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To the Director of the US Patent and Trademark Office: Please record documents or the new address(es) below.

1. Name of conveying party(ies):	Timothy P. Holme
	Friedrich B. Prinz
	Xu Tian

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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

Name: **The Board of Trustees of the Leland Stanford Junior University**

Street address: 1705 El Camino Real

City: **Palo Alto**   State: **CA**   Zip: **94306-1106**   Country: **USA**

Additional name(s) and address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

☒ Assignment   ☐ Joint Research Agreement
☐ Security Agreement   ☐ Government Interest Assignment
☐ Merger   ☐ Executive Order 9424m Confirmatory License
☐ Change of Name   ☐ Other

Execution Date(s):   **3/8/10, 3/9/10**

4. Application or patent number(s):

A. Patent Application No.(s)	B. Patent No.(s)	C. Agent Ref No.(s)
12/657225		**S08-392/US**

☐ This document is being filed together with a new application.

Additional numbers attached? ☐ Yes ☒ No

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

Name: Lumen Patent Firm

Street address: 350 Cambridge Ave., Suite 100

City: Palo Alto   State: CA   Zip: 94306   Country: USA

Phone No.: 650-424-0100   Fax No.: 650-424-0141   Email: admin@lumen.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41): $ 40   ☒ Authorized to be charged by credit card

8. Payment Information:

a. Credit Card Last 4 Numbers: 5900   Credit Card Expiration Date: 10/2012

9. Signature:

Signature   **/ Robert Lodenkamper / Reg.No. 55,399**

Printed Name	**Robert Lodenkamper**	Total number of pages including cover sheet, attachments and documents: **3**
Date	**3/12/10**	

PATENT
| REEL: 024129 FRAME: 0060

ASSIGNMENT

WHEREAS, I/WE:

Timothy P. Holme, a citizen of USA, residing in San Francisco, CA 94102, USA

Friedrich B. Prinz, a citizen of Austria, residing in Woodside, CA 94062, USA

Xu Tian, a citizen of China, residing in San Jose, CA 95129, USA

1) For valuable consideration, the receipt and adequacy of which are hereby acknowledged, I/we, the above-named Assignor(s), each sell and assign to <u>The Board of Trustees of the Leland Stanford Junior University</u>, hereinafter Assignee, the entire right, title and interest in and to the invention or inventions as described in US patent application <u>12/657225</u>, entitled <u>Quantum Dot Transistor</u> filed on <u>1/15/2010</u>, and naming Assignor(s) as inventor(s), and to any and all applications for patent and patents in any and all countries relating to said invention(s), including all divisions, continuations, reissues and extensions thereof, and including all domestic and foreign rights of priority resulting from the filing of said US patent application.

2) I/we hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment, and that at the time of execution and delivery of this assignment, I/we are the sole lawful owner(s) of the entire right, title and interest in and to said invention(s).

3) I/we hereby agree that Assignee may apply for foreign patents relating to said invention(s) and irrevocably authorize Assignee and grant Assignee the sole right to do so.

4) I/we agree that on request and without further consideration, but at the expense of Assignee, I/we will sign all lawful papers, make all rightful oaths, and testify in any legal proceedings relating to said invention(s), and generally aid Assignee, or its successors, assigns, or nominees, to obtain and enforce proper patent protection for said invention(s) in any and all countries.

5) I/we authorize and request any official whose duty it is to issue patents to issue any patent on said invention(s) or resulting therefrom to Assignee, or its successors, assigns, or nominees.

Signature: _Tim Holme_   Date: _3-8-2010_
Inventor: **Timothy P. Holme**

Signature: _Friedrich Prinz_   Date: _3-9-2010_
Inventor: **Friedrich B. Prinz**

Signature: _Xu Tian_   Date: _3-9-2010_
Inventor: **Xu Tian**