

10-26-1998



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FORM PTO-1596
1-31-92

REC

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 50107-383

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

MED 10-21-98

1. Name of Conveying Parties:
Van P. ECKES, Steven A. GERIA and Alan P. SHEETS
Additional name(s) of conveying party(ies) attached? Yes

2. Name and address of receiving party:
Name: Bell Atlantic Network Services, Inc.
Address: 1320 North Court House Road
Arlington, VA 22201
Additional name(s) & address(es) attached? Yes

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: September 29, 1998

4. Application number(s) or patent number(s):
If the document is being filed together with a new application, the execution date of the application is:
A. Patent Application No(s).
09/133,658, filed August 12, 1998

B. Patent No(s).
Additional numbers attached? Yes

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: MCDERMOTT, WILL & EMERY
Internal Address:
Street Address: 99 Canal Center Plaza, Suite 300
City: Alexandria State: VA Zip: 22314

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41) \$40.00
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number:
500417

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.
Stephen C. Carlson, 39,929

October 21, 1998

Name and Registration No. of Person Signing Signature Date
Total number of pages comprising cover sheet: 1

CMB No. 0851-0011 (exp. 4/94)

10/23/1998 SMURNS 00000103 500417 09133658
01 FC:501 40.00 CH

ASSIGNMENT

WHEREAS WE, **Van P. Eckes**, of Philadelphia, Pennsylvania, **Steven A. Geria** of Cherry Hill, New Jersey, and **Alan P. Sheets** of Feasterville, Pennsylvania have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled **NETWORK ACCESS SERVER TESTING SYSTEM AND METHODOLOGY**, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

AND WHEREAS, Bell Atlantic Network Services, Inc., a corporation of the State of Delaware and having an address of 1320 North Court House Road, Arlington, VA 22201 is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we do hereby sell, assign, transfer and set over unto Bell Atlantic Network Services, Inc., its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including the right of priority and including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATIONS, we hereby agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND we request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said Bell Atlantic Network Services, Inc., its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

9/29/98

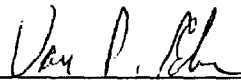
 Date

9/29/98

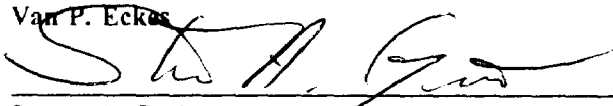
 Date

9-29-1998


 Date



 Van P. Eckes



 Steven A. Geria



 Alan P. Sheets

STATE OF Pennsylvania
CITY/COUNTY OF Philadelphia) SS:

On this 25th day of Sept, 1998, before me personally appeared Van P. Eckes, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



SEAL

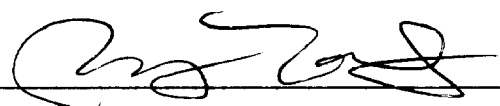
Notary Public

My commission expires _____

Notarial Seal
Ray Teng, Notary Public
Philadelphia, Philadelphia County
My Commission Expires July 24, 2000
Member, Pennsylvania Association of Notaries

STATE OF Pennsylvania
CITY/COUNTY OF Philadelphia) SS:

On this 29th day of Sept, 1998, before me personally appeared Steven A. Geria, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



SEAL

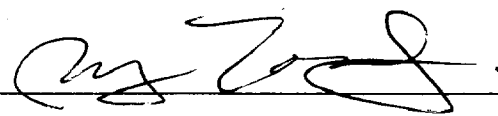
Notary Public

My commission expires _____

Notarial Seal
Ray Teng, Notary Public
Philadelphia, Philadelphia County
My Commission Expires July 24, 2000
Member, Pennsylvania Association of Notaries

STATE OF Pennsylvania
CITY/COUNTY OF Philadelphia) SS:

On this 29th day of Sept, 1998, before me personally appeared Alan P. Sheets, to me known to be the person named in and who executed the above instrument, and acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



SEAL

Notary Public

My commission expires _____

Notarial Seal
Ray Teng, Notary Public
Philadelphia, Philadelphia County
My Commission Expires July 24, 2000
Member, Pennsylvania Association of Notaries

PATENT