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1. Name of conveying party(ies)/Execution Date(s):CHING-FUH LIN
CHIEH-YU HSIAO
JIUN-JIE CHAOExecution Date(s) 8/11/08; 8/11/08; 8/11/08Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
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2. Name and address of receiving party(ies)Name: NATIONAL TAIWAN UNIVERSITYStreet Address: NO. 1, SEC. 4, ROOSEVELT RD.City: TAIPEI

State: _____

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Additional 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)

12/222,691

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Morton J. Rosenberg, Esq.Internal Address: Rosenberg, Klein & LeeStreet Address: 3458 Ellicott Center Drive,

Suite 101

City: Ellicott CityState: MD Zip: 21043Phone Number: 410-465-6678Fax Number: 410-461-3067Email Address: rkl@rklpatlaw.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
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☐ None required (government interest not affecting title)

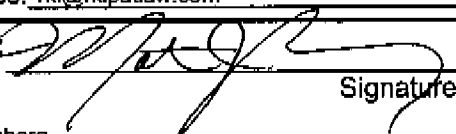
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Morton J. Rosenberg

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04586**700382478****PATENT****REEL: 021445 FRAME: 0734**

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ASSIGNMENT DEED

This assignment agreement is applicable to an invention entitled (invention title) MIXED-TYPE HETEROJUNCTION THIN-FILM SOLAR CELL STRUCTURE AND METHOD FOR FABRICATING THE SAME

This PATENT RIGHT referred to in this agreement are:

- (check one) ☒ a Patent Application for this invention, executed by the ASSIGNOR(S) concurrently with this Assignment
☒ U.S. Patent Application Serial No. 12/222,691 filed 8/14/2008
☐ U.S. Patent No. _____, issued _____

The PATENT RIGHT assigned under this agreement are:

- (check one) ☒ U.S. Patent rights only
☐ worldwide Patent rights. In this case, the assignee shall have the right to claim the benefit of the filing date of any U.S. Patent Application identified above.

The ASSIGNOR(S) referred to in this agreement is (or are):

(Full name of first assignor) Ching-Fuh Lin (Lin is family name)
 (Address) No.1, Sec.4, Roosevelt Rd., Taipei, Taiwan, R.O.C.
 (Full name of second joint assignor, if any) Chieh-Yu Hsiao (Hsiao is family name)
 (Address) No.1, Sec.4, Roosevelt Rd., Taipei, Taiwan, R.O.C.
 (Full name of third joint assignor, if any) Jun-Jie Chao (Chao is family name)
 (Address) No.1, Sec.4, Roosevelt Rd., Taipei, Taiwan, R.O.C.

(Full name of fourth joint assignor, if any) _____
 (Address) _____

The First ASSIGNEE referred to in this agreement is:

(Name of Assignee) National Taiwan University
 (Address) No. 1, Sec. 4, Roosevelt Rd., Taipei, Taiwan, R.O.C.

The Second ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____
 (Address) _____

The Third ASSIGNEE referred to in this agreement is:

(Name of Assignee) _____
 (Address) _____

The First ASSIGNEE is

- (check one) ☐ an individual
☐ a partnership
☒ a Corporation of Taiwan, R.O.C.
 (state or Country)

The Second ASSIGNEE is

- (check one) ☐ an individual
☐ a partnership
☐ a Corporation of _____
 (state or Country)

The Third ASSIGNEE is

- (check one) ☐ an individual
☐ a partnership
☐ a Corporation of _____
 (state or Country)

The ASSIGNOR(S), in consideration of \$1.00 paid by the ASSIGNEE, and other good and valuable consideration, receipt of which is acknowledged, have and do hereby assign the following to each ASSIGNEE; their successors and assigns:

the full and exclusive right to the invention;
 an equal interest in and to the entire right, title and interest in and to the PATENT RIGHTS in the invention; all continuations, continuations-in-part, divisionals, re-issues, and re-examination patents and patent applications; and the right to claim priority under 35 U.S.C. 119, based on any earlier foreign applications for this invention.

As to all U.S. Patent Applications assigned under this Agreement, the ASSIGNOR(s) hereby authorize(s) and request(s) the Director of Patents and Trademarks to issue all Letters Patent to the ASSIGNEE(s) as the ASSIGNEE(s) of an equal interest in the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE(s), their successors and assigns.

Further, the ASSIGNOR(s) agree(s) to communicate to said ASSIGNEE(s), or their representatives, any facts known to the ASSIGNOR(s) respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, Continuation-in part, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause any and all Letters Patent to be issued to said ASSIGNEE(s), make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE(s), their successors and assigns, to obtain an enforced proper protection for said invention.

Ching-Fuh Lin
 (Signature of sole or first assignor)
Chieh-Yu Hsiao
 (Signature of second assignor, if any)
Jun-Jie Chao
 (Signature of third assignor, if any)

August 11, 2008
 (Date)
August 11, 2008
 (Date)
August 11, 2008
 (Date)

PATENT