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Patents and Trademarks Office
File No: 10-187 US/PCT;
10-188 US/PCT; 10-192 US/PCT;
10-193 US/PCT; 10-196 US
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To the Honorable Commissioner of Patents and Trademarks: Please record the amended original documents or copy thereof

1. Name of conveying Party(ies):

JDS Fitel Photonics C.V.

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

2. Name and address of receiving party(ies)

Name: JDS Uniphase Photonics C.V.

Street Address: Velperweg 76, 6824 BM

City: Arnhem

Country: the Netherlands

Additional name(s) & addresses attached? Yes No

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Merger
- Change of Name

Execution Date: January 16, 2001

4. Application number(s) or patent number(s) 09/388,853; 09/402,753; 09/478,510; 09/463,781;
09/538,594; 09/397,080; 09/399,726

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

Patent Application No.(s) 09/388,853; 09/402,753; 09/478,510; 09/463,781;
09/538,594; 09/397,080;
09/399,726

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Randy W. Lacasse
Lacasse & Associates
Address: 2001 Jefferson Davis Highway, Suite 806
City: Arlington, Virginia, 22202
Country: U.S.A.

6. Total number of applications and patents involved 7

7. Total fee (37 CFR 3.41)\$280.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 50-1465

(attach duplicate copy of this sheet if paying by deposit acct)

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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.

Randy W. Lacasse
Name of Person Signing

Signature

5/7/01
Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments, Washington D.C. 20231

PATENT
REEL: 011775 FRAME: 0519

ASSIGNMENT

Whereas, **JDS Fitel Photonics C.V.**, whose full post office address is **Velperweg 76, 6824 BM, Arnhem, the Netherlands**, owns by assignment the inventions as described in the respective applications for Letters Patent in the United States of America entitled.

POLYMERIC OPTICAL WAVEGUIDE DOPED WITH A LANTHANIDE-SENSITIZER COMPLEX

filed August 1, 1999 under serial number 09/388,853

and

POLYMERIC PHASED ARRAY

filed September 17, 1999 under serial number 09/402,753

and

~~OPTICAL SWITCH MATRIX COMPRISING AN IMPROVED LEAD PATTERN~~

~~filed December 6, 1999 under serial number 09/403,730~~ *Abandoned*

~~and~~

THERMO-OPTICAL CASCADED SWITCH COMPRISING GATES

filed January 6, 2000 under serial number 09/478,510

and

CASCADED OPTICAL SWITCH COMPRISING AT LEAST ONE GATE

filed May 12, 2000 under serial number 09/463,781

and

OPTICAL WAVEGUIDE COMPONENT

filed March 24, 2000 under serial number 09/538,594

and

OPTICAL INTENSITY MODULATOR AND SWITCH COMPRISING THE SAME

filed September 16, 1999 under serial number 09/397,080

and

POWER TAP

filed September 20, 1999 under serial number 09/399,726

And WHEREAS **JDS Uniphase Photonics C.V.**, whose full post office address is **Velperweg 76, 6824 BM, Arnhem, the Netherlands**, is desirous of acquiring the entire interest therein;

NOW, THEREFORE, in consideration of ONE DOLLAR (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, **JDS Fitel Photonics C.V.**, by these presents do sell, assign and transfer unto **JDS Uniphase Photonics C.V.**, the full and exclusive right, for the territory of the United States of America, and all other countries, in and to the said inventions, and we hereby request the Commissioner of Patents and Trademarks to issue said Letters Patents to **JDS Uniphase Photonics C.V.**, as the assignee, for the sole use and behoof of **JDS Uniphase Photonics C.V.**, and its legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by ourselves had this assignment and sale not been made.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

Executed this 6 day of January 2001.

at Nepean.

(Signature of Signing Authority) _____



for JDS Fitel Photonics C.V.

(Print Name) Winfried H.G. Horsthuis

(Title) Acting General Partner

Declaration by Witness

I, Tania Richard, whose full post office address is

25 Rochester St, Unit 15, Ottawa ON say:

KIR 7L3

That I was personally present and did see the above identified representative of **JDS Fitel Photonics C.V.**, who is personally known to me duly sign and execute the above Assignment.

Tania Richard

Signature of Witness