

Resubmission  
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MAD 7-24-98

Case Docket No. 980262

U.S. DEPARTMENT OF COMMERCE  
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To the Assistant Commissioner for Patents.  
Please record the attached original documents or copy thereof.

1. Name of conveying parties:

Shinichiro KURATA, Katsuhiko HAYASHI, Atsuo ISHIKAWA and Masataka KONDO

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

2. Name and address of receiving party:

Name: KANEGAFUCHI KAGAKU KOGYO KABUSHIKI KAISHA

Street Address:

2-4, Nakanoshima 3-chome,  
Kita-ku, Osaka-shi, Osaka 532 Japan

Additional name(s) & address(es) attached? Yes No XX

3. Nature of conveyance: **Assignment**

Execution Date: July 6, 1998

4. Title:

INTEGRATED THIN-FILM SOLAR BATTERY AND METHOD  
OF MANUFACTURING THE SAME

5. Application number(s) or patent number(s): 09/033,933

If this document is being filed together with a new application, the execution date of the application is: \_

Additional numbers attached? Yes No XX

07/28/1998 DNGUYEN 00000002 09033933

01 FC:581

40.00 OP

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

Name: Armstrong, Westerman, Hattori,  
McLeland & Naughton  
Suite 1000  
1725 K Street, N.W.  
Washington, D.C. 20006

7. Total number of applications and patents involved: 1

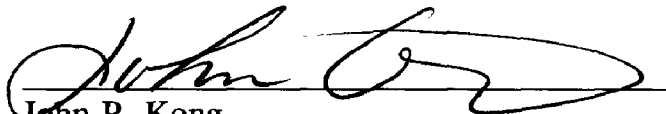
8. Total fee (37 CFR 3.41). . . . . \$ **40.00**

XX Check enclosed

9. Deposit Account No.: 01-2340

10. 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.



John P. Kong  
Reg. No.: 40,054

Date July 24, 1998

Total number of pages including cover sheet: 3

JPK/tmb

**U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's  
Name(s) Address(es))

Kanegafuchi Kagaku Kogyo Kabushiki Kaisha  
2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 532 Japan  
(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

INTEGRATED THIN-FILM SOLAR BATTERY AND  
METHOD OF MANUFACTURING THE SAME

(\*If the assignment is  
being filed after the filing  
of the application, this  
section must be  
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\*filed on March 2, 1998, Serial No. 09/033,933.  
(Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

Shinichiro Kurata  
(SIGNATURE)

Shinichiro KURATA  
(TYPE NAME)

July 6, 1998  
(DATE)

Katsuhiko Hayashi  
(SIGNATURE)

Katsuhiko HAYASHI  
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(DATE)

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(SIGNATURE)

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\_\_\_\_\_  
(DATE)

NO LEGALIZATION REQUIRED