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Patents and Trademarks Office  
File No: 10-303 US

To the Honorable Commissioner of Patents

and original documents or copy thereof

1. Name of conveying Party(ies):

**Thomas Ducellier**

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

2. Name and address of receiving party(ies)

Name: **JDS Uniphase Inc.**  
Street Address: **570 West Hunt Club Road**  
City: **Nepean**  
Province: **Ontario**  
Country: **Canada**  
Postal Code: **K2G 5W8**



3. Nature of Conveyance:

Assignment  
 Security Agreement  
 Merger  
 Change of Name

Additional name(s) & addresses attached? Yes  No

Execution Date: **November 12, 1999**

4. Application number(s) or patent number(s)

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

**November 12, 1999**

A. Patent Application No.(s)

B. Patent No.(s)

*09/447348*

Additional numbers attached? Yes  No

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

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

Street Address: **834 Colonel By Drive**  
City: **Ottawa**  
Province: **Ontario**  
Postal Code: **K1S 5C4**  
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: \_\_\_\_\_  
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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

November 15, 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

12/15/1999 TTOM11 00000254 09447348

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File No: 10-303 US

ASSIGNMENT

Whereas, **Thomas Ducellier**, a citizen of ~~Canada~~ <sup>France</sup>, whose full post office address is 415 Besserer Street, Ottawa, Ontario, Canada K1N 6B9, has made an invention as described in the application for Letters Patent in the United States of America entitled

RESONANT OPTICAL CAVITY

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, I, 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.

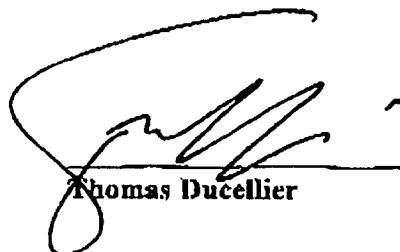
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18

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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 12th day of November 1999.

at Nepean, Canada.



Thomas Ducellier

**Declaration by Witness**

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

Nepean, say:

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



Signature of Witness