

PATENT ASSIGNMENT

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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>Mitsuo Narita</td><td>12/08/2006</td></tr><tr><td>Masaki Tabata</td><td>12/08/2006</td></tr><tr><td>Atsushi Yoshida</td><td>12/08/2006</td></tr><tr><td>Hiroshi Umezawa</td><td>12/08/2006</td></tr></tbody></table>	Name	Execution Date	Mitsuo Narita	12/08/2006	Masaki Tabata	12/08/2006	Atsushi Yoshida	12/08/2006	Hiroshi Umezawa	12/08/2006	
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RECEIVING PARTY DATA											
Name:	Shin-Etsu Chemical Co., Ltd.										
Street Address:	6-1, Otemachi 2-chome										
Internal Address:	Chiyoda-ku										
City:	Tokyo										
State/Country:	JAPAN										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11614587</td></tr></tbody></table>	Property Type	Number	Application Number:	11614587							
Property Type	Number										
Application Number:	11614587										
CORRESPONDENCE DATA											
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CH 11614587 \$40.00

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PATENT
REEL: 018708 FRAME: 0505

ASSIGNMENT

WHEREAS: Mitsuo NARITA, Masaki TABATA, Atsushi YOSHIDA and Hiroshi UMEZAWA of c/o Specialty Chemicals Research Center, SHIN-ETSU CHEMICAL CO., LTD., 28-1, Nishi-Fukushima, Kubiki-ku, Joetsu-shi, Niigata-ken, Japan (same for all of the inventors)

(hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled:

Methods for Preparing Alkali Cellulose and Cellulose Ether

for which application for United States Letters Patent identified as 11/614,587
_____ has been executed on the 21 day of December, 2006, and,

WHEREAS: SHIN-ETSU CHEMICAL CO., LTD., a corporation duly organized under and pursuant to the laws of JAPAN and having its principal place of business at 6-1, Otemachi 2-chome, Chiyoda-ku, Tokyo, JAPAN (hereinafter referred to as "ASSIGNEE"), has equitable rights in and to this invention and desires to confirm such rights and to acquire all right, title and interest in and to this invention, including any and all United States Letters Patent or similar legal protection to be obtained therefor.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers to said ASSIGNEE, its successors and assigns, all right, title and interest in and to said invention, including any and all United States Letters Patent which may be granted therefor and any and all extensions, continuations, divisions, renewals, substitutes or reissues thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement of encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants and agrees, upon request, to execute any instrument which said ASSIGNEE desires to carry this assignment in effect, and perfect the title transferred hereby, or to file or prosecute any of the above-mentioned United States applications.

And the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent on said above-named application and on any continuation, substitute or division thereof to said ASSIGNEE.

IN TESTIMONY WHEREOF, I/We have hereunto set hand and seal this 8th day of December, 2006

ASSIGNOR:

Mitsuo Narita
Mitsuo NARITA

Masaki Tabata
Masaki TABATA

Atsushi Yoshida
Atsushi YOSHIDA

Hiroshi Umezawa
Hiroshi UMEZAWA

Witnesses:

Shingia Niinobe

Shingia Niinobe

PATENT