

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>Takeshi HOJI</td><td>10/25/2006</td></tr><tr><td>Satoshi NAGAO</td><td>10/25/2006</td></tr><tr><td>Keisuke SHINOZAKI</td><td>10/25/2006</td></tr></tbody></table>		Name	Execution Date	Takeshi HOJI	10/25/2006	Satoshi NAGAO	10/25/2006	Keisuke SHINOZAKI	10/25/2006
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Takeshi HOJI	10/25/2006								
Satoshi NAGAO	10/25/2006								
Keisuke SHINOZAKI	10/25/2006								
RECEIVING PARTY DATA									
Name:	TBK Co., Ltd.								
Street Address:	21-1, Minami-Naruse 4-chome, Machida-shi								
City:	Tokyo								
State/Country:	JAPAN								
Postal Code:	194-0045								
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>11612015</td></tr></tbody></table>		Property Type	Number	Application Number:	11612015				
Property Type	Number								
Application Number:	11612015								
CORRESPONDENCE DATA									
Fax Number: (703)716-1180 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone: 7037161191									
Email: gbpatent@gbpatent.com									
Correspondent Name: Greenblum & Bernstein, P.L.C.									
Address Line 1: 1950 Roland Clarke Place									
Address Line 4: Reston, VIRGINIA 20191									
ATTORNEY DOCKET NUMBER:	P31347								
NAME OF SUBMITTER:	Leslie J. Paperner								
Total Attachments: 2 source=P31347_Assignment#page1.tif source=P31347_Assignment#page2.tif									

OP \$40.00 11612015

PATENT

500195263

REEL: 018647 FRAME: 0432

ASSIGNMENT

WHEREAS, Takeshi HOJI, a citizen of Japan, whose post office address is c/o TBK Co., Ltd., 21-1, Minami-Naruse 4-chome, Machida-shi, Tokyo 194-0045 JAPAN, Satoshi NAGAO a citizen of Japan, whose post office address is c/o TBK Co., Ltd., 21-1, Minami-Naruse 4-chome, Machida-shi, Tokyo 194-0045 JAPAN, and Keisuke SHINOZAKI, a citizen of Japan, whose post office address is c/o TBK Co., Ltd., 21-1, Minami-Naruse 4-chome, Machida-shi, Tokyo 194-0045 JAPAN, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

TANDEM PUMP VALVE STRUCTURE

for which they have jointly executed, on the same date as this assignment, an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office.

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 and William E. Lyddane, Reg. No. 41,568, 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, TBK Co., Ltd., a corporation organized and existing under the laws of Japan, whose post-office address is 21-1, Minami-Naruse 4-chome, Machida-shi, Tokyo 194-0045 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, 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, 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 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, 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 ASSIGNORS, on the date indicated below.

First Witness:

Norihisa Okada October 25, 2006
(Name) (Date)

Takeshi HOJI October 25, 2006
Takeshi HOJI Date

Second Witness:

Masahito Hobayashi October 25, 2006
(Name) (Date)

First Witness:

Norihisa Okada October 25, 2006
(Name) (Date)

Satoshi NAGAO October 25, 2006
Satoshi NAGAO Date

Second Witness:

Masahito Hobayashi October 25, 2006
(Name) (Date)

First Witness:

Norihisa Okada October 25, 2006
(Name) (Date)

Keisuke SHINOZAKI October 25, 2006
Keisuke SHINOZAKI Date

Second Witness:

Masahito Hobayashi October 25, 2006
(Name) (Date)