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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: 1320 Court House Road  
  
City: Arlington  
State: VA  
Country: US Zip: 22201  
  
Additional name(s) & address(es) attached?  Yes  No

**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) August 1, 2000  
 Assignment  Merger  
 Security Agreement  Change of Name  
 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)  
SEE ATTACHED LIST  
  
Additional numbers attached?  Yes  No

B. Patent No.(s)

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Eden U.I. Stright  
Internal Address: \_\_\_\_\_  
  
Street Address: 1515 Courthouse Road, Suite 500  
  
City: Arlington  
State: VA Zip: 22201-2909  
Phone Number: 703.351.3586  
Fax Number: 703.351.3665  
Email Address: eden.stright@verizon.com

**6. Total number of applications and patents involved:** 77  
**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 3080.00**  
 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 07-2347  
Authorized User Name Eden Stright

**9. Signature:** \_\_\_\_\_ 4/7/2008  
Signature Date

Name of Person Signing Eden U.I. Stright Total number of pages including cover sheet, attachments, and documents: **5**

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, V.A. 22313-1450

CH \$3080.00 072347 5579379

Case Number	Application Number	Filing Date	Patent Number	Issue Date
VE04.21	08/324,652	18-Oct-1994	5,579,379	26-Nov-1996
VE04.22	08/264,166	22-Jun-1994	5,659,805	19-Aug-1997
VE04.23	08/493,472	22-Jun-1995	5,696,809	09-Dec-1997
VE04.24	08/504,377	19-Jul-1995	5,781,620	14-Jul-1998
VE04.29	08/413,863	29-Mar-1995	5,661,791	26-Aug-1997
VE04.30A	08/418,107	06-Apr-1995	5,524,145	04-Jun-1996
VE04.39	08/504,305	20-Jul-1995	5,790,173	04-Aug-1998
VE04.41	08/508,507	28-Jul-1995	5,708,702	13-Jan-1998
VE04.43	08/538,935	05-Apr-1995	5,915,008	22-Jun-1999
VE04.45	08/589,360	22-Jan-1996	5,692,033	25-Nov-1997
VE04.53	09/112,473	09-Jul-1998	6,078,648	20-Jun-2000
VE04.62	09/306,636	07-May-1999	6,298,123	02-Oct-2001
VE05.17	08/434,434	03-May-1995	5,781,541	14-Jul-1998
VE05.20B	08/557,396	13-Nov-1995	5,751,789	12-May-1998
VE05.21	08/559,668	20-Nov-1995	5,790,631	04-Aug-1998
VE05.22	08/592,441	26-Jan-1996	5,805,997	08-Sep-1998
VE06.03	08/816,909	13-Mar-1997	5,953,399	14-Sep-1999
VE06.05	07/703,642	21-May-1991	5,272,748	21-Dec-1993
VE07.101A	08/564,964	30-Nov-1995	5,805,682	08-Sep-1998
VE07.101B	08/563,399	30-Nov-1995	5,825,862	20-Oct-1998
VE07.101C	08/564,960	30-Nov-1995	5,754,641	19-May-1998
VE07.104	08/532,314	22-Sep-1995	5,774,689	30-Jun-1998
VE07.109	08/698,281	14-Aug-1996	5,847,771	08-Dec-1998
VE07.11	08/233,579	26-Apr-1994	5,534,912	09-Jul-1996
VE07.36	08/595,883	06-Feb-1996	5,820,463	13-Oct-1998
VE07.47	08/380,744	31-Jan-1995	5,583,863	10-Dec-1996
VE07.65	08/413,207	28-Mar-1995	5,544,161	06-Aug-1996
VE07.67	08/454,669	31-May-1995	5,654,751	05-Aug-1997
VE07.70C	08/362,318	22-Dec-1994	6,154,207	28-Nov-2000
VE07.72	08/408,254	22-Mar-1995	5,600,632	04-Feb-1997

Case Number	Application Number	Filing Date	Patent Number	Issue Date
VE07.73	08/380,758	31-Jan-1995	5,627,836	06-May-1997
VE07.74B	08/656,879	30-May-1996	5,880,864	09-Mar-1999
VE07.79	08/518,471	21-Aug-1995	5,712,903	27-Jan-1998
VE07.81	08/575,874	22-Dec-1995	5,790,171	04-Aug-1998
VE07.83D	08/568,762	07-Dec-1995	5,859,895	12-Jan-1999
VE07.87	08/441,590	16-May-1995	5,650,994	22-Jul-1997
VE07.91	08/495,926	15-Jun-1995	5,666,487	09-Sep-1997
VE07.97	08/518,861	24-Aug-1995	5,680,325	21-Oct-1997
VE08.01	07/515,027	26-Apr-1990	5,054,055	01-Oct-1991
VE09.05B	08/271,884	07-Jul-1994	5,586,171	17-Dec-1996
VE09.06	08/322,124	13-Oct-1994	5,594,789	14-Jan-1997
VE09.09	08/828,781	27-Mar-1997	5,991,364	23-Nov-1999
VE09.43	09/082,553	21-May-1998	6,229,880	08-May-2001
VE09.44	09/224,809	31-Dec-1998	6,744,860	01-Jun-2004
VE10.04	07/620,125	30-Nov-1990	5,173,896	22-Dec-1992
VE10.22	09/201,463	30-Nov-1998	6,084,946	04-Jul-2000
VE12.15A	08/815,364	11-Mar-1997	6,097,719	01-Aug-2000
VE13.01	07/729,121	12-Jul-1991	5,243,642	07-Sep-1993
VE13.11	07/834,053	11-Feb-1992	5,218,633	08-Jun-1993
VE13.16	07/936,455	28-Aug-1992	5,422,936	06-Jun-1995
VE14.05	08/649,418	16-May-1996	5,680,494	21-Oct-1997
VE14.07	08/828,960	28-Mar-1997	6,031,300	29-Feb-2000
VE14.08	08/940,943	30-Sep-1997	5,897,081	27-Apr-1999
VE15.01	07/834,050	11-Feb-1992	5,278,539	11-Jan-1994
VE17.18	08/725,349	01-Oct-1996	5,864,612	26-Jan-1999
VE17.19	08/527,595	13-Sep-1995	5,621,787	15-Apr-1997
VE17.24A	09/053,676	02-Apr-1998	6,240,337	29-May-2001
VE17.25A	09/038,100	11-Mar-1998	6,104,913	15-Aug-2000
VE18.05	07/953,675	01-Oct-1992	5,339,352	16-Aug-1994
VE18.09	08/398,938	03-Mar-1995	5,684,866	04-Nov-1997

Case Number	Application Number	Filing Date	Patent Number	Issue Date
VE18.10	08/803,701	21-Feb-1997	5,898,771	27-Apr-1999
VE19.02	08/613,560	11-Mar-1996	5,729,598	17-Mar-1998
VE20.02	08/518,512	23-Aug-1995	5,765,138	09-Jun-1998
VE20.16	08/870,240	05-Jun-1997	5,937,048	10-Aug-1999
VE21.07A	09/112,160	09-Jul-1998	6,229,887	08-May-2001
VE21.07B	09/112,154	09-Jul-1998	6,097,798	01-Aug-2000
VE22.12	08/789,809	28-Jan-1997	5,940,598	17-Aug-1999
VE22.13	08/867,762	03-Jun-1997	6,233,234	15-May-2001
VE22.18	08/779,458	07-Jan-1997	6,064,653	16-May-2000
VE22.26	09/133,658	12-Aug-1998	6,243,832	05-Jun-2001
VE22.28	08/816,228	12-Mar-1997	6,038,227	14-Mar-2000
VE22.29	08/904,117	13-Jul-1997	5,958,016	28-Sep-1999
VE22.37	09/141,725	27-Aug-1998	6,456,632	24-Sep-2002
VE23.11	08/377,565	24-Jan-1995	5,692,126	25-Nov-1997
VE24.03A	09/138,408	24-Aug-1998	6,035,029	07-Mar-2000
VE24.05	09/222,789	30-Dec-1998	6,078,649	20-Jun-2000
VE26.04	08/277,808	20-Jul-1994	5,588,061	24-Dec-1996

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 04:30 PM 07/26/2000  
001379899 - 2019220

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

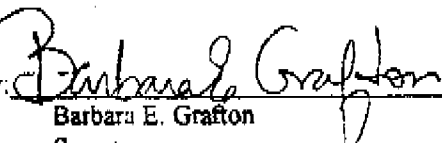
Bell Atlantic Network Services, Inc., a corporation organized and existing under the General Corporation Law of the State of Delaware (the "Corporation") does hereby certify that the amendment to the Corporation's Restated Certificate of Incorporation set forth in the following resolution, approved by 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