U.S. PTO 12/288863 10/23/2008

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Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6/30/2008)

RECORDATION FO	
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	se record the attached documents or the new address(es) below.
1. Name of conveying party(ies) Peng LIU Liang LIU Kai-Li JIANG Shou-Shan FAN	2. Name and address of receiving party(ies) Name: Tsinghua University Internal Address:
A. Patent Application No.(s)	Street Address: No.1, Oinghua Yuan, Haidian District City: Beijing State: Country: China, P.R.C. Zip: Additional name(s) & address(es) attached? X Yes No document is being filed together with a new application. B. Patent No.(s)
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: D. Austin Bonderer	
Internal Address:	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account
Street Address: PCE Industry, Inc. 458 E. Lambert Rd.	Enclosed None required (government interest not affecting title)
City: Fullerton	8. Payment Information
State: CA Zip: 92835	a. Credit Card Last 4 Numbers Expiration Date
Phone Number: (714) 626-1229	b. Deposit Account Number 50-3789
Fax Number: (714) 738-4649 Email Address: Austin.Bonderer@foxconn.com	Authorized User Name D. Austin Bonderer
9. Signature:	October 16, 2008
Signature	Date
D. Austin Bonderer	Total number of pages including agent

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Name of Person Signing

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sheet, attachments, and documents:

Recordatio	n Form Cover Sheet
, and the second se	Attachment
PA1	TENTS ONLY
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 additional conveying party(ies)	2. Name and address of additional receiving party(ies) Name: Hon Hai Precision Industry Co., LTD
	Internal Address:
	Street Address: 66 Chung Shan Road
	City: Tu-Cheng
	State:
	Country: <u>Taipei Hsien, Taiwan</u> Zip:

PATENT

REEL: 021831 FRAME: 0659

U.S. PTO 12/288863 10/23/2008

ASSIGNMENT

In consideration of value received, the receipt and sufficiency of which are hereby acknowledged, the undersigned ASSIGNOR(S)

1.	Peng Liu	, residing at	Bei-Jing, China	
2.	Liang Liu	, residing at	Bei-Jing, China	
3.	Kai-Li Jiang	, residing at	Bei-Jing, China	
4.	Shou-Shan Fan	, residing at	Bei-Jing, China	

hereby sell(s), assign(s) and transfer(s) unto: Tsinghua University, a university having an office and place of business at No.1,Qinghua Yuan, Haidian District, Beijing City, China, P.R.C. and Hon Hai Precision Ind. Co., LTD. having a principal place of business at 66 Chung Shan Road, Tu-Cheng City, Taipei Hsien, Taiwan, R.O.C. hereafter designated "ASSIGNEE" the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all patent applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patents, known as **THERMIONIC EMISSION DEVICE** for which the undersigned

[] previously executed Ser. No.	and filing date of	
[x]	is executing concurrently herewith		

an application for Letters Patent of United States of America

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorneys of record in said application, if any, shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE's full protection and title in and to the invention hereby transferred.

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PATENT REEL: 021831 FRAME: 0660

1.	Peny hi	Sep.26,2008		
	Peng Liu inventor	Date	Witness	
2.	Ling din	Sep. 26, 2008	Witness	
	Liang Liu inventor	Date	Witness	
3.	Rechi	Sep.26,2008		
	Kai-Li Jiang inventor	Date	Witness	
4.	Stah Jan	Sep. 26, 2008		
	Shou-Shan Fan inventor	Date	Witness	
5.			W7'4	
	inventor	Date	Witness	
6.				
	inventor	Date	Witness	
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7.	inventor	Date	Witness	
8.	inventor	Date	Witness	
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PATENT REEL: 021831 FRAME: 0661

RECORDED: 10/23/2008