

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	CHANGE OF NAME																
CONVEYING PARTY DATA																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 70%; text-align: center;">Name</th> <th style="width: 30%; text-align: center;">Execution Date</th> </tr> <tr> <td style="padding: 2px;">Bell Atlantic Network Services, Inc.</td> <td style="padding: 2px;">07/21/2000</td> </tr> </table>	Name	Execution Date	Bell Atlantic Network Services, Inc.	07/21/2000													
Name	Execution Date																
Bell Atlantic Network Services, Inc.	07/21/2000																
RECEIVING PARTY DATA																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%; padding: 2px;">Name:</td> <td style="padding: 2px;">Verizon Services Corp.</td> </tr> <tr> <td style="padding: 2px;">Street Address:</td> <td style="padding: 2px;">1310 North Court House Road</td> </tr> <tr> <td style="padding: 2px;">City:</td> <td style="padding: 2px;">Arlington</td> </tr> <tr> <td style="padding: 2px;">State/Country:</td> <td style="padding: 2px;">VIRGINIA</td> </tr> <tr> <td style="padding: 2px;">Postal Code:</td> <td style="padding: 2px;">22201</td> </tr> </table>	Name:	Verizon Services Corp.	Street Address:	1310 North Court House Road	City:	Arlington	State/Country:	VIRGINIA	Postal Code:	22201							
Name:	Verizon Services Corp.																
Street Address:	1310 North Court House Road																
City:	Arlington																
State/Country:	VIRGINIA																
Postal Code:	22201																
PROPERTY NUMBERS Total: 7																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%; text-align: center;">Property Type</th> <th style="text-align: center;">Number</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;">Application Number:</td> <td style="padding: 2px;">10979317</td> </tr> <tr> <td style="padding: 2px;">Patent Number:</td> <td style="padding: 2px;">6157636</td> </tr> <tr> <td style="padding: 2px;">Patent Number:</td> <td style="padding: 2px;">6295292</td> </tr> <tr> <td style="padding: 2px;">Patent Number:</td> <td style="padding: 2px;">6157648</td> </tr> <tr> <td style="padding: 2px;">Patent Number:</td> <td style="padding: 2px;">6292481</td> </tr> <tr> <td style="padding: 2px;">Patent Number:</td> <td style="padding: 2px;">6289010</td> </tr> <tr> <td style="padding: 2px;">Patent Number:</td> <td style="padding: 2px;">6839340</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	10979317	Patent Number:	6157636	Patent Number:	6295292	Patent Number:	6157648	Patent Number:	6292481	Patent Number:	6289010	Patent Number:	6839340	
Property Type	Number																
Application Number:	10979317																
Patent Number:	6157636																
Patent Number:	6295292																
Patent Number:	6157648																
Patent Number:	6292481																
Patent Number:	6289010																
Patent Number:	6839340																
CORRESPONDENCE DATA																	
<p>Fax Number: (703)351-3665</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 7033513586</p> <p>Email: angela.trafton@verizon.com</p> <p>Correspondent Name: Verizon Legal Department</p> <p>Address Line 1: 1515 N. Courthouse Road</p> <p>Address Line 2: Suite 500</p> <p>Address Line 4: Arlington, VIRGINIA 22201</p>																	

CH \$280.00 10979317

500613806

PATENT
REEL: 021339 FRAME: 0643

ATTORNEY DOCKET NUMBER:	65632-0999
NAME OF SUBMITTER:	Michael B. Stewart
<p>Total Attachments: 5</p> <p>source=r0530294#page1.tif</p> <p>source=r0530294#page2.tif</p> <p>source=r0530294#page3.tif</p> <p>source=r0530294#page4.tif</p> <p>source=r0530294#page5.tif</p>	

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):

Bell Atlantic Network Services, Inc.

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

2. Name and address of receiving party(ies)

Name: Verizon Services Corp.

Internal Address: _____

Street Address: _____

1310 North Court House Road

City: Arlington

State: Virginia

Country: United States of America Zip: 22201

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

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

Execution Date(s): July 21, 2000

☐ Assignment ☐ Merger ☒ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other _____

4. Application or patent number(s):

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

A. Patent Application No.(s)

10/979,317

B. Patent No.(s)

6,157,636 6,292,481
6,295,292 6,289,010
6,157,648 6,839,340

Additional numbers attached? ☐ Yes ☒ No

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

Name: Verizon Legal Department
Patent Management Group

Internal Address: Atty. Dkt.: 65632-0999

Street Address: 1515 N. Courthouse Road
Suite 500

City: Arlington

State: VA Zip: 22201

Phone Number: (703) 351-3586

Fax Number: (703) 351-3665

Email Address: angela.trafton@verizon.com

6. Total number of applications and patents involved:

7

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 280.00

- ☐ 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 18-0013
Authorized User Name Michael B. Stewart

9. Signature:

/Michael B. Stewart/

Signature

August 6, 2008

Date

Michael B. Stewart – 36,018

Name of Person Signing

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

5

**CERTIFICATE OF AMENDMENT
OF
RESTATED CERTIFICATE OF INCORPORATION
OF
BELL ATLANTIC NETWORK SERVICES, INC.**

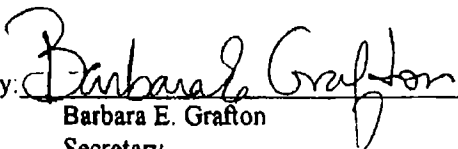
Bell Atlantic Network Services, Inc., a corporation organized and existing under the General Corporation Law of the State of Delaware (the "Corporation") does hereby certify that the amendment to the Corporation's Restated Certificate of Incorporation set forth in the following resolution, approved by the Corporation's Board of Directors and Sole Stockholder, was duly adopted in accordance with the provisions of Section 242 of the General Corporation Law of the State of Delaware:

RESOLVED, that the Restated Certificate of Incorporation of the Corporation be amended by changing Article 1 thereof so that, as amended, the Article shall be and read as follows:

- "1. The name of the Corporation is Verizon Services Corp.
The date of filing its original Certificate of Incorporation
with the Secretary of State was October 14, 1983."

This Certificate of Amendment of the Restated Certificate of Incorporation shall be effective on August 1, 2000.

BELL ATLANTIC NETWORK SERVICES, INC.

By: 
Barbara E. Grafton
Secretary

Dated: July 21, 2000

ASSIGNMENT

This ASSIGNMENT is effective as of January 5, 2007 between Verizon Services Corp., a corporation existing under the laws of Delaware, located and doing business at 1310 North Court House Road, Arlington, Virginia 22201 (hereinafter "ASSIGNOR"), and Verizon Communications Inc., a corporation existing under the laws of Delaware and located and doing business at 140 West Street, New York, New York, 10007 (hereinafter "ASSIGNEE").

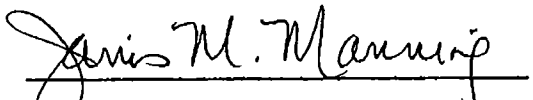
WHEREAS, ASSIGNEE is desirous of acquiring an ownership interest in the United States and/or foreign Letters Patent and Applications for Letters Patent identified in Schedule A, and the inventions disclosed therein.

WHEREAS, ASSIGNOR is desirous of granting to ASSIGNEE an undivided joint ownership interest with ASSIGNOR in the aforesaid inventions and United States and/or foreign Letters Patent and Applications for Letters Patent.

NOW, THEREFORE, in consideration of the premises and the mutual covenants set forth herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged by ASSIGNOR and ASSIGNEE, and subject to any rights and licenses granted to third parties on or before the effective date hereof, ASSIGNOR does hereby assign unto ASSIGNOR and ASSIGNEE together an undivided joint ownership in all rights, title and interest of ASSIGNOR in and to the aforesaid inventions and United States and/or foreign Letters Patent and Applications for Letters Patent identified hereinabove, including all inventions and improvements described therein, any legal equivalent thereof in all countries (subject, however, to applicable patent laws in such countries), the right to claim priority therefrom, and in and to all additional Letters Patent worldwide to be obtained from such Letters Patent, Applications for Letters Patent, and inventions from any future applications, continuations, divisions, renewals, extensions, substitutes, reissues or re-examinations thereof, each and all to be held and enjoyed by ASSIGNOR and ASSIGNEE, their successors and assigns, to the full end of the terms for which any Letters Patent are granted, plus any extensions, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment not been made, together with all claims for damages by reason of past and future infringement of said Letters Patent and inventions, with the right to sue for, and collect the same for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives.

ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent resulting from the inventions and Applications for Letters Patent listed hereinabove or any divisions, reissues, continuations (in whole or in part), renewals, extensions, substitutes or re-examinations thereof to ASSIGNOR and ASSIGNEE together as assignee of ASSIGNOR's interest therein.

Verizon Services Corp.

By: 
Name: Janis M. Manning
Title: Assistant Secretary

SCHEDULE A

<u>Country</u>	<u>Patent or Application Number</u>	<u>Title</u>
US	6,157,636	Network Session Management with Gateway-Directory Services and Authorization Control
US	6,295,292	Inbound Gateway Authorization Processing for Inter-Carrier Internet Telephony
US	10/979,317	Network Session Management
US	6,542,497	Public Wireless/Cordless Internet Gateway
US	6,721,306	Public Wireless/Cordless Internet Gateway
US	7,088,705	Public Wireless/Cordless Internet Gateway
US	6,215,790	Automatic Called Party Locator Over Internet With Provisioning
US	6,539,015	Automatic Called Party Locator Over Internet
US	6,205,139	Automatic Called Party Locator Over Internet
US	6,157,648	Network Session Management
US	6,292,481	Inter-Carrier Signaling and Usage Accounting Architecture for Internet Telephony
US	6,289,010	Inbound Gateway Authorization Processing for Inter-Carrier Internet Telephony
US	6,839,340	Network Session Management