

01-15-2003

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



102338230

To the Honorable Commissioner of Patents and Trademarks. Please return original documents or copy thereof.

1. Name of conveying party(ies):

**Terry D. Thacker, Gary Thomas Metcalf and David Gnadinger**

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

3. Nature of conveyance:

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

Execution Date of Assignments : January 2, 2003,  
December 27, 2002 and January 8, 2003

2. Name and address of receiving party(ies)

Name: BellSouth Intellectual Property Corporation

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

Street Address: 824 Market Street, Suite 901

City: Wilmington State: DE Zip: 19801

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

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: January 9, 2003

A. Patent Application No.(s)

10,339,520

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: Roberto Capriotti

Internal Address: Kirkpatrick & Lockhart LLP

Henry W. Oliver Building

Street Address: 535 Smithfield Street

City: Pittsburgh State: PA Zip: 15222-2312

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:

(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.*

Roberto Capriotti

Name of Person Signing

Roberto Capriotti  
Signature

1/9/03  
Date

Total number of pages including cover sheet, attachments, and documents: 13

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

01/13/2003 EFDRES 00000050 10339520

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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>Terry D. Thacker</u> (type or print name of inventors)	<u>906 Black Oak Drive</u> <u>Lawrenceburg, KY 40342</u> Address	<u>USA</u> Nationality
<u>Gary Thomas Metcalf</u>	<u>315 Moser Road</u> <u>Louisville, KY 40223</u>	<u>USA</u>
<u>David Gnadinger</u>	<u>5513 Pico Lane</u> <u>Louisville, KY 40219</u>	<u>USA</u>
<u> </u>	<u> </u>	<u> </u>
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<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 901  
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: **MTS-SWITCH GENERIC VERIFICATION**

(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 on the date indicated below.

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

Terry D. Thacker  
(type name of Inventor)

 01-02-03  
Signature of INVENTOR Date

Gary T. Metcalf  
(type name of Inventor)

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

David Gnadinger  
(type name of Inventor)

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

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☒ 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 2<sup>nd</sup> day of January, 2002<sup>3</sup> 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.

Monty B. Ketting  
Notary Public of Consular Office of the United States of America  
Notary, Kentucky State-at-Large  
My commission expires Jan. 12, 2006



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)

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ASSIGNORS (Inventors):

Terry D. Thacker	906 Black Oak Drive	
(type or print name of inventors)	Lawrenceburg, KY 40342	USA
	Address	Nationality
Gary Thomas Metcalf	315 Moser Road	
	Louisville, KY 40223	USA
David Gnadinger	5513 Pico Lane	
	Louisville, KY 40219	USA



hereby sells, assigns and transfers to

ASSIGNEE:

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

824 Market Street, Suite 901  
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

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(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: **MTS-SWITCH GENERIC VERIFICATION**

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

and which is found in

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(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.

(Assignment of Invention—Multiple Inventors [16-3.2]—page 2)



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IN WITNESS WHEREOF, We have hereunto set hand and seal on the date indicated below.

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Terry D. Thacker  
(type name of Inventor)

Signature of INVENTOR Date

Gary T. Metcalf  
(type name of Inventor)

*Gary T. Metcalf* 12-27-00  
Signature of INVENTOR Date

David Gnadinger  
(type name of Inventor)

Signature of INVENTOR Date

☒ Notarization or Legalization Page Added.

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Details of Country U.S.A.

and place of signing of assignment

PNC Bank  
9700 Liner Station Rd  
Louisville Ky 40223

Before me this 27 day of December, 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.

Michelle R Costa  
Notary Public or Consular Officer of the United States of America

My commission expires 9/30/06



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

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(Assignment of Invention-Multiple Inventors [16-3.2]-page 2)



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Terry D. Thacker  
(type name of Inventor)

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

Gary T. Metcalf  
(type name of Inventor)

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

David Gnadinger  
(type name of Inventor)

*David Gnadinger* 1/5/03  
Signature of INVENTOR Date

☒ Notarization or Legalization Page Added.

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

and place of signing of assignment

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

Before me this 8 day of Jun, 2003 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, State at Large, KY  
My commission expires June 21, 2006