

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Takahiro Tsumori</td> <td>01/15/2009</td> </tr> <tr> <td>Norihiro Wakao</td> <td>01/15/2009</td> </tr> </tbody> </table>		Name	Execution Date	Takahiro Tsumori	01/15/2009	Norihiro Wakao	01/15/2009
Name	Execution Date						
Takahiro Tsumori	01/15/2009						
Norihiro Wakao	01/15/2009						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	Nippon Shokubai Co., Ltd.						
<b>Street Address:</b>	1-1, Koraibashi 4-Chome						
<b>Internal Address:</b>	Chuo-Ku, Osaka-Shi						
<b>City:</b>	Osaka						
<b>State/Country:</b>	JAPAN						
<b>Postal Code:</b>	541-0043						
<b>PROPERTY NUMBERS Total: 1</b>							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12375824</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12375824		
Property Type	Number						
Application Number:	12375824						
<b>CORRESPONDENCE DATA</b>							
Fax Number:	(617)500-2499						
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<b>ATTORNEY DOCKET NUMBER:</b>	60004-126US1						
<b>NAME OF SUBMITTER:</b>	Cassie A. Chandler						

Total Attachments: 2  
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**PATENT**  
**REEL: 022182 FRAME: 0808**

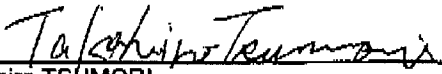
**CH \$40.00 12375824**



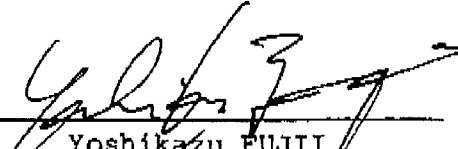

Attorney Docket No. \_\_\_\_\_

**ASSIGNMENT**

For valuable consideration, we, Takahiro TSUMORI, of Nishinomiya-shi, Hyogo, Japan, and Norihiro WAKAO, of Suita-shi, Osaka, 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 HYDROPHILIC GRAFT POLYMER, filed January 30, 2009, and assigned U.S. Serial Number 12/375,824, 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: Jan 15, 2009  
Takahiro TSUMORI

Witnessed by:

Date: Jan. 18, 2009  
Yoshikazu FUJIIDate: Jan. 19, 2009  
Shigeru YAMAGUCHI

Attorney Docket No. \_\_\_\_\_

Date: Jan 15, 2009

Norihiko WAKAO  
Norihiko WAKAO

Witnessed by:

Date: Jan 18, 2009

Yoshikazu FUJII  
Yoshikazu FUJII

Date: Jan. 19. 2009

Shigeru YAMAGUCHI  
Shigeru YAMAGUCHI