

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Kotaro TAKITA</td><td>01/20/2009</td></tr><tr><td>Shintaro KIKUCHI</td><td>01/20/2009</td></tr></tbody></table>		Name	Execution Date	Kotaro TAKITA	01/20/2009	Shintaro KIKUCHI	01/20/2009		
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RECEIVING PARTY DATA									
<table border="1"><tr><td>Name:</td><td>TONEN CHEMICAL CORPORATION</td></tr><tr><td>Street Address:</td><td>8-15, Kohnan 1-chome</td></tr><tr><td>City:</td><td>Minato-ku, Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr></table>		Name:	TONEN CHEMICAL CORPORATION	Street Address:	8-15, Kohnan 1-chome	City:	Minato-ku, Tokyo	State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1									
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CORRESPONDENCE DATA									
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Total Attachments: 1 source=ASSIGNMENT_AS_FILED_01_30_09#page1.tif									

CH \$40.00 12375877

Assignment

Whereas, I/We, Kotaro TAKITA, Shintaro KIKUCHI, of Tochigi-ken, Japan; Saitama-ken, Japan;

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

**MICROPOROUS POLYOLEFIN MEMBRANE, ITS PRODUCTION METHOD,
BATTERY SEPARATOR, AND BATTERY**

and executed an application for Letters Patent of the United States of America therefor on
January 20, 2009; and

Whereas,

TONEN CHEMICAL CORPORATION
8-15, Kohnan 1-chome,
Minato-ku, Tokyo, 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 our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 12/375,877 and Confirmation number 11591, filed January 30, 2009) the filing date and application number of said application when known.

Date: January 20, 2009

Kotaro Takita
s/ Kotaro TAKITA

Date: January 20, 2009

Shintaro Kikuchi
s/ Shintaro KIKUCHI

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

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