

03-17-1999



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FORM PTO-1596
1-31-92

RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Docket No.: 50107-426

PATENTS ONLY

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

1. Name of Conveying Party(ies):

John M. CARMAN, David H. CAVE, Lin H. KERNS,
Andrew N. SMITH, Michael G. PILKERTON, and R. Andrew
POOLEAdditional name(s) of conveying party(ies) attached? ☐ Yes

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: Jan. 28, Jan. 28, Jan. 28, Mar. 1, Jan. 28, and
Jan. 28, 1999 (respectively)

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

Name: Bell Atlantic Network Services, Inc.

Address: 1320 North Court House Road

Arlington, VA 22201

Additional name(s) & address(es) attached? ☐ Yes

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: Jan. 28, Jan. 28, Jan. 28,
Mar. 1, Jan. 28, and Jan.
28, 1999 (respectively)

A. Patent Application No(s).

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: 600 13th Street, N.W.

City: Washington State: DC Zip: 20005

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

03/17/1999 JSH/DAZZ 00000010 500417 09263772

01 FC:581 40.00 CH

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.

Keith E. George, 34,111

March 5, 1999

Name and Registration No. of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

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

PATENT
REEL: 9811 FRAME: 0573

ASSIGNMENT

WHEREAS WE, John M. Carman, David H. Cave, Lin H. Kerns, Andrew M. Smith, Michael G. Pilkerton and R. Andrew Poole of Alexandria, VA, Fairfax, VA, Springfield, VA, Herndon, VA, Fairfax, VA, and Ashburn, VA, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled FLEXIBLE ANI, 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.

1-28-99
Date

1-28-99
Date

1-28-99
Date

Date

1-28-99
Date

1-28-99
Date

John M. Carman
John M. Carman

David H. Cave
David H. Cave

Lin H. Kerns
Lin H. Kerns

Andrew M. Smith

Michael G. Pilkerton
Michael G. Pilkerton

R. Andrew Poole
R. Andrew Poole

STATE OF VIRGINIA)
CITY/COUNTY OF ARLINGTON) SS:

On this 28TH day of JANUARY, 1999, before me personally appeared John M. Carman, 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.

Richard G Backus

Notary Public

My commission expires 2-28-99

SEAL

STATE OF VIRGINIA)
CITY/COUNTY OF ARLINGTON) SS:

On this 28TH day of JANUARY, 1999, before me personally appeared David H. Cave, 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.

Richard G Backus

Notary Public

My commission expires 2-28-99

SEAL

STATE OF VIRGINIA)
COUNTY OF ARLINGTON) SS:

On this 28TH day of JANUARY, 1999, before me personally appeared Lin H. Kerns, 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.

Richard G Backus

Notary Public

My commission expires 2-28-99

SEAL

STATE OF _____)
COUNTY OF _____) SS:

On this _____ day of _____, 19____, before me personally appeared **Andrew M. Smith**, 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.

S E A L

Notary Public

My commission expires _____

STATE OF VIRGINIA)
COUNTY OF ARLINGTON) SS:

On this 28TH day of JANUARY, 1999, before me personally appeared **Michael G. Pilkerton**, 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.

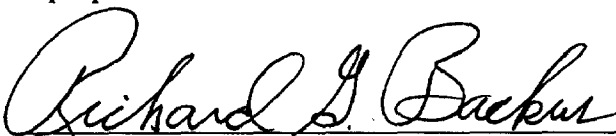


Notary Public

My commission expires 2-28-99

STATE OF VIRGINIA)
COUNTY OF ARLINGTON) SS:

On this 28TH day of JANUARY, 1999, before me personally appeared **R. Andrew Poole**, 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.



Notary Public

My commission expires 2-28-99

S E A L

ASSIGNMENT

WHEREAS WE, John M. Carman, David H. Cave, Lin H. Kerns, Andrew M. Smith, Michael G. Pilkerton and R. Andrew Poole of Alexandria, VA, Fairfax, VA, Springfield, VA, Herndon, VA, Fairfax, VA, and Ashburn, VA, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled FLEXIBLE ANI, 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.

Date

John M. Carman

Date

David H. Cave

Date

Lin H. Kerns

Date

Andrew M. Smith and 3/1/99
N.

Date

Michael G. Pilkerton

Date

R. Andrew Poole

STATE OF _____)
) SS:
CITY/COUNTY OF _____)

On this _____ day of _____, 19____, before me personally appeared **John M. Carman**, 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.

S E A L

Notary Public

My commission expires _____

STATE OF _____)
) SS:
CITY/COUNTY OF _____)

On this _____ day of _____, 19____, before me personally appeared **David H. Cave**, 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.

S E A L

Notary Public

My commission expires _____

STATE OF _____)
) SS:
COUNTY OF _____)

On this _____ day of _____, 19____, before me personally appeared **Lin H. Kerns**, 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.

S E A L

Notary Public

My commission expires _____

STATE OF _____)
) SS:
COUNTY OF _____)

On this 1ST day of March, 1999, before me personally appeared **Andrew M. Smith**, 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.

S E A L

Maryhelen Belknap
Notary Public

My commission expires _____

STATE OF Virginia)
COUNTY OF Arlington) SS:

On this _____ day of _____, 19____, before me personally appeared **Michael G. Pilkerton**, 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.

S E A L

Notary Public

My commission expires _____

STATE OF _____)
COUNTY OF _____) SS:

On this _____ day of _____, 19____, before me personally appeared **R. Andrew Poole**, 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.

S E A L

Notary Public

My commission expires _____