

02-09-2006

RE

R SHEET

1/31/06



103176486

To the Honorable Commissioner

Attached original documents or copy thereof.

1. Name of conveying party(ies)

Roozbeh Ghorishi (executed: January 28, 2006)
 David S. Holland (executed: January 30, 2006)
 William Melaragni (executed: January 27, 2006)
 Wayne Bortman (executed: January 27, 2006)
 Kenneth J. O'Connor, III (executed: January 30, 2006)

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

2. Name and address of receiving party(ies)

Name: Avaya Technology LLC

Internal Address: _____

Street Address: 211 Mount Airy RoadCity: Basking Ridge State: New Jersey ZIP: 07920Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: Please See Box 1

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 01/27/06, 01/30/06, 01/27/06, 01/27/06 and 01/30/06

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: David W. Rouille, Esq.

Internal Address: _____

Chapin Intellectual Property Law, LLCStreet Address: Westborough Office Park1700 West Park DriveCity: Westborough State: MA ZIP: 015816. Total number of applications and patents involved: ☒ 17. Total Fee (37 C.F.R. 3.41)..... \$ 40.00

☒ Enclosed with application filing fee
☒ Authorized to charge any deficiencies or credit any overpayment to deposit account
☐ Authorized to be charged to deposit account

8. Deposit account number:

50-3735

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David W. Rouille, Esq.

Name of Person Signing

David W. Rouille

Signature

January 31, 2006

Date

Total number of pages including cover sheet, attachments, and document: [36]

02/02/2006 JBALINAN 00000064 11344430

05 FC:8021

40.00 OP

PATENT
 REEL: 017533 FRAME: 0452

ASSIGNMENT

WHEREAS, we, Roozbeh Ghorishi, David S. Holland, William Melaragni, Wayne Bortman and Kenneth J. O'Connor, III have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled **PROCEDURE AND MECHANISMS FOR CONTROL AND BEARER REDUNDANCY OF TDM-BASED SERVICE PROVIDER CONNECTIONS**, the specification of which:

- ☒ is being executed on even date herewith and is about to be filed in the United States Patent Office;
- ☐ was filed on _____ as U.S. Application No. _____;
- ☐ was patented under U.S. Patent No. _____ on _____.

WHEREAS, Avaya Technology LLC (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware and having a usual place of business at 211 Mount Airy Road, Basking Ridge, New Jersey 07920 desires to acquire an interest therein in accordance with agreements duly entered into with us;

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 thereon; 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 to ASSIGNEE 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 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;

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 substitution, reissue, divisional or continuation 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 the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

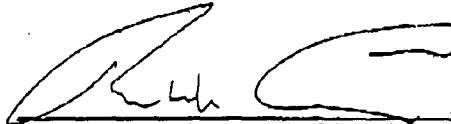
IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

JAN.30.2006 10:58AM 732 817 5942

NO.181 P.3/3

PATENT/Joint Assignment
Attorney Docket No.: AVE05-07

Date:

1/28/2006

Inventor's Signature

Print full name of first inventor:

Roozbeh Ghorishi

Residence:

28 Cutler Farm Road, Sudbury, MA 01776

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of
COUNTY OFMassachusetts
Worcester

On this 28th day of January, 2006, then personally appeared before me the above-named Roozbeh Ghorishi known to me through satisfactory evidence of identification ☐ employee identification card; ☒ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.


Notary Public

Print Name:

Cecille A. Andrade, Notary Public
Commonwealth of Massachusetts
My Commission Expires 5/8/2009

Date: _____

Inventor's Signature

Print full name of second inventor:

David S. Holland

Residence:

7 Campbell Court, Rutland, MA 01543

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of _____
COUNTY OF _____

On this _____ day of _____, 2006, then personally appeared before me the above-named _____ known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires ____ / ____ / ____

Date: _____

Inventor's Signature

Print full name of third inventor:

William Melaragni

Residence:

30 Russet Road, Billerica, MA 01821

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of _____
COUNTY OF _____

On this _____ day of _____, 2006, then personally appeared before me the above-named _____ known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires ____ / ____ / ____

Date: _____

Inventor's Signature

Print full name of third inventor:

Wayne Bortman

Residence:

18 Van Ness Avenue, Shrewsbury, MA
01545

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of _____
COUNTY OF _____

On this _____ day of _____, 2006, then personally appeared before me the above-named _____ known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires ____ / ____ / ____

Date: _____

Inventor's Signature

Print full name of third inventor:

Kenneth J. O'Connor, III

Residence:

20 Sweeney Ridge Road, Bedford, MA
01730

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of _____
COUNTY OF _____

On this _____ day of _____, 2006, then personally appeared before me the above-named _____ known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires ____ / ____ / ____

ASSIGNMENT

WHEREAS, we, Roozbeh Ghorishi, David S. Holland, William Melaragni, Wayne Bortman and Kenneth J. O'Connor, III have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled **PROCEDURE AND MECHANISMS FOR CONTROL AND BEARER REDUNDANCY OF TDM-BASED SERVICE PROVIDER CONNECTIONS**, the specification of which:

- ☒ is being executed on even date herewith and is about to be filed in the United States Patent Office;
- ☐ was filed on _____ as U.S. Application No. _____;
- ☐ was patented under U.S. Patent No. _____ on _____.

WHEREAS, Avaya Technology LLC (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware and having a usual place of business at 211 Mount Airy Road, Basking Ridge, New Jersey 07920 desires to acquire an interest therein in accordance with agreements duly entered into with us;

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 thereon; 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 to ASSIGNEE 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 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;

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 substitution, reissue, divisional or continuation 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 the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

Date: _____

Inventor's Signature

Print full name of first inventor: Roozbeh Ghorishi
Residence: 28 Cutler Farm Road, Sudbury, MA 01776
Citizenship: United States of America
Mailing Address: Same as above

STATE/Commonwealth of _____
COUNTY OF _____

On this _____ day of _____, 2006, then personally appeared before me the above-named _____ known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires ____ / ____ / ____

Date: JAN 30, 2006

David S. Holland
Inventor's Signature

Print full name of second inventor: David S. Holland
Residence: 7 Campbell Court, Rutland, MA 01543
Citizenship: United States of America
Mailing Address: Same as above

STATE/Commonwealth of _____
COUNTY OF _____

On this _____ day of _____, 2006, then personally appeared before me the above-named _____ known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name: _____

My Commission expires ____ / ____ / ____

Date: _____

Inventor's Signature

Print full name of third inventor:

William Melaragni

Residence:

30 Russet Road, Billerica, MA 01821

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of _____
COUNTY OF _____

On this _____ day of _____, 2006, then personally appeared before me the above-named _____ known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires ____ / ____ / ____

Date: _____

Inventor's Signature

Print full name of third inventor:

Wayne Bortman

Residence:

18 Van Ness Avenue, Shrewsbury, MA
01545

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of _____
COUNTY OF _____

On this _____ day of _____, 2006, then personally appeared before me the above-named _____ known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires ____ / ____ / ____

Date: _____

Inventor's Signature

Print full name of third inventor:

Kenneth J. O'Connor, III

Residence:

20 Sweeney Ridge Road, Bedford, MA
01730

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of _____
COUNTY OF _____

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- ☐ was patented under U.S. Patent No. _____ on _____.

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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 thereon; 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 to ASSIGNEE 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 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;

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

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Date: _____

Inventor's Signature

Print full name of first inventor: Roozbeh Ghorishi
Residence: 28 Cutler Farm Road, Sudbury, MA 01776
Citizenship: United States of America
Mailing Address: Same as above

STATE/Commonwealth of _____
COUNTY OF _____

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Notary Public

Print Name:

My Commission expires ____ / ____ / ____

Date: _____

Inventor's Signature

Print full name of second inventor:

David S. Holland

Residence:

7 Campbell Court, Rutland, MA 01543

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of _____
COUNTY OF _____

On this _____ day of _____, 2006, then personally appeared before me the above-named _____ known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires ____ / ____ / ____

Date: 27-Jan-2006

William Melaragni
Inventor's Signature

Print full name of third inventor: William Melaragni
Residence: 30 Russet Road, Billerica, MA 01821
Citizenship: United States of America
Mailing Address: Same as above

STATE/COMMONWEALTH OF _____
COUNTY OF _____

On this _____ day of _____, 2006, then personally appeared before me the above-named _____ known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires ____ / ____ / ____

Date: _____

Inventor's Signature

Print full name of third inventor:

Wayne Bortman

Residence:

18 Van Ness Avenue, Shrewsbury, MA
01545

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of _____
COUNTY OF _____

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Notary Public

Print Name:

My Commission expires ____ / ____ / ____

-6-

Attorney Docket No. AVE05-07

Date: _____

Inventor's Signature

Print full name of third inventor:

Kenneth J. O'Connor, III

Residence:

20 Sweeney Ridge Road, Bedford, MA
01730

Citizenship:

United States of America

PATENT

REEL: 017533 FRAME: 0472

Date: _____

Inventor's Signature

Print full name of third inventor:

Wayne Bortman

Residence:

18 Van Ness Avenue, Shrewsbury, MA
01545

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of _____

COUNTY OF _____

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Notary Public

Print Name:

My Commission expires ____ / ____ / ____

Date: _____

Inventor's Signature

Print full name of third inventor:

Kenneth J. O'Connor, III

Residence:

20 Sweeney Ridge Road, Bedford, MA
01730

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of _____
COUNTY OF _____

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Notary Public

Print Name:

My Commission expires ____ / ____ / ____

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- ☒ is being executed on even date herewith and is about to be filed in the United States Patent Office;
- ☐ was filed on _____ as U.S. Application No. _____;
- ☐ was patented under U.S. Patent No. _____ on _____.

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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 thereon; 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 to ASSIGNEE 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 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;

01/27/2006 17:12 9784758930

SAND VIDEO

PAGE 05

PATENT/Joint Assignment
Attorney Docket No.: AVE05-07

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 substitution, reissue, divisional or continuation 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;

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Date: _____

Inventor's Signature

Print full name of first inventor:

Roozbeh Ghorishi

Residence:

28 Cutler Farm Road, Sudbury, MA 01776

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of _____
COUNTY OF _____

On this _____ day of _____, 2006, then personally appeared before me the above-named _____ known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires ____ / ____ / ____

Date: _____

Inventor's Signature

Print full name of second inventor:

David S. Holland

Residence:

7 Campbell Court, Rutland, MA 01543

Citizenship:

United States of America

Mailing Address:

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COUNTY OF _____

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Notary Public

Print Name:

My Commission expires ____ / ____ / ____

Date: _____

Inventor's Signature

Print full name of third inventor:

William Melaragni

Residence:

30 Russet Road, Billerica, MA 01821

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of _____
COUNTY OF _____

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Notary Public

Print Name:

My Commission expires ____ / ____ / ____

01/27/2006 17:12 9784758930

SAND VIDEO

PAGE 07

PATENT/Joint Assignment
Attorney Docket No.: AVE05-07

Date: 1/27/06

Wayne Bortman
Inventor's Signature

Print full name of third inventor:

Wayne Bortman

Residence:

18 Van Ness Avenue, Shrewsbury, MA
01545

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of _____
COUNTY OF _____

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Notary Public

Print Name:

My Commission expires ____ / ____ / ____

Date: _____

Inventor's Signature

Print full name of third inventor:

Kenneth J. O'Connor, III

Residence:

20 Sweeney Ridge Road, Bedford, MA
01730

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of _____

COUNTY OF _____

On this _____ day of _____, 2006, then personally appeared before me the above-named _____ known to me through satisfactory evidence of identification ☐ employee identification card; ☐ driver's license; ☐ (other) _____ to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained.

Notary Public

Print Name:

My Commission expires ____ / ____ / ____

ASSIGNMENT

WHEREAS, we, Roozbeh Ghorishi, David S. Holland, William Melaragni, Wayne Bortman and Kenneth J. O'Connor, III have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled **PROCEDURE AND MECHANISMS FOR CONTROL AND BEARER REDUNDANCY OF TDM-BASED SERVICE PROVIDER CONNECTIONS**, the specification of which:

- ☒ is being executed on even date herewith and is about to be filed in the United States Patent Office;
- ☐ was filed on _____ as U.S. Application No. _____;
- ☐ was patented under U.S. Patent No. _____ on _____.

WHEREAS, Avaya Technology LLC (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware and having a usual place of business at 211 Mount Airy Road, Basking Ridge, New Jersey 07920 desires to acquire an interest therein in accordance with agreements duly entered into with us;

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 thereon; 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 to ASSIGNEE 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 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;

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 substitution, reissue, divisional or continuation 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 the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

Date: _____

Inventor's Signature

Print full name of first inventor:

Roozbeh Ghorishi

Residence:

28 Cutler Farm Road, Sudbury, MA 01776

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of _____
COUNTY OF _____

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Notary Public

Print Name:

My Commission expires ____ / ____ / ____

Date: _____

Inventor's Signature

Print full name of second inventor: David S. Holland
Residence: 7 Campbell Court, Rutland, MA 01543
Citizenship: United States of America
Mailing Address: Same as above

STATE/Commonwealth of _____
COUNTY OF _____

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Notary Public

Print Name:

My Commission expires ____ / ____ / ____

Date: _____

Inventor's Signature

Print full name of third inventor:

William Melaragni

Residence:

30 Russet Road, Billerica, MA 01821

Citizenship:

United States of America

Mailing Address:

Same as above

STATE/Commonwealth of _____
COUNTY OF _____

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Notary Public

Print Name:

My Commission expires ____ / ____ / ____

Date: _____

Inventor's Signature

Print full name of third inventor:

Wayne Bortman

Residence:

18 Van Ness Avenue, Shrewsbury, MA
01545

Citizenship:

United States of America

Mailing Address:

Same as above

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COUNTY OF _____


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Notary Public

Print Name:

My Commission expires ____ / ____ / ____

Date: 1/30/06


Inventor's Signature

Print full name of third inventor: Kenneth J. O'Connor, III
Residence: 20 Sweeney Ridge Road, Bedford, MA
01730
Citizenship: United States of America
Mailing Address: Same as above

STATE/Commonwealth of _____
COUNTY OF _____

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Notary Public

Print Name:

My Commission expires ____ / ____ / ____

-7-

Feb. 27 2005 06:44PM P1

FAX NO. :

FROM :

Received Fax : Jan 30 2006 12:00 FAX Station : CHAPIN#INTELLECTUAL#PROPERTY#LAW#LLC

RECORDED: 01/31/2006

PATENT
REEL: 017533 FRAME: 0488