

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>Toshihiro Takaai</td> <td>07/04/2012</td> </tr> <tr> <td>Shinichi Fujino</td> <td>07/04/2012</td> </tr> <tr> <td>Hidenori Wada</td> <td>07/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Toshihiro Takaai	07/04/2012	Shinichi Fujino	07/04/2012	Hidenori Wada	07/04/2012
Name	Execution Date								
Toshihiro Takaai	07/04/2012								
Shinichi Fujino	07/04/2012								
Hidenori Wada	07/04/2012								
RECEIVING PARTY DATA									
Name:	Nippon Shokubai Co., Ltd.								
Street Address:	1-1, Koraibashi 4-chome, Chuo-ku								
Internal Address:	Osaka-shi								
City:	Osaka								
State/Country:	JAPAN								
Postal Code:	541-0043								
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>13574281</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13574281				
Property Type	Number								
Application Number:	13574281								
CORRESPONDENCE DATA									
Fax Number:	(617)500-2499								
Phone:	617-500-2500								
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Correspondent Name:	OCCHIUTI ROHLICEK & TSAO, LLP								
Address Line 1:	321 Summer St.								
Address Line 4:	Boston, MASSACHUSETTS 02210								
ATTORNEY DOCKET NUMBER:	60004-153US1								
NAME OF SUBMITTER:	Cassie A. Zaleski								
Total Attachments: 2 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif									

CH \$40.00 13574281

ASSIGNMENT

For valuable consideration, we, Toshihiro TAKAAI, of c/o Nippon Shokubai Co., Ltd., 992-1, Aza Nishioki, Okihama, Aboshi-ku, Himeji-shi, Hyogo, 671-1282 Japan, Shinichi FUJINO, of c/o Nippon Shokubai Co., Ltd., 992-1, Aza Nishioki, Okihama, Aboshi-ku, Himeji-shi, Hyogo, 671-1282 Japan, and Hidenori WADA, of c/o Nippon Shokubai Co., Ltd., 992-1, Aza Nishioki, Okihama, Aboshi-ku, Himeji-shi, Hyogo, 671-1282 Japan, hereby assign to Nippon Shokubai Co., Ltd., a corporation of Japan, having a place of business at 1-1, Koraihashi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 Japan, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled METHOD FOR PRODUCING WATER ABSORBENT RESIN, filed July 20, 2012, and assigned U.S. Serial Number 13/574,281, and we authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Date: July 4, 2012

Toshihiro Takaa:
Toshihiro TAKAAI

Witnessed by:

Date: July 4, 2012

Masahiro Uemura
Masahiro UEMURA

Date: July 4, 2012

Yuki Miura
Yuki MIURA

Date: July 4, 2012

Shinichi Fujino
Shinichi FUJINO

Witnessed by:

Date: July 4, 2012

Masahiro Uemura
Masahiro UEMURA

Date: July 4, 2012

Yuki Miura
Yuki MIURA

Date: July 4, 2012

Hidenori Wada
Hidenori WADA

Witnessed by:

Date: July 4, 2012

Masahiro Uemura
Masahiro UEMURA

Date: July 4, 2012

Yuki Miura
Yuki MIURA