

Docket No.: APP 1841

FORM PTO-1595 (Modified)
(Rev. 08-06)
OMB No. 0551-0027 (exp. 6/30/2008)
P08/REV05

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

PATENTS ONLY

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

1. Name of conveying party(ies):

Michael A. Reina
Praveen Katiyar
Shakil H. Siddique
Rama Sreedhara
Alka Srivastava

Additional names(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): 8/28/08, 8/29/08, 8/28/08, 8/28/08, 9/10/08

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

4. Application or patent numbers(s):

A. Patent Application No.(s)

12/164,989

Additional numbers attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Telcordia Technologies, Inc.

Internal Address: _____

Street Address: One Telcordia Drive 5G116City: PiscatawayState: New JerseyCountry: US ZIP: 08854Additional name(s) & address(es) attached? ☐ Yes ☒ No☐ This document is being filed together with a new application.

B. Patent No.(s)

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: New Jersey ZIP: 08854-4157Phone Number: (732) 699-3673Fax Number: (732) 336-3004Email Address: jdavanzo@telcordia.com6. Total number of applications and patents involved: 17. 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:

Joseph A. D'Avanzo
Signature

Joseph A. D'Avanzo

Name of Person Signing

9/16/08
Date

Total number of pages including cover sheet, attachments, and document:

5

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-7400

PATENT

700384561

REEL: 021539 FRAME: 0295

CH \$40.00 021822 12164989

Docket No.: APP 1841

FORM PTO-1585 (Modified)
(Rev. 08-05)
OMB No. 0681-0027 (exp. 6/30/2008)
P08/REV05

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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

1. Name of conveying party(ies):

Beverly N. Meyers
Dean Rader
Sriam Subramanian
Maria Croat

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

Execution Date(s): 9/12/08, 9/10/08, 9/16/08, 9/10/08

- ☐ 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: _____

Internal Address: _____

Street Address: _____

City: _____

State: _____

Country: _____ ZIP: _____

Additional name(s) & address(es) attached? ☐ Yes ☐ No**4. Application or patent numbers(s):**

A. Patent Application No.(s)

12/164,989

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☐ No**5. Name and address to whom correspondence concerning document should be mailed:**

Name: _____

Internal Address: _____

Street Address: _____

City: _____

State: _____ ZIP: _____

Phone Number: _____

Fax Number: _____

Email Address: _____

6. Total number of applications and patents involved: _____**7. Total fee (37 CFR 1.21(h) & 3.41):** \$ _____

- ☐ 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 _____

Authorized User Name _____

9. Signature:

Signature

Date

Name of Person Signing

Total number of pages including cover sheet, attachments, and document: 1

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PATENT
REEL: 021539 FRAME: 0296

Atty. Docket: APP 1841

ASSIGNMENT OF APPLICATION

WHEREAS, I/we, Michael A. Reina, Praveen Katiyar, Shakil H. Siddique, Rama Sreedhara, Alka Srivastava, Beverly N. Meyers, Dean Rader, Sriam Subramanian and Maria Croat have invented certain useful improvements in "OSS Support for Control Plane Technology" 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. 12/164,989 filed on June 30, 2008; 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.

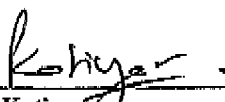
IN WITNESS WHEREOF, I/we hereunto set my/our hand on the day and year indicated.


Michael A. Reina

Date: 8/28/08

Atty. Docket: APP 1841

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


Praveen KatiyarDate: 8/29/08

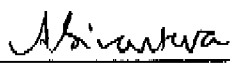
IN WITNESS WHEREOF, I/we hereunto set my/our hand on the day and year indicated.


Shakil H. SiddiqueDate: 8/28/08


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


Rama SreedharaDate: 8/28/08

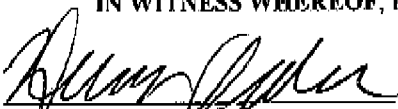
IN WITNESS WHEREOF, I/we hereunto set my/our hand on the day and year indicated.


Alka SrivastavaDate: 9/10/08

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


Beverly N. MeyersDate: 7/12/08

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



Dean RaderDate: 9/16/2008

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


Sriam SubramanianDate: 9/16/2008

Atty. Docket: APP 1841

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


Maria Croat

Date: 9/10/08

