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To the Honorable Commission

the amended original documents or copy thereof

1. Name of conveying Party(ies):

2. Name and address of receiving party(ies)

Akzo Nobel N.V.

Name: **JDS Fitel Photonics C.V.**
Street Address: **Velperweg 76,
6824 BM Arnhem**
Country: **the Netherlands**

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

3. Nature of Conveyance:

Assignment
Security Agreement

Merger
Change of Name

Additional name(s) & addresses attached? Yes No

Execution Date: **February 3, 1999**

4. Application number(s) or patent number(s) **5,470,692**

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

A. Patent Application No.(s)

B. Patent No.(s) **5,470,692**

Additional numbers attached? Yes No

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

6. Total number of applications and patents involved **1**

Name: **Neil Teitelbaum and Associates
Registered Patent and Trademark Agents Limited**

7. Total fee (37 CFR 3.41)**\$40.00**

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Authorized to be charged to deposit account

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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.

Neil Teitelbaum
Name of Person Signing

Signature

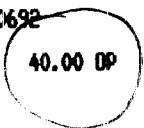
November 16, 1999
Date

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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Washington D.C. 20231

12/07/1999 TT0N11 00000023 5470692

01 FC:581



PATENT
REEL: 010404 FRAME: 0927

ACR 2194

United States-1

ASSIGNMENT OF PATENT

WHEREAS, AKZO NOBEL N.V. (hereinafter "Assignor"), a corporation organized and existing under the laws of the Netherlands and having a principal office at Velperweg 76, 6824 BM ARNHEM, the Netherlands, is the partial owner by assignment of the United States Patent identified herein; and

WHEREAS, JDS FITELE Photonics C.V. (hereinafter "Assignee"), having a principal office at Velperweg 76, 6824 BM Arnhem, the Netherlands, is desirous of acquiring the Assignor's part of right title and interest in and to the said United States Patent and the invention covered thereby:

THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged, Assignor hereby sells, assigns, transfers and sets over unto Assignee, its successors, assigns and legal representatives Assignor's part of the right, title and interest in and to:

U.S. Patent No.: 5,470,692,
Issue date: November 28, 1995,
Inventors: M.B.J. DIEMEER, W.H.G. HORSTHUIS,
A. McDONACH, J.M. COPELAND,
Title: Integrated optic components,

and all divisional, continuing, substitute and all other applications for Letters Patent which have been or shall be filed in the United States on the subject matter of said patent application, and in and to all patents, reissue patents, extensions and reexamination certifications which have been or shall be issued in the United States on said subject matter, the same to be held and enjoyed by Assignee for its own use and behoof and for the use and behoof of its successors, assigns, or other legal representatives;

Said Assignor, to carry out in good faith the intent and purpose of this assignment, will execute all rightful oaths, assignments, powers of attorney and other papers, communicate with said Assignee, its successors and assigns and representatives all facts known, and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection and for vesting title to the rights and property herein conveyed in said Assignee, its successors, assigns and legal representatives;

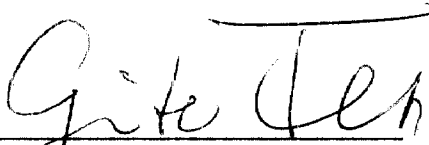
Assignor covenants with Assignee that no assignment, grant, mortgage, license or other agreement adversely affecting the rights and property herein conveyed has been made to any other entity by Assignor, and the full right to convey the same as herein expressed is possessed by Assignor;

In witness whereof, this assignment is executed by Assignor
at Arnhem, this 3rd day of February 1999

Akzo Nobel N.V.

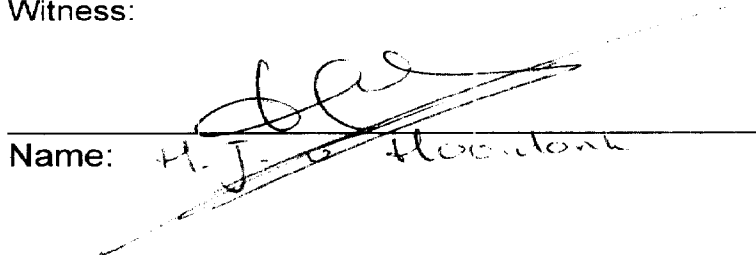


Name: Pieter Cornelis Schalkwijk
Title: Holder of Proxy



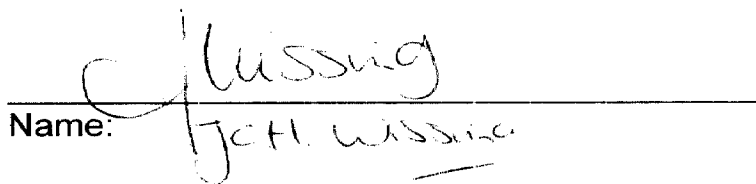
Name: Günter Fett
Title: Holder of Proxy

Witness:



Name: H. J. P. Hooftonk

Witness:



Name: J. H. Wissing