

Form PTO-1596

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File No: 10-468 US

needed original documents or copy thereof

1. Name of conveying Party(ies):

Vincent Delisle, Steven David Oliver, Alan J.P. Hnatiw

2. Name and address of receiving party(ies)

Name: **JDS Uniphase Inc.**  
Street Address: **3000 Merivale Road**  
City: **Ottawa**  
Province: **Ontario**  
Country: **Canada**  
Postal Code: **K2G 6N7**

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

3. Nature of Conveyance:

Assignment  Merger  
 Security Agreement  Change of Name

Additional name(s) & addresses attached?  Yes  No

Execution Date: **April 17, 2001; April 17, 2001; April 16, 2001**

4. Application number(s) or patent number(s) - **09/836,459**

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

A. Patent Application No.(s) **09/836,459**

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: **Neil Teitelbaum**  
**Teitelbaum & MacLean**  
Street Address: **1187 Bank Street, Ste 201**  
City: **Ottawa**  
Province: **Ontario**  
Postal Code: **K1S 3X7**  
Country: **Canada**

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

8. Deposit account number: **50-1465**

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

CUSTOMER NO: **24949**

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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.

Neil Teitelbaum  
Name of Person Signing

Signature

October 28, 2003  
Date

11/04/2003 ECOMP PER 00000017 501465 09836459

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

Mail documents to be recorded with required cover sheet information to:  
Director - USPTO  
P.O. Box 1450, Alexandria, VA 22313-1450

**PATENT**  
**REEL: 014643 FRAME: 0251**

**ASSIGNMENT**

Whereas, **Vincent Delisle, Steven David Oliver and Alan J.P. Hnatiw**, citizens of Canada, whose full post office addresses are **63 Whitestone Drive, Ottawa, Ontario, Canada, K2C 4B3; 136 Blackburn Avenue, Ottawa, Ontario, Canada, K1N 8A7 and 39 Hartin Street, Stittsville, Ontario, Canada, K2S 1B9**, respectively, have made an invention as described in the application for Letters Patent in the United States of America entitled

**ARRAYED WAVEGUIDE GRATING HAVING A REFLECTIVE INPUT COUPLING**

filed herewith.

And WHEREAS **JDS Uniphase 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;

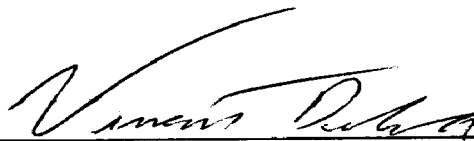
NOW, THEREFORE, in consideration of ONE DOLLAR (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged **WE**, by these presents do sell, assign and transfer unto **JDS Uniphase Inc.**, the full and exclusive right, for the territory of the United States Of America, 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 Uniphase Inc.** as the assignee, for the sole use and behoof of **JDS Uniphase 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

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

Executed this 17<sup>th</sup> day of APRIL, 2001.

at OTTAWA, Canada.



**Vincent Delisle**

**Declaration by Witness**

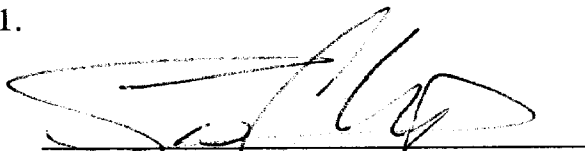
I, Karen Stauss, whose full post office address is 312 Oakdale Ave, Ottawa ON say:

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

  
Signature of Witness

Executed this 17 day of APRIL, 2001.

at OTTAWA, Canada.

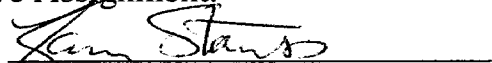


**Steven David Oliver**

**Declaration by Witness**

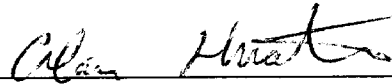
I, Karen Stauss, whose full post office address is 312 Oakdale Ave Ottawa ON say:

That I was personally present and did see **Steven David Oliver**, who is personally known to me, duly sign and execute the above Assignment.

  
Signature of Witness

Executed this 16 day of April, 2001.

at Nepean, Canada.



Alan J.P. Hnatiw

**Declaration by Witness**

I, Doug MacLean, whose full post office address is  
8 Mathwin Cres, Kanata, Ont say:

That I was personally present and did see **Alan J.P. Hnatiw**, who is personally known to me, duly sign and execute the above Assignment.



Signature of Witness