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August 18, 2000
Attorney Dkt. 9134-22

To the Honorable Commissioner of Patents and Trademarks:
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Cronos Integrated Microsystems, Inc.
3000 Aerial Center Parkway
Suite 110
Morrisville, North Carolina 27560

mfj
8.18.00

2. Name and address of receiving party(ies):

JDS Uniphase Inc.
570 West Hunt Club Road
Nepean, Ontario
Canada K2G 5W8

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

3. Nature of conveyance:

- Assignment
- Merger
- Security Agreement
- Change of Name
- Other

Execution Date: August 18, 2000

Additional name(s) & address(es) attached? Yes No

4. Application Serial No. _____

Patent No. 5,909,078

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

Additional numbers attached? Yes No

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

Mitchell S. Bigel
Myers Bigel Sibley & Sajovec
P. O. Box 37428
Raleigh NC 27627

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: 50-0220

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.

Mitchell S. Bigel, Reg. No. 29,614
Name of Person Signing

Mitchell S. Bigel
Signature

August 18, 2000
Date

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

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ASSIGNMENT

Whereas, **Cronos Integrated Microsystems, Inc.**, whose full post office address is **3000 Aerial Center Parkway, Suite 110, Morrisville, North Carolina, USA, 27560** owns by assignment an invention as described in **United States Patent No. 5,909,078** entitled

THERMAL ARCHED BEAM MICROELECTROMECHANICAL ACTUATORS
filed December 16, 1996 under serial No. 08/767,192 and issued June 1, 1999.

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, **Cronos Integrated Microsystems, Inc.**, 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 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 willful false statements may jeopardize the validity of the application or any patent issued thereon.

Executed this 18 day of August, 2000.

(Signature of Signing Authority) *Karen W. Markus*
for Cronos Integrated Microsystems, Inc.

(Print Name) Karen W. Markus

(Title) Vice President and Chief Technical Officer

STATE OF NORTH CAROLINA)
) ss:
COUNTY OF WAKE)

Before me personally appeared Karen W. Markus, to me known to be the person described in and who executed the foregoing instrument, and she acknowledged to me that she executed the same for the purpose therein stated, this 18th day of August, 2000.

Carrie L. Rizzo
Notary Public

SEAL

My Commission Expires: My Commission Expires February 27, 2002