

Mail Stop:
Assignment Recordation Services
Director of the U.S. Patent
and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No. 115254

Please record the attached original document or copy thereof.

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

1. A. Name of conveying party(ies):
 (1) Christopher L. CHUA
 (2) Decai SUN

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

2. A. Name and address of receiving party(ies):
 Palo Alto Research Center, Incorporated
 3333 Coyote Hill Road
 Palo Alto, California 94304

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

3. A. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name

Other Record to correct Assignee name on an assignment document previously recorded on 12/19/03, reel 14827/frame 501

B. Execution Date: (1) 12/12/03; (2) 12/18/03

4. A. Patent Application No.(s) 10/739,181

B. Patent No.(s)

Additional numbers attached? Yes No

C. Title of Application: DENSELY-PACKED LIGHT EMITTERS WITH LAYERED SEMICONDUCTOR STRUCTURE AND METHODS OF MAKING THE LIGHT EMITTERS

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

Name: James A. Oliff

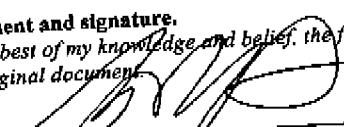
Address: OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, VA 22320
Phone Number: 703-836-6400
Fax Number: 703-836-2787

6. Total number of applications and patents involved: 1

7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.

8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.

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.



Date: June 7, 2006

Stephen P. Catlin, Registration No. 36,101
 James A. Oliff, Registration No. 27,075

Xerox Docket No. D/A3088

12-31-2003



102637410

Mail Stop:
Assignments Recordation Services
Director of the U.S. Patent
and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Attorney Docket No. 115254

12-19-03

17858 U.S. PT
107739181



Please record the attached original documents or copy thereof.

1. A. Name of conveying parties:
1. Christopher L. CHUA
2. Decai SUN

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

Palo Alto Research Center, Incorporated
~~XEROX CORPORATION~~
3333 Coyote Hill Road
Palo Alto, California 94304

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

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

3. A. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

B. Execution Date: 1. December 12, 2003; 2. December 18, 2003

4. A. If this document is being filed together with a new application, the execution date of the application is: 1. December 12, 2003; 2. December 18, 2003.
B. Patent Application No.(s) _____
C. Patent No.(s) _____

10739181

D. Additional numbers attached? Yes No

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

James A. Oliff
OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, VA 22320

6. Total number of applications and patents involved:
L.

7. Total fee (37 CFR 3.41).....\$40.00
Charge to Deposit Account No. 24-0037
A duplicate copy of this page is attached.

8. Credit any overpayment or charge any underpayment to deposit account number 24-0037.

12/30/2003
01 FD:8021

IBYRNE 00000156 240037 10739181
40.00 DA

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.

Date: December 19, 2003

James A. Oliff Registration No. 27,075
Thomas J. Pardini Registration No. 30,411

Total number of pages: 3

ASSIGNMENT

Attorney Docket No.: D/A3088

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled DENSELY-PACKED LIGHT EMITTERS WITH LAYERED SEMICONDUCTOR STRUCTURE AND METHODS OF MAKING THE LIGHT EMITTERS (the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

- is being executed concurrently herewith,
- was first executed on _____
- was filed on _____ as Application Number _____ / _____ filed _____
- claims the benefit of U.S. Provisional Application(s) No(s) _____

Palo Alto Research Center, Incorporated, a Delaware Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("PARC"), is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s).

For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to PARC the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and

- (1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to PARC;
- (2) agree that PARC may apply for and receive all foreign Letters Patent thereon;
- (3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by PARC; and
- (4) authorize PARC to subsequently enter the Application Number on this Assignment, if not already entered above.

Christopher L. Chua
Christopher L. Chua Date 12/12/2003

Deval Sun Date _____

Date _____

ASSIGNMENT

Attorney Docket No.: D/A3088

The undersigned is/are the named inventor(s) (the "inventor(s)") on a United States patent application entitled DENSELY-PACKED LIGHT EMITTERS WITH LAYERED SEMICONDUCTOR STRUCTURE AND METHODS OF MAKING THE LIGHT EMITTERS (the "Application") for inventions disclosed or claimed therein (the "invention(s)"), which Application:

- is being executed concurrently herewith,
- was first executed on _____
- was filed on _____ as Application Number _____ filed _____
- claims the benefit of U.S. Provisional Application(s) No(s) _____

Paic And Research Center, Incorporated, a Delaware Corporation, on behalf of itself, its successors and assigns, and its legal representatives ("PARC"), is entitled to all rights in the Application and the invention(s), and the full cooperation of the inventor(s).

For valuable consideration, the receipt of which is hereby acknowledged, the inventor(s) hereby sell(s), assign(s), and transfer(s) to PARC the entire and exclusive right, title and interest in the Application and the invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and

- (1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to PARC;
- (2) agree that PARC may apply for and receive all foreign Letters Patent thereon;
- (3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by PARC; and
- (4) authorize PARC to subsequently enter the Application Number on this Assignment, if not already entered above.

Christopher L. Cruse _____ Date _____
[Signature]
 Deval Gunt _____ Date 12/19/03
 _____ Date _____