

07-01-2003



102486402

10/399033

3176 Rec'd PCT/PTO 17 APR 2003

A/P 581.40

Attorney Docket No. 030395

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

RECORDATION FORM COVER SHEET  
PATENTS ONLY

Director of Patents and Trademarks: Please record the attached original documents or copy thereof.

Submission type: XX New **4.17.03**

Conveyance type: XX Assignment

Conveying Party(ies):		<i>(Last, First, Middle Initial)</i>	<u>Execution Date</u>
First party	Name:	<b>FURUKAWA, Kimihiko</b>	<b>December 17, 2002</b>
Second party	Name:		
Third party	Name:		
Fourth party	Name:		

Additional name(s) of conveying party(ies) attached? Yes \_\_\_ No X **10399033**

**Receiving Party (ies):**  
 First party Name: **SANYO ELECTRIC CO., LTD.**  
 Address: 5-5, Keihanhondori 2-chome, Moriguchi-shi,  
 Osaka, Japan

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

**Domestic Representative Name and Address** *(Enter for the first Receiving Party only)*

ARMSTRONG, WESTERMAN & HATTORI, LLP  
1725 K Street, N.W., Suite 1000  
Washington, D.C. 20006

For Office Use Only

**Correspondent Name and Address**

Telephone: 202-659-2930  
ARMSTRONG, WESTERMAN & HATTORI, LLP  
1725 K Street, N.W., Suite 1000  
Washington, D.C. 20006

**Pages** Enter the total number of pages of the attached conveyance document: 1  
(including any attachments, but not counting cover sheets)

**Application Number(s) or Patent Number(s)** Additional numbers attached? Yes  No   
A. Patent Application No.(s)                      B. Patent No.(s)                       
##                      ##                     

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: December 17, 2002  
(Do not recite both application and patent numbers.)

**Patent Cooperation Treaty (PCT)** PCT PCT/JP02/02388  
Enter PCT application number only if PCT                       
a U.S. Application Number has not been assigned PCT                     

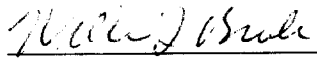
**Number of Properties** Enter the total number of properties involved: 1

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41). . . . . \$40.00  
XX Enclosed  
           Authorized to be charged to Deposit Account No.: 01-2340

**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.

William L. Brooks  
Name of Person Signing

  
Signature

April 17, 2003  
Date

34,129  
Registration No.

Rev. 11/00

WLB/yap

# 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  
SANYO ELECTRIC CO., LTD.

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

5 - 5, Keihanhondori 2 - chome, Moriguchi - shi, Osaka, 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)

CIRCUIT FOR DETECTING VOLTAGE OF CELLS IN COMBINATION

(\*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 \_\_\_\_\_, Serial No. \_\_\_\_\_

(Armstrong, Westerman & Hattori, LLP 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 therefore 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)

<u>Kimihiko Furukawa</u> (Signature)	<u>Kimihiko Furukawa</u> (Type Name)	<u>17-Dec-2002</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED