

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copies thereof:

1. Name of Conveying Party or Parties:

- 1. Kenichi Taniuchi    2. Tao Zhang    3. Prathima Agrawal
- 4. Ashutosh Dutta    5. Sunil Madhani    6. Shinichi Baba
- 7. Kensaku Fujimoto    8. Yasuhiro Katsube
- 9. Toshikazu Kodama    10. Yoshihiro Ohba

Additional Names of conveying party or parties attached?

Yes     No

2. Name and address of receiving party or parties:

Toshiba America Research, Inc.  
1 Telcordia Dr., Suite 1A257  
Piscataway, NJ

Telcordia Inc.  
1 Telcordia Dr., Suite 05G0116  
Piscataway, NJ

Additional Name(s) and address(es) attached?  Yes     No

3. Nature of Conveyance:

- Assignment                       Merger
- Security Agreement               Change of Name
- Other \_\_\_\_\_

Execution Date: 1., 2., 3., & 4. November 30, 2004;  
5. December 2, 2004; 6. September 28, 2004; 7. December 1, 2004;  
8. December 6, 2004; 9. December 7, 2004; 10. December 6, 2004

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: \_\_\_\_\_

A. Patent Application Number(s):

10/895,411

Additional Numbers attached?  Yes     No

B. Patent Number(s):

n/a

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

Joseph M. Potenza  
Banner & Witcoff, Ltd.  
1001 G Street, N.W., Suite 1100  
Washington, D.C. 20001-4597

6. Total Number of Applications and patents involved:

7. Total fee (37 CFR 3.41) ..... \$ 40.00

- Enclosed
- Authorized to be charged to deposit account\*
- Please charge or credit our deposit account for any additional or refunded fees associated with recording this assignment

8. Deposit Account No.:

19-0733

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.*

Christopher R. Glembocki, Reg. No. 38,800

/Christopher R. Glembocki/

April 5, 2005

Name of Person Signing

Signature

Date

04/07/2005 ECOOPER 00000228 190733 10895411

Total Number of Pages including Cover Sheet: 6

01 FC:8021

40.00 DA

**ASSIGNMENT**

WHEREAS, we, Kenichi Taniuchi, a citizen of Japan, residing at 41 Whitehall Ct., Hillsborough, NJ; Tao Zhang, a citizen of United States, residing at 247 Harmon Ave., Fort Lee, NJ; Prathima Agrawal, a citizen of United States, residing at 40 Colchester Rd., new Providence, NJ; Ashutosh Dutta, a citizen of United States, residing at 349 Green Field Rd., Bridgewater, NJ; Sunil Madhani, a citizen of India, residing at 320 South St., Morristown, NJ; Shinichi Baba, a citizen of Japan, residing at 354 Santa Louisa, Irvine, CA; Kensaku Fujimoto, a citizen of Japan, residing at 804 Porter Way W, Bridgewater, NJ; Yasuhiro Katsube, a citizen of Japan, residing at 636 Old Mill Rd., Franklin Lakes, NJ; Toshikazu Kodama, a citizen of Japan, residing at 30 Cattano Ave., Apt.# 523, Morristown, NJ; Yoshihiro Ohba, a citizen of Japan, residing at 4602 Highgrove Ave., Torrance, CA; (Assignors) have invented a **SECURE AND SEAMLESS WAN-LAN ROAMING** for which an application for a Patent of the United States was filed in the U.S. Patent Office under Serial No. 10/895,411 on July 21, 2004; and

WHEREAS, Toshiba America Research Inc., having a place of business at 1 Telcordia Dr., Suite 1A257, Piscataway, NJ and Telcordia Inc., having a place of business at 1 Telcordia Dr., Suite 05G0116, Piscataway, NJ, hereinafter the Assignees, are desirous of confirming that it has already been assigned, or, if not already assigned, are desirous of acquiring the entire worldwide legal and beneficial right, title and interest in and to the aforesaid invention, in and to the aforesaid application and in and to any Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof anywhere in the world which may be granted for said invention, including the right to claim priority of the respective United States Patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the aforesaid Kenichi Taniuchi, Tao Zhang, Prathima Agrawal, Ashutosh Dutta, Sunil Madhani, Shinichi Baba, Kensaku Fujimoto, Yasuhiro Katsube, Toshikazu Kodama, and Yoshihiro Ohba by these presents do confirm that we did sell, assign and transfer or, if not already done so, do sell, assign and transfer unto Toshiba America Research Inc. and unto Telcordia Inc., thier successors, legal representatives and assigns, the full, exclusive and worldwide right in and to said invention as described in said application, in and to the aforesaid application and in and to any Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof anywhere in the world which may be granted for said invention and in and to any and all divisions, reissues, continuations, extensions and renewals thereof, including the right to claim priority of the respective United States Patent application;

AND WE HEREBY agree that the said Assignees may apply for and receive Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof anywhere in the world for said invention in its own name, we further authorize and request the Commissioner of Patents and Trademarks or any other proper officer or agency of any country to record this assignment and issue all said Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof to said Assignee;

AND WE HEREBY warrant and covenant that we either had or do have the full right to convey the entire interest herein assigned at the time of the sale, assignment and transfer;

AND WE HEREBY warrant and covenant that we have not executed and will not execute any instrument or assignment in conflict herewith;

AND WE HEREBY agree to communicate to said assignees or their representatives any facts known to us respecting said invention, to execute all divisional, continuation, renewal, reissue and foreign applications, sign all lawful documents and make all rightful oaths and declarations relating to said invention, sign all lawful documents which the Assignees shall consider desirable for aiding in securing and maintaining proper protection for said invention and to testify in any judicial or administrative proceeding and generally do everything possible to aid said Assignees or any assignee of said Assignees to obtain and enforce said Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof worldwide when requested so to do by said Assignee or any assignee of said Assignee.

IN WITNESS WHEREOF, we have hereunto set our hand and seal:

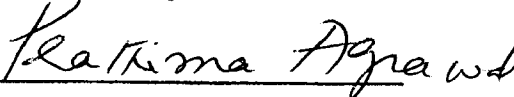
Date: 11/30/2004

Inventor:   
Kenichi Taniuchi

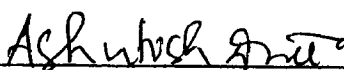
Date: \_\_\_\_\_

Inventor:   
Tao Zhang

Date: \_\_\_\_\_

Inventor:   
Prathima Agrawal

Date: 11/30/2004

Inventor:   
Ashutosh Dutta

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_  
Sunil Madhani

AND WE HEREBY agree that the said Assignees may apply for and receive Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof anywhere in the world for said invention in its own name, we further authorize and request the Commissioner of Patents and Trademarks or any other proper officer or agency of any country to record this assignment and issue all said Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof to said Assignee;

AND WE HEREBY warrant and covenant that we either had or do have the full right to convey the entire interest herein assigned at the time of the sale, assignment and transfer;

AND WE HEREBY warrant and covenant that we have not executed and will not execute any instrument or assignment in conflict herewith;

AND WE HEREBY agree to communicate to said assignees or their representatives any facts known to us respecting said invention, to execute all divisional, continuation, renewal, reissue and foreign applications, sign all lawful documents and make all rightful oaths and declarations relating to said invention, sign all lawful documents which the Assignees shall consider desirable for aiding in securing and maintaining proper protection for said invention and to testify in any judicial or administrative proceeding and generally do everything possible to aid said Assignees or any assignee of said Assignees to obtain and enforce said Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof worldwide when requested so to do by said Assignee or any assignee of said Assignee.

IN WITNESS WHEREOF, we have hereunto set our hand and seal:

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_

Kenichi Taniuchi

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_

Tao Zhang

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_

Prathima Agrawal

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_

Ashutosh Dutta

Date: Dec. 2, 2004

Inventor: 

Sunil Madhani

Banner & Witcoff Ref. No. 004900.00021  
Application No. 10/895,411

for said invention in its own name, we further authorize and request the Commissioner of Patents and Trademarks or any other proper officer or agency of any country to record this assignment and issue all said Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof to said Assignee;

AND WE HEREBY warrant and covenant that we either had or do have the full right to convey the entire interest herein assigned at the time of the sale, assignment and transfer;

AND WE HEREBY warrant and covenant that we have not executed and will not execute any instrument or assignment in conflict herewith;

AND WE HEREBY agree to communicate to said assignees or their representatives any facts known to us respecting said invention, to execute all divisional, continuation, renewal, reissue and foreign applications, sign all lawful documents and make all rightful oaths and declarations relating to said invention, sign all lawful documents which the Assignees shall consider desirable for aiding in securing and maintaining proper protection for said invention and to testify in any judicial or administrative proceeding and generally do everything possible to aid said Assignees or any assignee of said Assignees to obtain and enforce said Patents, Design Registrations, Industrial Models, Industrial Designs, Petty Patents, Utility Models, Copyrights, Unregistered Design Rights, and legal equivalents thereof worldwide when requested so to do by said Assignee or any assignee of said Assignee.

IN WITNESS WHEREOF, we have hereunto set our hand and seal:

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_

Kenichi Taniuchi

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_

Tao Zhang

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_

Prathima Agrawal

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_

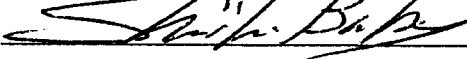
Ashutosh Dutta

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_

Sunil Madhani

Date: Sep 28 '04

Inventor:   
Shinichi Baba

Shinichi Baba

Date: \_\_\_\_\_


Inventor: \_\_\_\_\_

Date: \_\_\_\_\_

Inventor: \_\_\_\_\_

Shinichi Baba

Date: 12/01/04

Inventor: 

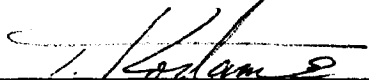
Kensaku Fujimoto

Date: 12/06/04

Inventor: 

Yasuhiro Katsube

Date: 12/07/04

Inventor: 

Toshikazu Kodama

Date: 12/6/04

Inventor: 

Yoshihiro Ohba

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Application No. 10/895,411