

FORM PTO-1595  
1-31-92

07-24-1998



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner:

1. Name and Address of Conveying Party(ies):

Gregory S. Lovelace, et al  
6509 Parkridge Drive  
Sachse, Texas

Individual/Citizenship: United States of America

Additional name(s) of conveying party(ies) attached?

Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: December 17, 18, 19, 1996

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: December 17, 18, 19, 1996

A. Patent Application No.(s)

B. Patent No.(s)

Additional Numbers attached?

Yes  No

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

Name: Jerry W. Mills  
Internal Address: BAKER & BOTTS, L.L.P.  
Street Address: 2001 Ross Avenue  
City: Dallas  
State: Texas Zip: 75201-2980

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:  
02-0384

(Attach Duplicate Copy of this page if paying by deposit account)

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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.

Chris J. Rourk  
Name of Person Signing

Signature

December 26, 1996  
Date

Total number of pages including cover sheet

6

OMB No. 0651-0011 (exp. 4/94)

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Commissioner of Patent and Trademarks  
Box Assignments  
Washington, D.C. 20231

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United States Patent and Trademark Office

Recordation Form Cover Sheet - Form PTO-1595 (01/31/92)

Patents Only

Page 2

(Attorney's Docket 036560.5219)

Section 1 - Name of conveying parties

Additional names (individual):

Michael H. Jette  
4901 Dartmont Drive  
Grapevine, Texas 76015  
Citizenship: United States of America

Steven D. Sensel  
8350 CR 666  
Blue Ridge, Texas  
Citizenship: United States of America

Edgar L. Read  
3520 Melanie Lane  
Plano, Texas 75023  
Citizenship: United States of America

Amanda G. Noe  
2901 Val Verde Drive  
Plano, Texas 75025  
Citizenship: United States of America

**ASSIGNMENT**

**WHEREAS**, I, one of the undersigned joint inventors, of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

**WHEREAS**, DSC Telecom L.P. (hereinafter referred to as "Assignee"), a Texas limited partnership, with an address of 1000 Coit Road, Plano, Texas 75075, desires to acquire our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

**NOW, THEREFORE**, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to Assignee.

We also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

We will communicate to Assignee any facts known to us respecting any improvements; and, at the expense of Assignee, we will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention:           **SYSTEM AND METHOD FOR CONTROLLING TIMING IN A DISTRIBUTED DIGITAL CROSS-CONNECT SYSTEM**

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Signature of Inventor:  
Inventor's Name:  
Residence (City, County, State)

Gregory S. Lovelace  
Gregory S. Lovelace  
Sachse, Dallas County, Texas

Date:

12-17-96

Date Application Executed:

12-17-96

Signature of Inventor:  
Inventor's Name:  
Residence (City, County, State)

Michael H. Jette  
Michael H. Jette  
Grapevine, Tarrant County, Texas

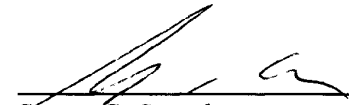
Date:

12-17-96

Date Application Executed:

12-17-96

Signature of Inventor:  
Inventor's Name:  
Residence (City, County, State)

  
\_\_\_\_\_  
Steven S. Sensel  
Blue Ridge, Collin County, Texas

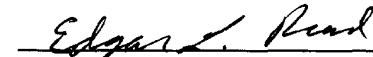
Date:

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Date Application Executed:

12-15-95  
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Signature of Inventor:  
Inventor's Name:  
Residence (City, County, State)

  
\_\_\_\_\_  
Edgar L. Read  
Plano, Collin County, Texas

Date:

12/19/96  
\_\_\_\_\_

Date Application Executed:

12/19/96  
\_\_\_\_\_

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*A.G.N. 12-18-96*

Signature of Inventor:  
Inventor's Name:  
Residence (City, County, State)

*Amanda G. Noe*  
Amanda Noe  
Plano, Collin County, Texas

Date:

12-18-96

Date Application Executed:

12-18-96