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10/479053

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Hiroshi KONUMA  
Katsuhiko YAMAZAKI  
Takenori UMIKAWA  
Masakazu YAGI  
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2. Name and address of receiving party(ies):

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

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Execution Date: September 30, 2003

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

If this document is being filed together with a new application, the execution date of the application is: September 30, 2003

A. Patent Application No.(s)

10479053

B. Patent No.(s)

Not Yet Assigned

Additional numbers attached?  Yes  No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):

\$40.00

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Abraham J. Rosner

Reg. No. 33,276

November 26, 2003

Date

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# ASSIGNMENT

Whereas, I/we,

Hiroshi KONUMA

c/o OMACHI PLANT, SHOWA DENKO K.K., 6850, Oaza Omachi,  
Omachi-shi, NAGANO 398-0002 JAPAN,

Katsuhiko YAMAZAKI

c/o OMACHI PLANT, SHOWA DENKO K.K., 6850, Oaza Omachi,  
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Takenori UMIKAWA

c/o OMACHI PLANT, SHOWA DENKO K.K., 6850, Oaza Omachi,  
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Masakazu YAGI

c/o Analysis & Physical Properties Center,  
SHOWA DENKO K.K., 1-1, Ohnodai 1-chome, Midori-ku,  
Chiba-shi, CHIBA 267-0056 JAPAN, and

Tamotsu YAMASHITA

c/o Analysis & Physical Properties Center,  
SHOWA DENKO K. K., 1-1, Ohnodai 1-chome, Midori-ku,  
Chiba-shi, CHIBA 267-0056 JAPAN

hereinafter called assignor(s), have invented certain improvements in

Formed Substrate used for Solid Electrolytic Capacitor, Production  
Method Thereof and Solid Electrolytic Capacitor using the Substrate

and executed an application for Letters Patent of the United States of America therefor on

; and

Whereas,

SHOWA DENKO K.K. of

13-9, Shiba Daimon 1-chome, Minato-ku, TOKYO 105-8518 JAPAN

(assignee), desires to acquire the entire right, title and interest in the application and invention,  
and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named  
assignee, its successors and assigns, the entire right, title and interest in the application and the  
invention disclosed therein for the United States of America, including the right to claim priority under 35  
U.S.C. § 119, and I/we request the Director - U.S. Patent and Trademark Office to issue any Letters  
Patent granted upon the invention set forth in the application to the assignee, its successors and assigns;  
and I/we will execute without further consideration all papers deemed necessary by the assignee in  
connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: 30/September/2003 sl Hiroshi Konuma  
Hiroshi KONUMA

Date: 30/September/2003 sl Katsuhiko Yamazaki  
Katsuhiko YAMAZAKI

Date: 30/September/2003 sl Takenori Umikawa  
Takenori UMIKAWA

Date: 30/September/2003 sl Masakazu Yagi  
Masakazu YAGI

Date: 30/September/2003 sl Tamotsu Yamashita  
Tamotsu YAMASHITA

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