

Atty Docket No.: 249420US2

FORM PTO-1595  
06-04

RECORDATION FORM COVER SHEET

**PATENTS ONLY**U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

NATIONAL UNIVERSITY CORPORATION  
TOHOKU UNIVERSITYAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: July 23, 2007

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

Name: Noritaka USAMI (25%)  
 Address: 7-8-21, Nankodai, Izumi-ku  
 Sendai-shi  
 Miyagi-ken  
 Japan

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

## 4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application

## A. Patent Application No.(s)

10/784,932

## B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Customer Number

22850

Tel. (703) 413-3000  
Fax. (703) 413-2220

## 6. Total applications and patents involved: 1

## 7. Total fee (37 CFR 3.41): \$40.00

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

## 8. Deposit account number: 15-0030

(Attach duplicate copy of this page if paying by deposit account)

**DO NOT USE THIS SPACE**

## 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.*

Marvin J. Spivak

Name of Person Signing

Signature

Date

Registration Number: 24,913

Total number of pages including this cover sheet: 4

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Director of the United States Patent and Trademark Office  
 Mail Stop Assignment Recordation Services  
 Alexandria, Virginia. 22313

**PATENT**

700366340

REEL: 020746 FRAME: 0688

OP \$40.00 10784932

DECLARATION

I, Natsuki Kawaharazuka of SUZUYE & SUZUYE, located at Suzuye & Suzuye Bldg., 1-12-9 Toranomon, Minato-ku, Tokyo, Japan do hereby solemnly and sincerely declare:

1. That I am well acquainted with the Japanese and English languages, and
2. That the attached documents are Assignment documents executed by National University Corporation Tohoku University and a true English translations of them.

And I make this solemn declaration conscientiously believing the same to be true and correct.

Dated this 28 day of March, 2008



Natsuki Kawaharazuka

## ASSGINEMNT (Translation)

July 23, 2007

## Assignee:

Address: 7-8-21, Nankodai, Izumi-ku, Sendai-shi, Miyagi-ken, Japan

Name: Noritaka Usami

## Assignor:

Address: 2-1-1, Katahira, Aoba-ku,

SENDAI, 980-8577, Japan

Name: NATIONAL UNIVERSITY CORPORATION

TOHOKU UNIVERSITY

Trustee: Tetsuo Shoji (seal)

(signature)

This is to certify that we have assigned a part of the entire right (25%) of the below mentioned right in the patent application to obtain patents to the assignee.

The remaining part of the right is to be assigned to Messrs. Kazuo Nakajima, Kozo Fujiwara and Wugen Pan, the other co-inventors of this invention equally (each 25%), and accordingly, these for persons become co-applicants of the below mentioned right in the patent application to obtain patents.

This assignment includes all continuation applications, continuation-in part applications and divisional applications to be filed based on the below mentioned patent application.

## Schedule

Right to obtain a patent

USA

Title of invention: MULTI-ELEMENT POLYCRYSTAL FOR  
SOLAR CELLS AND METHOD OF MANUFACTURING  
THE SAME

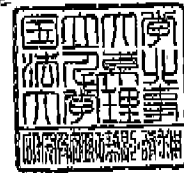
Application No.: 10/784,932 (Date of filing: Feb. 25, 2004)

## 譲渡証書

2007年 7 月 23 日

住 所 宮城県仙台市泉区南光台 7 - 8 - 2 1  
譲受人 宇佐美 徳隆 殿

住 所 仙台市青葉区片平二丁目 1 番 1 号  
譲渡人 国立大学法人東北大学  
理事  
庄 子 哲 雄



下記の特許を受ける権利の一部 (25%) を貴殿に譲渡したことに相違ありません。また、残りの権利は、共同発明者である中嶋一雄氏、藤原航三氏および藩伍根氏にそれぞれ均等に (各 25%) 譲渡することとし、これに伴い下記の特許を受ける権利は 4 名の共有となります。

なお、本譲渡には、下記出願に基づく米国におけるすべての継続出願、一部継続出願、分割出願が含まれます。

## 記

## 特許を受ける権利

## 米国

発明の名称：多元系多結晶太陽電池及びその製造方法  
出願番号：10/784,932 (出願日 2004 年 2 月 25 日)