

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>Shinobu TOKIMI</td> <td>11/26/2012</td> </tr> <tr> <td>Toshiyuki YAGI</td> <td>11/26/2012</td> </tr> <tr> <td>Yuji ITO</td> <td>11/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Shinobu TOKIMI	11/26/2012	Toshiyuki YAGI	11/26/2012	Yuji ITO	11/26/2012		
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<table border="1"> <tr> <td>Name:</td> <td>TOYOBO CO., LTD.</td> </tr> <tr> <td>Street Address:</td> <td>2-8, Dojima Hama 2-chome, Kita-ku</td> </tr> <tr> <td>City:</td> <td>Osaka-shi, Osaka</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>530-8230</td> </tr> </table>		Name:	TOYOBO CO., LTD.	Street Address:	2-8, Dojima Hama 2-chome, Kita-ku	City:	Osaka-shi, Osaka	State/Country:	JAPAN	Postal Code:	530-8230
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CORRESPONDENCE DATA											
<p>Fax Number: 2028221111</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Email: patentmail@whda.com</p> <p>Correspondent Name: Westerman, Hattori, Daniels & Adrian, LL</p> <p>Address Line 1: 1250 Connecticut Avenue, NW</p> <p>Address Line 2: Suite 700</p> <p>Address Line 4: Washington, DISTRICT OF COLUMBIA 20036</p>											
ATTORNEY DOCKET NUMBER:	121519										
NAME OF SUBMITTER:	Crystal Boyer										
<p>Total Attachments: 1</p> <p>source=121519_Assignment_12-17-2012#page1.tif</p>											

OP \$40.00 13805227

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's
Name(s) Address(es))

TOYOBO CO., LTD. of
2-8, Dojima Hama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8230, Japan

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

**HOLLOW FIBER TYPE REVERSE OSMOSIS MEMBRANE AND METHOD FOR
MANUFACTURING THE SAME**

(*If the assignment is
being filed after the
filing of the
application, this
section must be
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

* filed on _____ Serial No. _____

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u><i>Shinobu Tokimi</i></u> (Signature)	<u>Shinobu TOKIMI</u> (Type Name)	<u>November 26, 2012</u> (Date)
<u><i>Toshiyuki Yagi</i></u> (Signature)	<u>Toshiyuki YAGI</u> (Type Name)	<u>November 26, 2012</u> (Date)
<u><i>Yuji Ito</i></u> (Signature)	<u>Yuji ITO</u> (Type Name)	<u>November 26, 2012</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
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NO LEGALIZATION REQUIRED

PATENT