

Form PTO-1595 (Rev. 09/04)  
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office**RECORDATION FORM COVER SHEET  
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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)/Execution Date(s):**

- 1) Ningyi Luo / 6/1/2005  
2) Sheng-Bai Zhu / 6/1/2005  
3) Li Wu / 6/1/2005

Execution Date(s) \_\_\_\_\_

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**Name: Pavilion Integration Corporation

Internal Address: \_\_\_\_\_

Street Address: 201 Helado RoadCity: FremontState: CaliforniaCountry: USA Zip: 94539Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☒ This document is being filed together with a new application.

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Sheng-Bai Zhu

Internal Address: \_\_\_\_\_

Street Address: 43296 Cedarwood DriveCity: FremontState: California Zip: 94538Phone Number: 510-659-8859Fax Number: 510-659-1802Email Address: sb.zhu@pavilionintegration.com**6. Total number of applications and patents involved:** 1**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00**

- ☒ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

a. Credit Card Last 4 Numbers 9852  
Expiration Date 03/07

b. Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

Signature

6/1/2005

Date

Sheng-Bai Zhu

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents. ☐

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PVLN-05-006

Assignment

**ASSIGNMENT**

Whereas, we,

- (1) NINGYI LUO, of FREMONT, CA USA; and
- (2) SHENG-BAI ZHU, of FREMONT, CA USA; and
- (3) LI WU, of FUZHOU, CHINA

hereinafter called "Assignor(s)", have made a certain invention, and executed United States Patent Application filed herewith on May, 2005, entitled:

**TITLE        METHOD, APPARATUS AND MODULE USING SINGLE LASER DIODE FOR  
SIMULTANEOUS PUMP OF TWO GAIN MEDIA CHARACTERISTIC OF POLARIZATION  
DEPENDENT ABSORPTION**

Whereas,        Pavilion Integration Corporation  
                  201 Helado Road  
                  Fremont, CA 94539

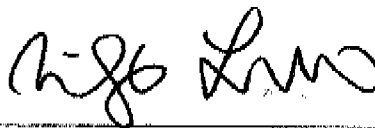
(hereinafter called "Assignee"), desires to acquire the entire right, title, and interest in the application and the invention, and to any applications, patents and/or utility model registrations filed or obtained therefor in every Country (hereinafter called the "Designated Countries").

Now therefore, for valuable consideration, receipt of which is hereby acknowledged,

I/we, the above named Assignor(s), hereby sell, assign and transfer to the above named Assignee the entire right, title and interest to file and/or obtain any applications, patents and/or utility model registrations in the Designated Countries as regards the United States application and the invention disclosed therein (including rights of priority based on the United States application), and I/we will execute without further consideration all papers deemed necessary by the Assignee in connection with such applications, patents and/or utility model registrations in the Designated Countries when called upon to do so by the Assignee.

Signed and Sealed:

**INVENTOR 1:**  
**CITY at FREMONT, CA**  
**DATE on 5/31/2005**



\_\_\_\_\_  
NINGYI LUO

State of **CALIFORNIA** )

County of **Alameda** ) ss.: 464-85-4400

Inventor (1) On this **31<sup>st</sup>** day of **May, 2005** before me personally came **Ningyi Luo** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

\_\_\_\_\_  
Notary

**PATENT**  
**REEL: 017091 FRAME: 0655**

PVLN-05-006

Assignment

**INVENTOR 2:****CITY** at **FREMONT, CA****DATE** on **5/31/2005**  
\_\_\_\_\_  
**SHENG-BAI ZHU**State of **CALIFORNIA** )County of **Alameda** ) ss.: 551-63-5430

Inventor (2) On this **31<sup>st</sup>** day of **May, 2005** before me personally came **Sheng-Bai Zhu** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

\_\_\_\_\_  
Notary**INVENTOR 3:****CITY** at **Fuzhou, CHINA****DATE** on **5/29/2005**\_\_\_\_\_  
**LI WU**Country of **China** ) ss.:

Inventor (3) On this **29<sup>TH</sup>** day of **May, 2005** before me personally came **Li Wu** to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

\_\_\_\_\_  
Notary**PATENT****REEL: 017091 FRAME: 0656**

**PVLN-05-006**  
**Assignment**

SHENG-BAI ZHU

inventor (2) On this 31<sup>st</sup> day of May, 2005 before me personally came Sheng-Dai Zhu to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

LI WU

**Inventor (3)** On this 29<sup>TH</sup> day of May, 2005 before me personally came Li Wu to me personally known, and known to me to be the person described in and who executed the foregoing assignment, and he acknowledged to me that he executed the same as his free act and deed.

## Notary