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R SHEET

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To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Thomas Fuhrmann

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

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

Name: Wavetek Wandel Goltermann Eningen GmbH

Address: Mühleweg 5, D-72800 Eningen, Germany

Address: _____ MAY 29 2001 _____

City: _____ State: _____ Zip: _____

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: May 3, 2001

4. Application No. 09/780,265

Filed: February 9, 2001

If this document is being filed together with a new application, the execution date of the application is: _____

B. Patent No(s).

Additional numbers attached? Yes No

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

Name: Eugene LeDonne, Esq.
REED SMITH LLP
375 Park Avenue
New York, NY 10152

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
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8. Deposit account number:
50-1529
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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 and correct copy of the original document.

Eugene LeDonne
Name of Person Signing

May 24, 2001
Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
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PATENT
REEL: 011849 FRAME: 0917

ASSIGNMENT

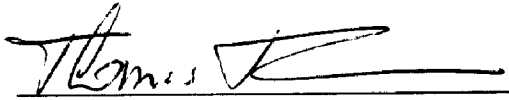
WHEREAS, the undersigned (hereinafter referred to as ASSIGNOR) has invented a certain invention entitled LIGHT WAVEGUIDE WITH INTEGRATED INPUT APERTURE FOR AN OPTICAL SPECTROMETER which was filed at the United States Patent and Trademark Office on February 9, 2001, and granted Application No. 09/780,265.

WHEREAS, Wavetek Wandel Goltermann Eningen GmbH, a corporation organized and existing under the laws of Germany and having a place of business at Mühleweg 5, D-72800 Eningen, Germany (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.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE 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 any application or any continuation, divisional, renewal, substitute 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.

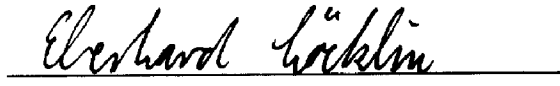
ASSIGNOR HEREBY COVENANTS that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale; and

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.



Thomas Fuhrmann

Date: 3. Mai 2001



Signature of Witness

Date: 3. 5. 2001