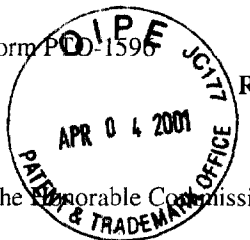


04-17-2001



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PATENTS ONLY

461

Patents and
Trademarks Office
File No: 10-172 US;
10-172 US CIP; 10-178 US;
10-179 US

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

3. Nature of Conveyance:

Additional name(s) & addresses attached? ☐ Yes ☒ No

☒ Assignment
Security Agreement

Merger
Change of Name

Execution Date: January 16, 2001

4. Application number(s) or patent number(s) 5,581,398; 5,657,156; 5,861,976; 5,908,916

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

Patent Application No.(s)

B. Patent No.(s) 5,581,398;

5,657,156;

5,861,976;

5,908,916

Additional numbers attached? Yes ☒ No

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

Name: Neil Teitelbaum
JDS Uniphase Corporation
Intellectual Property Department
Street Address: 1187 Bank Street, Suite 201
City: Ottawa
Province: Ontario
Postal Code: K1S 3X7
Country: Canada

6. Total number of applications and patents involved 4

7. Total fee (37 CFR 3.41)\$160.00

Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number: 50-1465

CUSTOMER NO: 24949


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

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.

Neil Teitelbaum
Name of Person Signing


Signature

April 3, 2001
Date

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

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

PATENT
REEL: 011675 FRAME: 0015

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 Letters Patent in the United States of America entitled

POLYMERIC OPTICAL AMPLIFIER DOPED WITH LANTHANIDE

filed August 19, 1994 under serial number 08/256,035 and issued December 3, 1996 under patent number 5,581,398

And

POLYMERIC OPTICAL AMPLIFIER DOPED WITH LANTHANIDE

filed March 15, 1996 under serial number 08/615,482 and issued August 12, 1997 under patent number 5,657,156

And

AT LEAST PENTA-LAYERED OPTICAL DEVICE

filed December 15, 1997 under serial number 08/990,331 and issued January 19, 1999 under patent number 5,861,976

And

CROSS-LINKED OR CROSS-LINKABLE OPTICAL POLYCARBONATES AND OPTICAL COMPONENTS COMPRISING SAID OPTICAL POLYCARBONATES

filed March 7, 1997 under serial number 08/750,284 and issued June 1, 1999 under patent number 5,908,916.

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 16 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:

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