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

1. Name of conveying party(ies):
 Kin Seng LAI Poh Boon PHUA
 Rui Fen WU
 Yuan Liang LIM 2-20-02
 Wei Pin Ernest LAU
 Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
 Name: DSO National Laboratories
 Internal Address: _____

 Street Address: 20 Science Park Drive

 City: Singapore State: _____ Zip: 118230
 Country: Singapore
 Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
 Execution Date: 26 Dec 2001

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)
09/956,493
 B. Patent No.(s)

 Additional numbers attached? Yes No

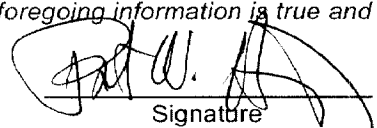
5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Patrick W. Hughey
 Internal Address: _____

 Street Address: 805 SW Broadway #2740

 City: Portland State: OR Zip: 97205

6. Total number of applications and patents involved:
 7. Total fee (37 CFR 3.41).....\$ 40
 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.
Patrick W. Hughey  Jan 21, 2001
 Name of Person Signing Signature Date

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 Washington, D.C. 20231

02/26/2002 JBALINAN 00000151 09956493
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PATENT
 REEL: 012611 FRAME: 0187

WHEREAS, I, Kin Seng LAI, of Block 139, Cavenagh Road, #03-02, Singapore, 229627, and Rui Fen WU, of Block 611, 09-286, Clementi West Street 1, Singapore, 120611, and Yuan Liang LIM, Block 12, Marine Terrace, #12-166, Singapore, 440012, and Wei Pin Ernest LAU of 54, Pulasan Road, Singapore, 424418, as well as Poh Boon PHUA, of 378 Vassar St. Westgate Apartment Block-3, Cambridge, MA , 02139, hereafter referred to as Assignor, have invented certain new and useful improvements entitled:

Laser

for which an application for a United States Patent was filed on September 18, 2001 and has been assigned Application Number 09/956,493.

Whereas, DSO National Laboratories, herein referred to as "Assignee" and whose post office address is 20 Science Park Drive, Singapore 118230 desires to acquire the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, hereby sell, assign and transfer to the Assignee, the full and exclusive right, title and interest in and to said invention, patent application, and patent rights throughout the world, including foreign patent priority rights, the right to file and prosecute related US patent application(s), international applications under the Patent Cooperation Treaty, and the right to file and prosecute applications under the European Patent Convention; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues and extensions thereof, to be held and enjoyed by Assignee for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent(s) may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that I have full right so to do, and agree that I will communicate to Assignee, or its successors and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

Executed this 26 day of Dec, 2001, at Singapore
CITY, STATE or PROVINCE

Kin Seng LAI

[Signature]
SIGNATURE

Witness:

PHUA Chee Koon
NAME

[Signature]
SIGNATURE

26 Dec 2001
DATE

Executed this 26 day of Dec, 2001, at Singapore
CITY, STATE or PROVINCE

Rui Fen WU

[Signature]
SIGNATURE

Witness:

PHUA Chee Koon

[Signature]

26 Dec 2001

Executed this 26 day of Dec, 2001, at Singapore
CITY, STATE or PROVINCE

Yuan Liang LIM

Witness:

CHUA Chek Phoon
NAME

[Signature]
SIGNATURE

26 Dec 2001
DATE

Executed this 26 day of Dec, 2001, at Singapore
CITY, STATE or PROVINCE

Wei Pin Ernest LAU

Witness:

CHUA Chek Phoon
NAME

[Signature]
SIGNATURE

26 Dec 2001
DATE

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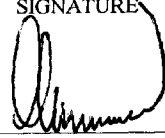
Poh Boon PHUA

x 

SIGNATURE

Witness:


NAME



SIGNATURE

26 Dec 2001.
DATE