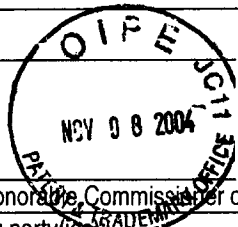


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Atty. Docket No.: **Verizon-19/APP (02-1502)**

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

1. Name of conveying party(ies):

Malathi VEERARAGHAVAN

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: **December 9, 2003**

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

Name: **Verizon Services Corp.**

Address: **1310 North Court House Road**

City: **Arlington** State: **VA** ZIP: **22201**

Additional name(s) & address(es) attached? Yes No

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 No.(s) 10/628,080 B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: **Leonard C. Suchyta**
c/o Christian R. Andersen
Verizon Corporate Services Group Inc.
Customer No. 32127

Internal Address: **600 Hidden Ridge Drive**
Street Address: **Mail Code: HQE03H14**

City: **Irving** State: **TX** ZIP: **75038**

6. Total number of applications and patents involved: **1**

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

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 Any additional fees required are authorized to be charged to the deposit account listed below.

8. Deposit account number:

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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

Joel Wall
Name of Person Signing

11-5-04
Date

Total number of pages comprising cover sheet plus assignment: **6**

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Atty. Doc. No.: Verizon-19/APP (02-1502)

ASSIGNMENT
(multiple inventors)

WHEREAS, we, **Malathi Veeraraghavan**, ASSIGNOR

a citizen of the **USA**, residing at **205 Anderson Court, Charlottesville, VA 22911**; and

Tim Moors, ASSIGNOR

a citizen of **Australia**, residing at **56 Chamberlain Road, Bexley, NSW, 2207, Australia**;

are the inventors of the invention in:

**METHODS AND APPARATUS FOR AUTOMATING TESTING OF SIGNALLING
TRANSFER POINTS**

for which we have executed an application for a Patent of the United States filed on July 25, 2003 as Serial No. 10/528,080;

WHEREAS, **Verizon Services Corp.**, a corporation of **Delaware**, having a place of business at **600 Hidden Ridge Drive, Mail Code: HQE03H14, Irving, TX 75038**, ASSIGNEE

is desirous of obtaining the entire right, title and interest in, to and under the invention and the application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the invention, and the United States application and all divisions, renewals and continuations (including all continuation-in-part applications) thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial

property protection, including, without limitation, all applications for patents, utility models and designs which may hereafter be filed for the invention or claim the benefit of the application or any right of priority to the application, in any and all countries including any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from the United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for the invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we have full right to convey the entire interest assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the ASSIGNEE, its successors, legal representatives and assigns, any facts known to me regarding the invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for the invention in all countries.

The undersigned hereby grant(s) the law firm of Straub & Pokotylo the power to insert on this Assignment any further identification, including the application serial number,

which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ninth day of December, 2003.

Malathi Veeraraghavan
Malathi Veeraraghavan, Assignor

WITNESSED BY:

Natalie Edwards
Name

1232 High Peak Lane
Address

Shupman VA 22971

WITNESSED BY:

Xuem Zheng
Name

488 Ferrish Circle, Apt #7
Address

Charlottesville, VA 22903

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2003.

Tim Moors, Assignor

WITNESSED BY:

Name

Address

WITNESSED BY:

Name

Address