Form PTO-1596

RECORD

09-27-1999

ITS ONLY

Patents and Trademarks Office File No: 10-161 US CIP

.ed original documents or copy thereof

570 West Hunt Club Road

101154099 sioner of Pater.

2. Name and address of receiving party(ies)

Nepean

Ontario

Canada

K2G 5W8

JDS Fitel Inc.

Yihao Cheng and Gary S. Duck Name: Street Address:

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

3. Nature of Conveyance:

X Assignment

Merger

Security Agreement

1. Name of conveying Party(ies):

Change of Name

Additional name(s) & addresses attached?

Yes X No

Execution Date: September 8, 1999,

September 9, 1999

4. Application number(s) or patent number(s) 09/369,343

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

A. Patent Application No. (s) 09/369,343

B. Patent No.(s)

dditional numbers attached? Yes X No

X Enclosed

City:

Province:

Country:

Postal Code:

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

Registered Patent and Agent Mark Agents Limited

Street Address: 834 Colonel By Drive

Name: Neil Teitelbaum and Associates

City:

Ottawa

Province:

Ontario

Postal Code:

K1S 5C4

Country:

Canada

8. Deposit account number:

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

6. Total number of applications and patents involved 1

Authorized to be charged to deposit account

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

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

September 9, 1999

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 09/24/1999 DNGUYEN 00000277 09369343

01 FC:581

40.00 DP

PATENT REEL: 010261 FRAME: 0074

ID=1 613 823 4985 P02/03

File No: 10-161 US CIP

ASSIGNMENT

Whereas, Yihao Cheng and Gary S. Duck, citizens of Canada, whose full post office addresses are 36 Meadowbreeze Drive, Kanata, Ontario, Canada K2M 2L6 and 6 Barcham Crescent, Nepean, Ontario, Canada K2J 3Z7 respectively, have made an invention as described in the application for Letters Patent in the United States of America entitled

OPTICAL COUPLING SYSTEM

filed herewith.

And WHEREAS JDS FITEL Inc., whose full post office address is 570 West Hunt Club Road, Nepean, Ontario, Canada K2G 5W8, 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 WE, by these presents do sell, assign and transfer unto JDS FITEL Inc., the full and exclusive right, for the territory of the United States Of America, and all other countries, in and to the said invention, and we hereby request the Commissioner of Patents and Trademarks to issue said Letters Patents to JDS FITEL Inc. as the assignee, for the sole use and behoof of JDS FITEL Inc., 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 myself had this assignment and sale not been made.

I hereby declare that all statements made herein of my 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

1

FROM: 613 730 0536

P02

09-03-99 14:35 TO: JDS FITEL Inc.

States Code and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

Executed this The day of Splember, 1999. at Nepoan Canada.

Declaration by Witness

I, Elizabeth Nowak, whose full post office address is 25 East Adams St Nepearsay:

That I was personally present and did see Yihao Cheng, who is personally known to me, duly sign and execute the above Assignment.

Signature of Witness

Executed this St day of Soplembe, 1999. at Nepoan, Canada.

Declaration by Witness

I, Flizabeth Nowak, whose full post office address is 25 Fart Adams St. Nepoal say:

That I was personally present and did see Gary S. Duck, who is personally known to me, duly sign and execute the above Assignment.

2

09-03-99 14:35 TO:JDS FITEL Inc.

RECORDED: 09/14/1999

FROM: 613 739 9536

P03

PATENT REEL: 010261 FRAME: 0076