

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Akihiko SHIRAKAWA	06/23/2008
RECEIVING PARTY DATA	
Name:	SHOWA DENKO K.K.
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12159492
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NAME OF SUBMITTER:	Sheldon I. Landsman
Total Attachments: 1 source=EXECUTED_ASSIGNMENT#page1.tif	

CH \$40.00 12159492

ASSIGNMENT

Whereas, I/we

Akihiko SHIRAKAWA
c/o Corporate R&D 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

COMPLEX OXIDE FILM AND METHOD FOR PRODUCING SAME, COMPOSITE BODY AND
METHOD FOR PRODUCING SAME, DIELECTRIC MATERIAL, PIEZOELECTRIC MATERIAL,
CAPACITOR, PIEZOELECTRIC ELEMENT AND ELECTRONIC DEVICE

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 _____
12159492, filed June 27, 2008) the filing date and application number of said application
when known.

Date: 2008.6.23

si Akihiko Shirakawa
Akihiko SHIRAKAWA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)