

## 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>Junya FUJII</td><td>06/24/2008</td></tr><tr><td>Shigeki KAWARABATA</td><td>06/30/2008</td></tr></tbody></table>		Name	Execution Date	Junya FUJII	06/24/2008	Shigeki KAWARABATA	06/30/2008
Name	Execution Date						
Junya FUJII	06/24/2008						
Shigeki KAWARABATA	06/30/2008						
RECEIVING PARTY DATA							
Name:	JMS Co., LTD.						
Street Address:	12-17, Kako-machi, Naka-ku, Hiroshima-shi						
City:	Hiroshima						
State/Country:	JAPAN						
Postal Code:	730-8652						
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>12278427</td></tr></tbody></table>		Property Type	Number	Application Number:	12278427		
Property Type	Number						
Application Number:	12278427						
CORRESPONDENCE DATA							
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Total Attachments: 3 source=p34959_assign#page1.tif source=p34959_assign#page2.tif source=p34959_assign#page3.tif							

OP \$40.00 12278427

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PATENT  
REEL: 021345 FRAME: 0645

ASSIGNMENT

WHEREAS, Junya FUJII, a citizen of Japan, whose post office address is c/o JMS Co., LTD. 12-17, Kako-machi, Naka-ku, Hiroshima-shi, Hiroshima 730-8652 Japan, and Shigeki KAWARABATA, a citizen of Japan, whose post office address is c/o JMS Co., LTD. 12-17, Kako-machi, Naka-ku, Hiroshima-shi, Hiroshima 730-8652 Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

BLOOD PURIFICATION APPARATUS AND BLOOD PURIFICATION CIRCUIT

for which they have executed, on the same date as this assignment, an application for Letters Patent for the United States to be filed in the United States Patent and Trademark Office, which Application is a National Stage of International Application No. PCT/JP2007/051344, filed on January 29, 2007.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Rowland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043, William E. Lyddane, Reg. No. 41,568 and William S. Boshnick, Reg. No. 44,550, of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

AND WHEREAS, JMS Co., LTD., a corporation organized and existing under the laws of the State of Japan, whose post-office address is 12-17, Kako-machi, Naka-ku, Hiroshima-shi, Hiroshima 730-8652 Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor and all rights to sue for past and future infringement thereunder, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, reexaminations, and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, reexaminations, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal

representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness:

Naoki Miyamoto.  
(Name)

June 30. 2008  
(Date)

Junya Fujii  
Junya FUJII  
June 24. 2008  
(Date)

Second Witness:

Takayuki Nishikata.  
(Name)

June 30. 2008  
(Date)

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR(S), on the respective date(s) indicated below.

First Witness:

Naoki Miyamoto  
(Name)

June 30, 2008  
(Date)

Shigeki Kawarabata  
Shigeki KAWARABATA  
June 30, 2008  
(Date)

Second Witness:

Takayuki Nishikata  
(Name)

June 30, 2008  
(Date)