

01-26-2004

FORM PTO-1619A  
Expires 06/30/99  
OMB 0651-0027



U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

102653771  
RECORDATION FORM COVER SHEET  
PATENTS ONLY

1.16.04  
10759495

22390 U.S. PTO  
10/759495  
011604

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

New

Resubmission (Non-Recordation)  
Document ID # \_\_\_\_\_

Correction of PTO Error  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

Corrective Document  
Reel # \_\_\_\_\_ Frame # \_\_\_\_\_

**Conveyance Type**

Assignment  Security Agreement

License  Change of Name

Merger  Other \_\_\_\_\_

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

Departmental File  Secret File

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name (line 1)  Execution Date  
Month Day Year

Name (line 2)

**Second Party**

Name (line 1)  Execution Date  
Month Day Year

Name (line 2)

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**FOR OFFICE USE ONLY**

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

01/26/2004 MAHMED1 00000076 10759495

01/26/2004

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**PATENT**  
**REEL: 014907 FRAME: 0254**

**RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY**

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

22390 U.S.P.T.O  
10/759495



**Conveying Party(ies)**

Mark if additional names of conveying parties attached

*Enter additional Conveying Parties*

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

**Receiving Party(ies)**

Mark if additional names of receiving parties attached

*Enter additional Receiving Party(ies)*

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

*Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).*

**Patent Application Number(s)**

**Patent Number(s)**

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**Correspondent Name and Address**

Area Code and Telephone Number

919.387.6907

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments

#

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached.

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number as not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

**Number of Properties**

Enter the total number of properties involved.

#

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$

Method of Payment: Enclosed  Deposit Account

Deposit Account  
Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

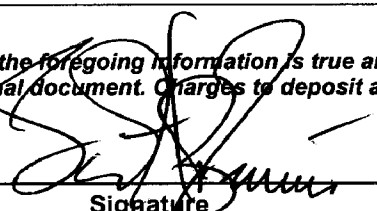
Yes  No

**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. Charges to deposit account are authorized, as indicated herein.

Scott P. Zimmerman 41,390

Name of Person Signing



Signature

January 16, 2004

Date

01/08/04 13:57

NO.278 P004/007

BellSouth Ref: BS030588

**ASSIGNMENT**

WHEREAS, we, Steven Ryals, Frederick Diggle, and Wilson Ryals, have invented certain improvements in geometrical instruments for which we have executed an application for United States Patent entitled

**END ASSEMBLY FOR TAPE RULE.**

WHEREAS, BellSouth Intellectual Property Corporation, a corporation of the State of Delaware, U.S.A., having its principal place of business at 824 Market Street, Suite 901, Wilmington, Delaware 19801, desires to purchase same.

NOW, THEREFORE, in consideration of the sum of Five Dollars (\$5.00) and other good and valuable consideration paid by BellSouth Intellectual Property Corporation, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, transferred and conveyed and by these presents do hereby sell, assign, transfer and convey unto BellSouth Intellectual Property Corporation, in and for the United States and its territories and for foreign countries, the entire right, title and interest in and to said Application in and to the invention therein set forth and in and to any patent which may issue on said application or any reissue, renewal, division, or continuation, in whole, or in part thereof. We hereby bind ourselves, our heirs, our legal representatives, our administrators and assign properly to execute without further consideration, any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect the sale, assignment, transfer and conveyance hereby made or intended to be made.

01/08/04 13:57

NO.278 P005/007

Assignment for "END ASSEMBLY FOR TAPE RULE"  
BellSouth Ref: BS030588

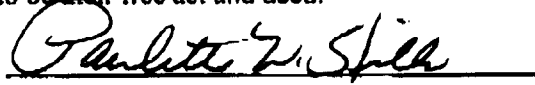
Inventors: Ryals, Diggle & Ryals  
Page 2

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 7 day of  
JANUARY, 2004.

  
Steven Ryals

State of Alabama )  
County of Jefferson )ss.

On this 7<sup>th</sup> day of January, 2004, before me, a notary public, came the above person, known to me to be the individual described in and who executed the foregoing Assignment, and this person duly acknowledged the same to be their free act and deed.

  
Notary Public  
My Commission expires:

(SEAL)

NOTARY PUBLIC STATE OF ALABAMA AT LARGE  
MY COMMISSION EXPIRES: Oct 20, 2004  
BONDED THROUGH NOTARY PUBLIC UNDERWRITERS

01/08/04 13:57

NO.278 P006/007

Assignment for "END ASSEMBLY FOR TAPE RULE"  
BellSouth Ref: BS030588

Inventors: Ryals, Diggle & Ryals  
Page 3

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 7 day of  
JANUARY, 2004.

Frederick Diggle  
Frederick Diggle

State of Alabama )  
County of Jefferson )ss.

On this 7<sup>th</sup> day of January, 2004, before me, a notary public, came the above person, known to me to be the individual described in and who executed the foregoing Assignment, and this person duly acknowledged the same to be their free act and deed.

Paulette M. Spill  
Notary Public  
My Commission expires:

(SEAL)

NOTARY PUBLIC STATE OF ALABAMA AT LARGE  
MY COMMISSION EXPIRES: Oct 20, 2004  
BONDED THROUGH NOTARY PUBLIC INDEMNITY

01/08/04 13:57

NO.27B P007/007

Assignment for "END ASSEMBLY FOR TAPE RULE"  
BellSouth Ref: BS030588

Inventors: Ryals, Diggle & Ryals  
Page 4

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 7 day of  
JANUARY, 2004.

Wilson Ryals  
Wilson Ryals

State of Alabama )  
County of Jefferson )ss.

On this 7<sup>th</sup> day of January, 2004, before me, a notary public, came the above person, known to me to be the individual described in and who executed the foregoing Assignment, and this person duly acknowledged the same to be their free act and deed.

Pauline W. Spilke  
Notary Public  
My Commission expires:

(SEAL)

NOTARY PUBLIC STATE OF ALABAMA AT LARGE  
MY COMMISSION EXPIRES: Oct 20, 2004  
BONDED THRU NOTARY PUBLIC UNDERWRITERS