

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Seiji HATA</td> <td>12/19/2012</td> </tr> <tr> <td>Masato NAKAMAE</td> <td>12/19/2012</td> </tr> </tbody> </table>		Name	Execution Date	Seiji HATA	12/19/2012	Masato NAKAMAE	12/19/2012				
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<table border="1"> <tr> <td>Name:</td> <td>KURARAY CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>1621, Sakazu</td> </tr> <tr> <td>City:</td> <td>Kurashiki-shi, Okayama</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>710-0801</td> </tr> </table>		Name:	KURARAY CO., LTD.	Street Address:	1621, Sakazu	City:	Kurashiki-shi, Okayama	State/Country:	JAPAN	Postal Code:	710-0801
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CORRESPONDENCE DATA											
Fax Number: 7034132220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (703) 413-3000 Email: asomaiel@oblon.com Correspondent Name: Oblon, Spivak, et al. Address Line 1: 1940 Duke Street Address Line 4: Alexandria, VIRGINIA 22314											
ATTORNEY DOCKET NUMBER:	407680US99PCT										
NAME OF SUBMITTER:	Adel Samuel										
Total Attachments: 2 source=407680USAssignment#page1.tif source=407680USAssignment#page2.tif											

OP \$40.00 13704401

DOCKET NO.: 407680US99PCT

Assignment of ApplicationINSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) 1.) Seiji HATA of:

3-28-2-713, Yushima, Bunkyo-ku, Tokyo 113-0034 Japan

2.) Masato NAKAMAE of:

c/o KURARAY CO., LTD., 7471, Tamashimaotoshima, Kurashiki-shi, Okayama 713-8550 Japan

, respectively,

INSERT TITLE OF
INVENTION:have invented certain new and useful improvements in: POLYVINYL ALCOHOL POLYMER, AND METHOD FOR PRODUCING HYDROLYZABLE CELLULOSE USING THE SAME(Application No. 13/704,401, filed February 28, 2013), andINSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEEWHEREAS, KURARAY CO., LTD.(hereinafter referred to as "ASSIGNEE") having a place of business at: 1621, Sakazu, Kurashiki-shi, Okayama 710-0801 Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application(s)) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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.

Date: 19. Dec. 2012

(Signature of Inventor)

Seiji HATA

Date: 19. December 2012

(Signature of Inventor)

Masato NAKAMAE

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314