

07-02-2002

Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings → → → ▼ ▼



102143497

T U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

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

1. Name of conveying party(ies):

**Steven G. Smith, Roland T. Morton, Jr.,  
Robert H. Willis, Jr. and Mitchell E. Davis**Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: BellSouth Intellectual Property Corporation

Internal Address: \_\_\_\_\_

Street Address: 824 Market Street, Suite 901City: Wilmington State: DE Zip: 19801Additional name(s) and address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: June 18, 2002, May 31, 2002, June 4,  
2002 and June 12, 2002

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: June 20, 2002

A. Patent Application No.(s)

B. Patent No.(s)

Additional number(s) attached? ☐ Yes ☒ No

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

Name: Michael D. Lazzara, Esq.Internal Address: Kirkpatrick & Lockhart LLPHenry W. Oliver BuildingStreet Address: 535 Smithfield StreetCity: Pittsburgh State: PA Zip: 15222-23126. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number: \_\_\_\_\_

(Attach duplicate copy of this page if paying by deposit account)

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.*Michael D. Lazzara

Name of Person Signing

Michael D. Lazzara  
Signature6/20/02  
DateTotal number of pages including cover sheet, attachments, and documents: 19Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

06/26/2002 HVUONG1 00000021 10175699

03 FC:581

40.00 OP

PI-867239 v1 0224285-0179

PATENT  
REEL: 013032 FRAME: 0001

For: ☒ U.S. and/or ☒ Foreign Rights  
For: ☒ U.S. Application or  
          ☐ U.S. Provisional Application  
For: ☐ U.S. Patent  
For: ☐ PCT Application  
By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

Steven G. Smith	530 Wexford Hollow Run	
(type or print name of inventors)	Roswell, GA 30075	USA
	Address	Nationality
Roland T. Morton, Jr.	10570 Tuxford Drive	
	Alpharetta, GA 30022	USA
Robert H. Willis, Jr.	8906 Largo Court	
	Louisville, KY 40299	USA
Mitchell E. Davis	10195 Rivertown Road	
	Palmetto, GA 30268	USA

hereby sells, assigns and transfers to

ASSIGNEE:

BellSouth Intellectual Property Corporation  
(type or print name of ASSIGNEE)

824 Market Street, Suite 510  
Address

(a Delaware corporation)  
Nationality

Wilmington, DE 19801

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest

☐ an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest for the United States  
and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority, in and to any and all  
improvements which are disclosed in the invention entitled: **METHODS AND SYSTEMS FOR  
PROMOTING AUTHENTICATION OF TECHNICAL SERVICE COMMUNICATIONS IN A  
TELECOMMUNICATIONS SYSTEM**

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a) ☒ U.S. patent application executed on even date herewith

(b) ☐ U.S. patent application executed on \_\_\_\_\_

(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention

☐ Express mail label no.: \_\_\_\_\_

Mailed: \_\_\_\_\_

☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below,  
hereby authorize and request my attorney to insert below the filing date and application  
number when they become known.

(d) ☐ U.S. application no.: \_\_\_\_\_ filed on \_\_\_\_\_

(e) ☐ International application no. PCT / \_\_\_\_\_ / \_\_\_\_\_  
filed on \_\_\_\_\_

(f) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

☐ A change of address to which correspondence is to be sent regarding patent  
maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

- (g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this June 18, 2002  
Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Steven G. Smith  
(type name of Inventor)

Steven G. Smith 6/18/02  
Signature of INVENTOR Date

Roland T. Morton, Jr.  
(type name of Inventor)

\_\_\_\_\_  
Signature of INVENTOR Date

Robert H. Willis, Jr.  
(type name of Inventor)

\_\_\_\_\_  
Signature of INVENTOR Date

Mitchell E. Davis  
(type name of Inventor)

\_\_\_\_\_  
Signature of INVENTOR Date

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

☒ Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

## NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT

NOTE: Executing this page is not required for assignment and is only prima facie evidence of execution, 35 USC 261.

Details of Country \_\_\_\_\_

and place of signing of assignment

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Before me this 18 day of June, 2002 personally appeared the above named individual(s), to me known to be the person(s) who ☐ is ☐ are described in and who executed the foregoing assignment instrument and acknowledged to me that

☒ he

☒ his

☐ she

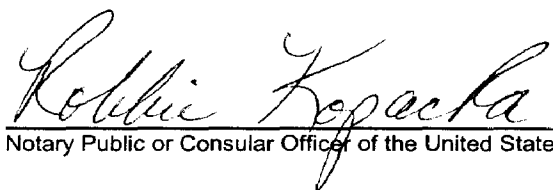
executed the same of

☐ her

☐ they

☐ their

own free will for the purpose therein expressed.

  
\_\_\_\_\_  
Notary Public or Consular Officer of the United States of America

**Notary Public, DeKalb County, Georgia**  
**My Commission Expires July 13, 2003**

For: ☒ U.S. and/or ☒ Foreign Rights  
For: ☒ U.S. Application or  
☐ U.S. Provisional Application  
For: ☐ U.S. Patent  
For: ☐ PCT Application  
By: Multiple Inventors

**ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS (Inventors):**Steven G. Smith

(type or print name of inventors)

530 Wexford Hollow RunRoswell, GA 30075USA

Address

Nationality

Roland T. Morton, Jr.10570 Tuxford DriveAlpharetta, GA 30022USARobert H. Willis, Jr.8906 Largo CourtLouisville, KY 40299USAMitchell E. Davis10195 Rivertown RoadPalmetto, GA 30268USA

(Assignment of Invention-Multiple Inventors [16-3.2]-page 1 of 4)

hereby sells, assigns and transfers to

ASSIGNEE:

BellSouth Intellectual Property Corporation  
(type or print name of ASSIGNEE)

824 Market Street, Suite 510  
Address

(a Delaware corporation)  
Nationality

Wilmington, DE 19801

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest

☐ an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest for the United States  
and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority, in and to any and all  
improvements which are disclosed in the invention entitled: **METHODS AND SYSTEMS FOR  
PROMOTING AUTHENTICATION OF TECHNICAL SERVICE COMMUNICATIONS IN A  
TELECOMMUNICATIONS SYSTEM**

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a) ☒ U.S. patent application executed on even date herewith

(b) ☐ U.S. patent application executed on \_\_\_\_\_

(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention

☐ Express mail label no.: \_\_\_\_\_

Mailed: \_\_\_\_\_

☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below,  
hereby authorize and request my attorney to insert below the filing date and application  
number when they become known.

(d) ☐ U.S. application no.: \_\_\_\_\_ filed on \_\_\_\_\_

(e) ☐ International application no. PCT / \_\_\_\_\_ / \_\_\_\_\_  
filed on \_\_\_\_\_

(f) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

☐ A change of address to which correspondence is to be sent regarding patent  
maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

- (g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

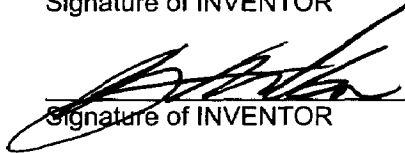
IN WITNESS WHEREOF, We have hereunto set hand and seal this \_\_\_\_\_ Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Steven G. Smith  
(type name of Inventor)

Signature of INVENTOR Date

Roland T. Morton, Jr.  
(type name of Inventor)

 5/31/02  
Signature of INVENTOR Date

Robert H. Willis, Jr.  
(type name of Inventor)

Signature of INVENTOR Date

Mitchell E. Davis  
(type name of Inventor)

Signature of INVENTOR Date

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

☒ Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.



## NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT

NOTE: Executing this page is not required for assignment and is only prima facie evidence of execution, 35 USC 261.

Details of Country \_\_\_\_\_

and place of signing of assignment

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Before me this 31 day of May, 2002 personally appeared the above named individual(s), to me known to be the person(s) who ☒ is ☐ are described in and who executed the foregoing assignment instrument and acknowledged to me that

☒ he

☒ his

☐ she

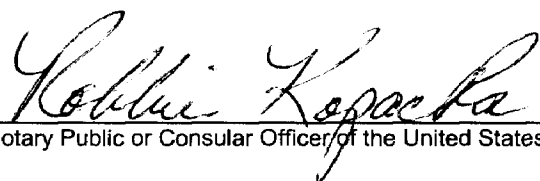
executed the same of

☐ her

☐ they

☐ their

own free will for the purpose therein expressed.

  
\_\_\_\_\_  
Notary Public or Consular Officer of the United States of America

Notary Public, DeKalb County, Georgia  
My Commission Expires July 13, 2003

For: ☒ U.S. and/or ☒ Foreign Rights  
For: ☒ U.S. Application or  
☐ U.S. Provisional Application  
For: ☐ U.S. Patent  
For: ☐ PCT Application  
By: Multiple Inventors

**ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS (Inventors):**Steven G. Smith

(type or print name of inventors)

530 Wexford Hollow RunRoswell, GA 30075USA

Address

Nationality

Roland T. Morton, Jr.10570 Tuxford DriveAlpharetta, GA 30022USARobert H. Willis, Jr.8906 Largo CourtLouisville, KY 40299USAMitchell E. Davis10195 Rivertown RoadPalmetto, GA 30268USA

(Assignment of Invention—Multiple Inventors [16-3.2]—page 1 of 4)

hereby sells, assigns and transfers to

ASSIGNEE:

BellSouth Intellectual Property Corporation  
(type or print name of ASSIGNEE)

824 Market Street, Suite 510  
Address

(a Delaware corporation)  
Nationality

Wilmington, DE 19801

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest

☐ an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest for the United States  
and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority, in and to any and all  
improvements which are disclosed in the invention entitled: **METHODS AND SYSTEMS FOR  
PROMOTING AUTHENTICATION OF TECHNICAL SERVICE COMMUNICATIONS IN A  
TELECOMMUNICATIONS SYSTEM**

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a) ☒ U.S. patent application executed on even date herewith

(b) ☐ U.S. patent application executed on \_\_\_\_\_

(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention

☐ Express mail label no.: \_\_\_\_\_

Mailed: \_\_\_\_\_

☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below,  
hereby authorize and request my attorney to insert below the filing date and application  
number when they become known.

(d) ☐ U.S. application no.: \_\_\_\_\_ filed on \_\_\_\_\_

(e) ☐ International application no. PCT / \_\_\_\_\_ / \_\_\_\_\_  
filed on \_\_\_\_\_

(f) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

☐ A change of address to which correspondence is to be sent regarding patent  
maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this \_\_\_\_\_ Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Steven G. Smith  
(type name of Inventor)

\_\_\_\_\_  
Signature of INVENTOR Date

Roland T. Morton, Jr.  
(type name of Inventor)

\_\_\_\_\_  
Signature of INVENTOR Date

Robert H. Willis, Jr.  
(type name of Inventor)

*RH Willis Jr* *6-4-02*  
Signature of INVENTOR Date

Mitchell E. Davis  
(type name of Inventor)

\_\_\_\_\_  
Signature of INVENTOR Date

☒ Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

## NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT

NOTE: Executing this page is not required for assignment and is only prima facie evidence of execution, 35 USC 261.

Details of Country \_\_\_\_\_

and place of signing of assignment \_\_\_\_\_

Before me this 4<sup>th</sup> day of June, 2002 personally appeared the above named individual(s), to me known to be the person(s) who ☒ is ☐ are described in and who executed the foregoing assignment instrument and acknowledged to me that

☒ he

☒ his

☐ she

executed the same of

☐ her

☐ they

☐ their

own free will for the purpose therein expressed.

Majill Lynn Black  
Notary Public or Consular Officer of the United States of America

MAJILL LYNN BLACK  
State at Large, Kentucky  
My Commission Expires April 28, 2003

For: ☒ U.S. and/or ☒ Foreign Rights  
For: ☒ U.S. Application or  
☐ U.S. Provisional Application  
For: ☐ U.S. Patent  
For: ☐ PCT Application  
By: Multiple Inventors

**ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS (Inventors):**

<u>Steven G. Smith</u> (type or print name of inventors)	<u>530 Wexford Hollow Run</u> <u>Roswell, GA 30075</u> <u>USA</u> Address Nationality
<u>Roland T. Morton, Jr.</u>	<u>10570 Tuxford Drive</u> <u>Alpharetta, GA 30022</u> <u>USA</u>
<u>Robert H. Willis, Jr.</u>	<u>8906 Largo Court</u> <u>Louisville, KY 40299</u> <u>USA</u>
<u>Mitchell E. Davis</u>	<u>10195 Rivertown Road</u> <u>Palmetto, GA 30268</u> <u>USA</u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>
<u> </u>	<u> </u>

hereby sells, assigns and transfers to

ASSIGNEE:

BellSouth Intellectual Property Corporation  
(type or print name of ASSIGNEE)

824 Market Street, Suite 510  
Address

(a Delaware corporation)  
Nationality

Wilmington, DE 19801

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

☒ the entire right, title and interest

☐ an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest for the United States  
and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

☒ and in all foreign countries, including all rights to claim priority, in and to any and all  
improvements which are disclosed in the invention entitled: **METHODS AND SYSTEMS FOR  
PROMOTING AUTHENTICATION OF TECHNICAL SERVICE COMMUNICATIONS IN A  
TELECOMMUNICATIONS SYSTEM**

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a) ☒ U.S. patent application executed on even date herewith

(b) ☐ U.S. patent application executed on \_\_\_\_\_

(c) ☐ U.S. provisional application naming the above inventor(s) for the above-entitled invention

☐ Express mail label no.: \_\_\_\_\_

Mailed: \_\_\_\_\_

☐ To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below,  
hereby authorize and request my attorney to insert below the filing date and application  
number when they become known.

(d) ☐ U.S. application no.: \_\_\_\_\_ filed on \_\_\_\_\_

(e) ☐ International application no. PCT / \_\_\_\_\_ / \_\_\_\_\_  
filed on \_\_\_\_\_

(f) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_

☐ A change of address to which correspondence is to be sent regarding patent  
maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

- (g) ☒ and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this \_\_\_\_\_ Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Steven G. Smith  
(type name of Inventor)

\_\_\_\_\_  
Signature of INVENTOR Date

Roland T. Morton, Jr.  
(type name of Inventor)

\_\_\_\_\_  
Signature of INVENTOR Date

Robert H. Willis, Jr.  
(type name of Inventor)

\_\_\_\_\_  
Signature of INVENTOR Date

Mitchell E. Davis  
(type name of Inventor)

*Mitchell E. Davis* 06-12-02  
Signature of INVENTOR Date

☒ Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.



## NOTARIZATION OR LEGALIZATION ACCOMPANYING ASSIGNMENT

NOTE: Executing this page is not required for assignment and is only prima facie evidence of execution, 35 USC 261.

Details of Country \_\_\_\_\_

and place of signing of assignment

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Before me this 12 day of June, 2002 personally appeared the above named individual(s), to me known to be the person(s) who ☐ is ☐ are described in and who executed the foregoing assignment instrument and acknowledged to me that

☒ he

☒ his

☐ she

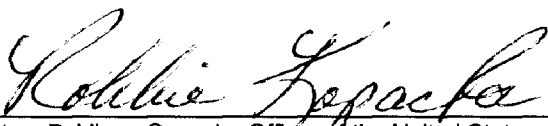
executed the same of

☐ her

☐ they

☐ their

own free will for the purpose therein expressed.

  
\_\_\_\_\_  
Notary Public or Consular Officer of the United States of America

Notary Public, DeKalb County, Georgia  
My Commission Expires July 13, 2003

(Assignment of Invention—Multiple Inventors [16-3.2]—page 4 of 4)