

Form PTO-1595 (Rev. 08/05)
OMB No. 0651-0027 (exp. 6/30/2008)

Doc Code:

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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)

Ashutosh Dutta
Subir Das
Donald R. Lukacs

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

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

Execution Date(s) 06/14/06, 06/30/06, 07/19/06

- ☒ 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 5G116

City: Piscataway

State: NJ

Country: USA Zip: 08854

Additional 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)

11/436,742

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Philip J. Feig

Internal Address: Telcordia Technologies, Inc.

Street Address: One Telcordia Drive 5G116

City: Piscataway

State: NJ Zip: 08854

Phone Number: (732) 699-7997

Fax Number: (732) 336-3004

Email Address: pfeig@telcordia.com

6. Total number of applications and patents involved:

1

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 021822

Authorized User Name Joseph A. D'Avanzo

9. Signature:

Joseph A. D'Avanzo
Signature

8/7/06
Date

Joseph A. D'Avanzo

Name of Person Signing

Total number of pages including cover

8

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

1. Name of conveying party(ies)/Execution Date(s):

Tao Zhang	Execution Date: 06/19/06
David C. Shrader	Execution Date: 06/16/06
Raquel Morera Sempere	Execution Date: 06/16/06
Stephanie Demers	Execution Date: 07/19/06
Bryan J. Lyles	Execution Date: 06/16/06
James D. Alfieri	Execution Date: 06/14/06

2. Name and address of receiving party(ies)

Name: Telcordia Technologies, Inc.

Street Address: One Telcordia Drive 5G116

City: Piscataway

State: NJ

Country: USA Zip 08854-4157

Atty. Docket: APP 1630

ASSIGNMENT OF APPLICATION

WHEREAS, I/we, **Ashutosh Dutta, Subir Das, Donald R. Lukacs, Tao Zhang, David C. Shrader, Raquel Morera Sempere, Stephanie Demers, Bryan J. Lyles and James D. Alfieri** have invented certain useful improvements in **"Seamless Handoff Across Heterogeneous Access Networks Using a Handoff Controller in a Service Control Point"** 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. 11/436,742 filed on May 18, 2006; 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.

Ashutosh Dutta
Ashutosh Dutta

Date:

06/14/06

County of Middlesex

ss:

State of NJ

Then personally appeared before me on the indicated date(s) the above-named **Ashutosh Dutta** 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.

6/14/2006
Date

VIVIAN AUSTIN
A Notary Public of New Jersey
My Commission Expires June 30, 2010

Vivian Austin
NOTARY PUBLIC

PATENT

REEL: 018068 FRAME: 0007

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

Subir Das
Subir Das

Date: 06/30/2006

County of Middlesex

ss:

State of NJ

Then personally appeared before me on the indicated date(s) the above-named **Subir Das** 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.

6/30/06
Date

VIVIAN AUSTIN
A Notary Public of New Jersey
My Commission Expires June 30, 2010

Vivian Austin
NOTARY PUBLIC

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

Donald R. Lukacs
Donald R. Lukacs

Date: 7/19/06

County of Monmouth

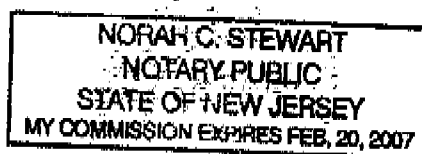
ss:

State of NJ


Then personally appeared before me on the indicated date(s) the above-named **Donald R. Lukacs** 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.

7/19/06
Date

Norah C. Stewart
NOTARY PUBLIC



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


Tao Zhang

Date: 6/19/2006

County of Middlesex

ss:

State of NJ

Then personally appeared before me on the indicated date(s) the above-named **Tao Zhang** 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.

6/19/2006
Date

VIVIAN AUSTIN
A Notary Public of New Jersey
My Commission Expires June 30, 2010


NOTARY PUBLIC



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


David C. Shrader

Date: 6/16/06

County of Middlesex

ss:

State of NJ

Then personally appeared before me on the indicated date(s) the above-named **David C. Shrader** 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.

6/16/06
Date

VIVIAN AUSTIN
A Notary Public of New Jersey
My Commission Expires June 30, 2010


NOTARY PUBLIC



Raquel Morera
Raquel Morera Sempere

Date: 06/16/06

County of Middlesex

ss:

State of NJ

Then personally appeared before me on the indicated date(s) the above-named **Raquel Morera Sempere** 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.

6/16/06
Date

VIVIAN AUSTIN
A Notary Public of New Jersey
My Commission Expires June 30, 2010

Vivian Austin
NOTARY PUBLIC

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

Stephanie Demers
Stephanie Demers

Date: 7/19/06

County of Monmouth

ss:

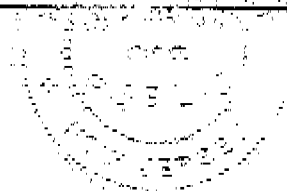
State of NJ

Then personally appeared before me on the indicated date(s) the above-named **Stephanie Demers** 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.

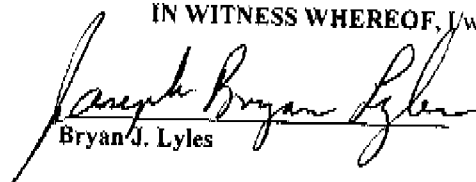
7/19/06
Date

Norah C Stewart
NOTARY PUBLIC

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



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


Bryan J. Lyles

Date: 6/16/2006

County of Middlesex

SS:

State of NJ

Then personally appeared before me on the indicated date(s) the above-named **Bryan J. Lyles** 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.

6/16/06
Date

VIVIAN AUSTIN
A Notary Public of New Jersey
My Commission Expires June 30, 2010


NOTARY PUBLIC

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


James D. Alfieri

Date: 6/14/2006

County of Middlesex

SS:

State of NJ

Then personally appeared before me on the indicated date(s) the above-named **James D. Alfieri** 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.

6/14/06
Date

VIVIAN AUSTIN
A Notary Public of New Jersey
My Commission Expires June 30, 2010


NOTARY PUBLIC

CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8)Applicant(s): **Ashutosh Dutta et al**

Docket No.

APP 1630

Application No.

11/436,742

Filing Date

05/18/2006

Examiner

Group Art Unit

2617

Invention: **Seamless Handoff Across Heterogeneous Access Networks Using a Handoff Controller in a Service Control Point**

I hereby certify that this PTO Form 1590 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

August 7, 2006
(Date)

Vivian Austin

(Typed or Printed Name of Person Signing Certificate)

Vivian Austin
(Signature)

Note: Each paper must have its own certificate of mailing.

PATENT