

05-18-1998

FORM PTO-1595
1-31-92



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of

100713445

attached original documents or copy thereof.

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

Daniel L. Miller
7650 McCallum Blvd., Apt. 1602
Dallas, Texas 75252-7510

Country/Citizenship: United States of America

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

Yes No

3. Nature of conveyance:

<input checked="" type="checkbox"/>	Assignment	<input type="checkbox"/>	Merger
<input type="checkbox"/>	Security Agreement	<input type="checkbox"/>	Change of Name
<input type="checkbox"/>	Other		

Execution Date: 3/30/98

2. Name and Address of receiving Party(ies):

Name: DSC Telecom L.P.

Internal Address:

Street Address: 1000 Coit Road

City: Plano

State: TX Zip: 75075

a Texas limited partnership

Additional name(s) & 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: _____

A. Patent Application No.(s) 09/001,316

B. Patent No.(s)

Additional Numbers attached? Yes No

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

Name: Charles S. Fish, Esq.
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: One

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)

5/14/1998 STORWTO 00000032 09001316
1 FC:581 40.00 DP

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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.

Charles S. Fish
Name of Person Signing

Signature

May 6, 1998
Date

Total number of pages including cover sheet

4

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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U.S. Patent and Trademark Office

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

Patents Only

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(Attorney's Docket: 036560.6185)

Section 1 - Name of conveying parties

Additional name (individual):

Scott J. Haney
1117 Shadetree Lane
Allen, Texas 75013
Individual/U.S. Citizen

Christopher J. Ouellette
2603 Greenway Drive
McKinney, Texas 75070
Individual/U.S. Citizen

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.

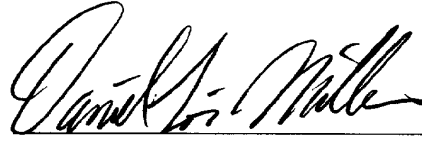
We also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world, including 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: PERFORMANCE MONITORING DELAY MODULES

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



Daniel L. Miller
Dallas, Dallas County, Texas

Date:

30 March 1998

Date Application Executed:

30 March 1998

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



Scott J. Haney
Plano, Collin County, Texas

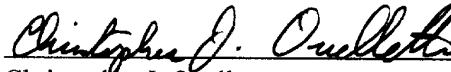
Date:

3/30/98

Date Application Executed:

3/30/98

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



Christopher J. Ouellette
McKinney, Collin County, Texas

Date:

3/30/98

Date Application Executed:

3/30/98