

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yuan Ma</td> <td>09/16/2004</td> </tr> <tr> <td>Mohiuddin Mala</td> <td>12/08/2004</td> </tr> <tr> <td>John Michael Miller</td> <td>09/16/2004</td> </tr> </tbody> </table>		Name	Execution Date	Yuan Ma	09/16/2004	Mohiuddin Mala	12/08/2004	John Michael Miller	09/16/2004
Name	Execution Date								
Yuan Ma	09/16/2004								
Mohiuddin Mala	12/08/2004								
John Michael Miller	09/16/2004								
RECEIVING PARTY DATA									
Name:	JDS Uniphase Inc.								
Street Address:	3000 Merivale Road								
City:	Ottawa, Ontario								
State/Country:	CANADA								
Postal Code:	K2G 6N7								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>10944840</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	10944840				
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Application Number:	10944840								
CORRESPONDENCE DATA									
Fax Number:	(613)523-6799								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	613-523-3784 ext.102								
Email:	melanie@patents.org								
Correspondent Name:	Teitelbaum & MacLean								
Address Line 1:	1187 Bank Street, Suite 201								
Address Line 4:	Ottawa, Ontario, CANADA K1S 3X7								
NAME OF SUBMITTER:	Melanie Budarick								
Total Attachments: 4 source=10-595 US CIP Signed assignment#page1.tif source=10-595 US CIP Signed assignment#page2.tif source=10-595 US CIP Signed assignment#page3.tif source=10-595 US CIP Signed assignment#page4.tif									

CH \$40.00 10944840

ASSIGNMENT OF INVENTION
UNIVERSAL

WHEREAS, I/we **Yuan Ma**, a citizen of Canada; **Mohiuddin Mala**, a citizen of Canada; and **John Michael Miller**, a citizen of Great Britain; whose full post office address(es) is/are **40 Greatwood Cr., Nepean, Ontario, K2G 6T7, Canada; 73 Emerald Meadows Drive, Kanata, Ontario, K2M 2L5, Canada; and 53 Rue Felix-Leclerc, Aylmer, Quebec, J9H 6Y2, Canada, respectively**, have made an invention as described in the patent application entitled

TWO-STEP ELECTRODE FOR MEMS MICROMIRRORS

filed herewith.

I/we hereby authorize my/our attorney to insert here in parentheses (Application Number 10/944,840, filed September 21, 2004), the filing date and application number of said application, when known.

WHEREAS, **JDS Uniphase Inc.** (hereinafter referred to as the assignee), whose full post office address is **3000 Merivale Road, Ottawa, Ontario, K2G 6N7, Canada** is desirous of acquiring the entire right, title and interest in and to said invention or inventions and in and to any and all patents to be obtained therefor;

NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we have and by these presents do hereby sell, assign and transfer unto said assignee, its successors and assignees, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application, and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents, reissues or extensions thereof to be obtained in this or any foreign country upon said invention or

inventions, and any divisional, continuation, substitute application(s) or supplementary disclosure(s) which may be filed upon said invention or inventions, in any country; and I/we hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said assignee.

I/We 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 16th day of September 2004.

at Ottawa
(place)



Yuan Ma

Declaration by Witness

I, Abduljaleel MOIDU, whose full post office address is
8 Greenpoint Dr., Nepean, K2J4T4 say:

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



Signature of Witness

Executed this 8 day of December, 2004.

at Ottawa
(place)

Mohiuddin Mala
Mohiuddin Mala

Declaration by Witness

I, Joshua Philipson, whose full post office address is
A-498 CLARENCE ST. EAST, OTTAWA, ONT. say:
KIN 552

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

Josh Philipson
Signature of Witness

Executed this ____ day of _____, 2004.

at _____
(place)

John Michael Miller

Declaration by Witness

I, _____, whose full post office address is
_____ say:

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

Signature of Witness

Executed this ____ day of _____, 2004.

at _____
(place)

Mohiuddin Mala

Declaration by Witness

I, _____, whose full post office address is _____ say:

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

Signature of Witness

Executed this 16th day of September, 2004.
at Ottawa
(place)

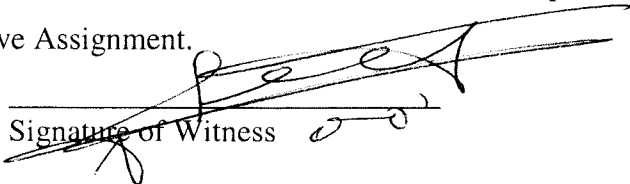


John Michael Miller

Declaration by Witness

I, Abdul Jaleel MOIDU, whose full post office address is 8 Greenpointe Dr. Nepean say:
K2J 4T9

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



Signature of Witness