Patents and Trademarks to issue or reissue such Letters Patent as may be granted on said application, on any division or continuation thereof, or for said inventions, or any of them, to Assignee in accordance with the terms of this instrument;

**AND I/WE HEREBY** agree that I/we shall, at the request of Assignee and without demand of further consideration, but at no expense to me/us, do all lawful and just acts, including execution and acknowledgment of instruments, furnishing information, and giving testimony, particularly in the event of interference or litigation, indicated by counsel for Assignee to be necessary for obtaining, maintaining, and perfecting the property rights, or any of them, hereby assigned.

**IN WITNESS WHEREOF**, I/we hereunto set my/our hand and seal on the day and year indicated.

Paul Toliver  
Paul Toliver

Date: 9/5/2006

County of Monmouth

ss

State of New Jersey

Then personally appeared before me on the indicated date(s) the above-named **Paul Toliver**, to me personally known and known by me to be the person(s) described in and who executed the foregoing instrument, and acknowledged the same, before me, to be his/her/their own free act and deed.

9.5.06

Date

Norah C. Stewart  
NOTARY PUBLIC

NORAH C. STEWART  
NOTARY PUBLIC  
STATE OF NEW JERSEY  
MY COMMISSION EXPIRES FEB. 20, 2007

**PATENT**

**REEL: 020107 FRAME: 0368**

**CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)**

Applicant(s):

Docket No.

APP 1550

Application No.

11/517,983

Filing Date

09/08/2006

Examiner

Group Art Unit

2613

Invention: **Polarization Envelope Modulation for Signaling and Labeling in Optical Networks**

I hereby certify that this

PTO Form 1595 and Assignment of Application*(Identify type of correspondence)*is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. (571) 273-0140)on November 7, 2007*(Date)*Lisa Heubach*(Typed or Printed Name of Person Signing Certificate)**(Signature)***Note: Each paper must have its own certificate of mailing.****PATENT****RECORDED: 11/13/2007****REEL: 020107 FRAME: 0369**