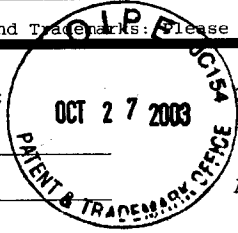


1-31-92 10/27/03

PATENTS ONLY

Patent & Trademark Office

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



1. Name of conveying party(ies):

Erji MAO

Stuart MACCORMACK

Greg ROTH

Steven SANDERS

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

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

Name: JDS UNIPHASE CORPORATION

Address: 1768 AUTOMATION PARKWAY

SAN JOSE, CA 95131

11-03-2003



102590637

3. Nature of Conveyance:

- (X) Assignment () Merger
- () Security Agreement () Change of Name
- () Other _____

Execution Date: 06/25/03, 07/01/03, 07/11/03, 07/31/03

Additional name(s) and address(s) attached? ()Yes (X)No

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: _____

A. Patent application No.(s) B. Patent No.(s)

10/611,784

Additional numbers attached? ()Yes (X)No

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

Name: Charles E. Wands, Esq.

Internal Address: Allen, Dyer,

Doppelt, Milbrath & Gilchrist, P.A.

Street Address: 1901 S. Harbor City Blvd.

Suite 507

City: Melbourne

State: Florida Zip: 32901

6. Total number of applications and patents involved: [1]

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

[] Enclosed

[X] Authorized to be charged to Deposit account.

8. Deposit Account Number:

50-1465

If any additional extension and/or fee is required, or, if any additional fee for claims is required.

10/31/2003 6TON11 00000043 501465 10611784

01 FC:0021 40.00 DA

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.

Charles E. Wands

Name of Person Signing

Signature

October 22, 2003

Date

Total number of pages including cover sheet, attachments and document: [6]

**ASSIGNMENT OF INVENTION
UNIVERSAL**

WHEREAS, we **Erji Mao**, a citizen of China, **Stuart MacCormack**, a citizen of the United Kingdom, **Greg Roth and Steven Sanders**, citizens of the United States whose full post office addresses are **81 Shelley Avenue, Campbell, California, 95008, USA; 580 Front Lane, Mountain View, California, 94104, USA; 18591 Medford Ave, Santa Ana, California, 92705, USA; and 3606 Reposo Way, Belmont, California, 94002, USA, respectively**, have made an invention as described in the patent application entitled

AUTOMATIC RAMAN GAIN CONTROL

filed herewith.


I/we hereby authorize my/our attorney to insert here in parentheses (Application Number 10/611,784 , filed June 30, 2003), the filing date and application number of said application, when known.

WHEREAS, **JDS Uniphase Corporation** (hereinafter referred to as the assignee), whose full post office address is **1768 Automation Parkway, San Jose, California, 95131, USA** 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, 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 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 25th day of June, 2003.
at San Jose, CA.


Erji Mao

Declaration by Witness

I, H. Bukhems, whose full post office address is 555 W. Middlefield Rd
Mountain View 94043-Ca
say:

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


Signature of Witness

Executed this ____ day of _____, 2003.
at _____.

Stuart MacCormack

Declaration by Witness

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

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

Signature of Witness

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 _____ day of _____, 2003.
at _____.

Erji Mao

Declaration by Witness

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

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

Signature of Witness

Executed this 1st day of July, 2003.
at San Jose, CA.

S. MacCormack
Stuart MacCormack

Declaration by Witness

I, Alex Shoukelder, whose full post office address is 1768 Antennation Parkway
San Jose, CA 95131
say:

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

Alex Shoukelder
Signature of Witness

Executed this 11th day of July, 2003.

at 18591 Medford Santa Ana, CA 92705

Greg Roth
Greg Roth

Declaration by Witness

I, Jennifer Crain, whose full post office address is 18591 Medford Ave

say:

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

Jennifer Crain
Signature of Witness

Executed this ___ day of _____, 2003.

at _____.

Steven Sanders

Declaration by Witness

I, _____, whose full post office address is _____

say:

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

Signature of Witness

Executed this ____ day of _____, 2003.

at _____.

Greg Roth

Declaration by Witness

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

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

Signature of Witness

Executed this 31st day of July, 2003.

at Belmont, CA.

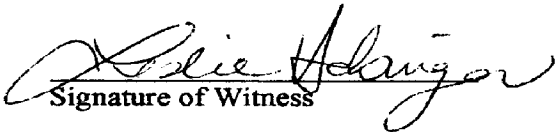


Steven Sanders

Declaration by Witness

I, Leslie Holsinger, whose full post office address is 3606 Reposol Way Belmont, CA 94002
say:

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



Signature of Witness