

## 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>Atsuro Yoneda</td><td>04/01/2008</td></tr><tr><td>Akiko Hemmi</td><td>04/01/2008</td></tr></tbody></table>	Name	Execution Date	Atsuro Yoneda	04/01/2008	Akiko Hemmi	04/01/2008	
Name	Execution Date						
Atsuro Yoneda	04/01/2008						
Akiko Hemmi	04/01/2008						
RECEIVING PARTY DATA							
Name:	Nippon Shokubai Co., Ltd						
Street Address:	1-1, Koraibashi 4-chome, Chuo-ku						
City:	Osaka-shi, 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>12088629</td></tr></tbody></table>	Property Type	Number	Application Number:	12088629			
Property Type	Number						
Application Number:	12088629						
CORRESPONDENCE DATA							
Fax Number:	(202)293-6229						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	202-331-7111						
Email:	mtaylor@cblh.com						
Correspondent Name:	CONNOLLY BOVE LODGE & HUTZ LLP						
Address Line 1:	1875 EYE STREET, N.W.						
Address Line 2:	SUITE 1100						
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20036						
ATTORNEY DOCKET NUMBER:	21581-00424-US						
NAME OF SUBMITTER:	Burton A. Amernick						
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CH 12088629 \$40.00

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PATENT  
REEL: 020844 FRAME: 0960



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RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

Atsuro Yoneda (04/01/2008) and Akiko Hemmi  
(04/01/2008)

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Nippon Shokubai Co., Ltd.

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

1-1, Koraibashi 4-chome, Chuo-ku  
Osaka-Shi Osaka  
5410043  
JAPAN

City: \_\_\_\_\_

State: \_\_\_\_\_

Country: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other \_\_\_\_\_

4. Application or patent number(s):

A. Patent Application No.(s)

12/088,629

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Burton A. Amernick  
CONNOLLY BOVE LODGE & HUTZ LLP

Internal Address: Atty. Dkt.: 21581-00424-US

Street Address: 1875 Eye Street, NW  
Suite 1100

City: Washington

State: DC Zip: 20006

Phone Number: (202) 331-7111

Fax Number: (202) 293-6229

Email Address: BAmernick@cblh.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☐ Authorized to be charged by credit card

☒ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 22-0185  
Authorized User Name Burton A. Amernick

9. Signature:



Signature

April 23, 2008

Date

Burton A. Amernick - 24,852

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4



**ASSIGNMENT BY INVENTORS**

THIS ASSIGNMENT, made this 1st day of APRIL, 2008, by Atsuro Yoneda and Akiko Hemmi (hereinafter referred to as Assignors), residing at 1-14-102, Kitamidorigaoka 3-chome, Toyonaka-shi Osaka, 560-0001, JAPAN; and 5-14-307, Zuiko 2-chome, Higashiyodogawa-ku, Osaka-shi Osaka, 533-0005, JAPAN, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in POLYALKYLENE GLYCOL MONOMER, POLYALKYLENE GLYCOL POLYMER CONTAINING THE SAME, AND APPLICATION THEREOF, set forth in a Patent application for which an International Application was filed on September 26, 2006, PCT/JP2006/319654, designating the United States; and

WHEREAS, Nippon Shokubai Co., Ltd., a Corporation organized under and pursuant to the laws of Japan having its principal place of business at 1-1, Koraibashi 4-chome, Chuo-ku, Osaka-shi Osaka, 5410043, JAPAN (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.



AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

CONNOLLY BOVE LODGE & HUTZ LLP

All practitioners at Customer Number 30678



AND Assignors acknowledge an obligation of assignment of this invention to  
Assignee at the time the invention was made.

Date: APR. - 1. 2008

Signature: Atsuro Yoneda  
Atsuro Yoneda

Date: APR. - 1. 2008

Signature: Akiko Hemmi  
Akiko Hemmi