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FORM PTO-1595  
1-31-92

SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

SSH 9/92

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

1. Name of conveying party(ies):

Michael D. Vanderhoof  
Marc DeFrancesco

2. Name and address of receiving party(ies):

Fujitsu Network Communications, Inc.  
2801 Telecom Parkway  
Richardson, TX 75082

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_

Execution Date(s): October 27, 1998 and October 30, 1998

4. Application number(s) or patent number(s):

This document is being filed together with a new application:

- (a) The execution date(s) of the application is/are: October 27, 1998 and October 30, 1998  
(b) The title is: OPTICAL FIBER ROUTING DEVICE AND METHOD OF ASSEMBLY THEREFOR  
\*\*\* OR \*\*\*

This document is being filed after filing of the application:

- (a) Patent Application No(s). \_\_\_, filed \_\_; or  
(b) Patent No(s). \_\_\_, issued \_\_\_\_\_.

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

STAAS & HALSEY Our Docket: 1011.1015  
Attention: Mark J. Henry  
700 Eleventh Street, N.W.  
Suite 500  
Washington, D.C. 20001

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 No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)  
(Attach duplicate copy of this page if paying by deposit account)

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.*

Mark J. Henry, Reg. 36,162

Name of Person Signing

Signature

Oct. 30, 1998  
Date

Total number of pages comprising cover sheet: 1

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01/05/1998 JWH/TLS 09182473  
FC:561

PATENT

REEL: 9557 FRAME: 0960

MRD 10-30-98

Docket No. 1011.1015  
(Worldwide Rights)

## ASSIGNMENT

Seri 1298

**WHEREAS:**

(FULL NAME(S) AND  
POST OFFICE ADDRESS(ES)  
(including country)  
OF INVENTOR(S))

Michael David Vanderhoof2801 Telecom ParkwayRichardson, TX 75082Marc DeFrancesco2206 Pleasant Hill Rd.Sebastapol, CA 95472

(hereinafter, referred to as ASSIGNOR), has/have invented certain new and useful improvements in an invention entitled

(TITLE OF INVENTION)

OPTICAL FIBER ROUTING DEVICE AND METHOD OF ASSEMBLY THEREFOR

(COMPLETE EITHER

(a), (b), (c) or (d))

- (a) for which an application for United States Letters Patent is being executed and filed concurrently herewith;
- (b) for which an application for United States Letters Patent was executed on \_\_\_\_\_;
- (c) for which an application for United States Letters Patent was filed on \_\_\_\_\_, Serial No. \_\_\_\_\_;
- (d) for which United States Letters Patent No. \_\_\_\_\_ has issued on \_\_\_\_\_.

**WHEREAS:**

(FULL NAME AND  
ADDRESS (including country)  
OF ASSIGNEE (if a corporation,  
so state and identify state/country  
of corporation))

Fujitsu Network Communications, Inc.2801 Telecom ParkwayRichardson, TX 75082

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

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NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt and sufficiency of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

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 and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative 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 in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS THEREOF, I/We have hereunto set hand and signed on the date indicated below:

SIGNATURE(S)

The signature(s) must  
correspond with the name(s)  
of the inventor(s) above.

INVENTOR(S)DATE SIGNEDWITNESS(ES)

1) Michael D. Vanderhoof, 10-30-98  
Michael D. Vanderhoof

Henry J. Carter

2) Marc De Francesco, 10/27/98  
Marc De Francesco

Chris Ulin