

PATENT ASSIGNMENT

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| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| NTN Corporation | 06/25/2013 |
| RECEIVING PARTY DATA | |
| Name: | TERUMO KABUSHIKI KAISHA |
| Street Address: | 44-1, Hatagaya 2-chome |
| City: | Shibuya-ku, Tokyo |
| State/Country: | JAPAN |
| Postal Code: | 151-0072 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Patent Number: | 7470246 |
| CORRESPONDENCE DATA | |
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| Date: | 07/26/2013 |
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PATENT

ASSIGNMENT

THIS ASSIGNMENT, by NTN CORPORATION, a Japanese corporation having a place of business at 3-17, Kyomachibori 1-chome, Nishi-ku, Osaka-shi, Osaka, Japan (hereinafter referred to as "the Assignor"), witnesseth:

WHEREAS, the Assignor has obtained a one-half interest, by prior Assignment recorded at the U.S. Patent and Trademark Office at Reel 015175/Frame 0845 in certain new and useful improvements in Centrifugal Blood Pump Apparatus set forth in U.S. Letters Patent No. 7,470,246 issued on December 30, 2008.

WHEREAS, TERUMO KABUSHIKI KAISHA, a Japanese corporation having a place of business at 44-1, Hatagaya 2-chome, Shibuya-ku, Tokyo, Japan (hereinafter referred to as "the Assignee"), is desirous of acquiring the entirety of the Assignor's one-half interest in and to said invention and said U.S. Letters Patent No. 7,470,246.

NOW, THEREFORE, in consideration of good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire one-half interest in and to the above-mentioned invention and said U.S. Letters Patent No. 7,470,246, and in and to any and all reissues, reexaminations and extensions of said Letters Patent, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term for which Letters Patent is granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the lawful owner of the entirety of its one-half interest in and to the invention and said Letters Patent, and that the same is unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

The undersigned represents that he/she has the authority to execute this Assignment on behalf of NTN CORPORATION

NTN CORPORATION

Shigeyoshi TAKAGI

NAME

President

TITLE



SIGNATURE

June 25, 2013

DATE

PATENT