

REC



SHEET

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

1. Name of conveying party(ies)
 Fiber Optic Network Solutions Corporation

11.24-98

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

2. Name and address of receiving party(ies)

Name: CFX Communication Systems, LLC

Internal Address: _____

Street Address: 71 Lyman Street

City: Northboro State: MA ZIP: 01532

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other Re-Assignment

Execution Date: November 16, 1998

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)

08/398,987

08/913,042

08/670,722

Additional numbers attached? Yes No

B. Patent No.(s)

5,710,653

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

Name: Thomas O. Hoover

Internal Address: _____

Hamilton, Brook, Smith & Reynolds, P.C.

Street Address: Two Militia Drive

City: Lexington State: MA ZIP: 02421-4799

6. Total number of applications and patents involved: [4]

7. Total Fee (37 C.F.R. 3.41)..... \$ 160.00

Enclosed

Authorized to charge any deficiencies or credit any overpayment to deposit account

8. Deposit account number:

08-0380

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

12/04/1998 DMB:YEN 00000023 00398987

01 Fee:501 160.00 UP

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.

Timothy J. Meagher
 Name of Person Signing

Signature

11/18/98
 Date

Total number of pages including cover sheet, attachments, and document: [4]

ASSIGNMENT OF PATENTS AND PATENT APPLICATIONS
(UNITED STATES AND FOREIGN)

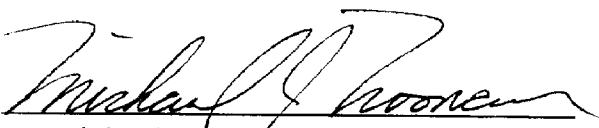
Whereas, Fiber Optic Network Solutions Corporation, a Massachusetts corporation, having a place of business in 71 Lyman Street, Northboro, Massachusetts 01532 (hereinafter "Assignor") is the sole owner of the entire right, title and interest in and to the United States and Foreign Letters Patents and Patent Applications described in Schedule A attached hereto and made a part hereof (hereinafter "Patents"); and

Whereas, CFX Communication Systems, LLC, a Delaware Limited Liability Company, having a place of business in 71 Lyman Street, Northboro, Massachusetts 01532 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to the Patents.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer Assignor's entire right, title and interest in and to the Patents and all reissues and extensions thereof, including all claims, if any, which may have arisen for infringement of the patents prior to the date of this assignment, all said rights to be held and enjoyed by the Assignee for its own use and for the use of its successors, assigns or other legal representatives, to the full end of the term for which the Patents have been or will be granted, extended or reissued, as fully and entirely as the same would have been held and enjoyed by the Assignor if this assignment and sale had not been made.

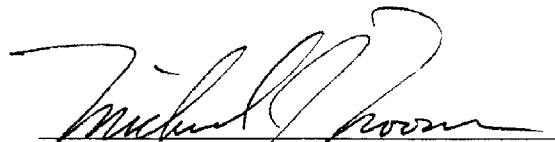
Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, that may be or become necessary for obtaining, sustaining, or reissuing the Patents, and for maintaining and perfecting Assignee's right to the Patents.

IN WITNESS WHEREOF, said Fiber Optic Network Solutions Corporation has caused these presents to be signed by its duly authorized officer below named effective as of the date written below.

BY: 
Michael J. Noonan, President
Fiber Optic Network Solutions Corporation

Date: 11/16/98

State/Commonwealth of Massachusetts


Michael J. Noonan

County of Worcester

Then personally appeared before me the above-named Michael J. Noonan and acknowledged that he is an officer of said corporation, that he executed the foregoing instrument on behalf of such corporation with authority to do so, and that signing of the instrument is the free act and deed of the corporation.

Dated this 16th day of November, 1998.

Catherine L. Twiss Notary Public

(SEAL)

Catherine L. Twiss (print name)

My Commission expires 10/16/03

CATHERINE L. TWISS
Notary Public
My Comm. Expires Oct. 16, 2003