FORM PTG-1595 (Rev 8 93) ОМВ No 0651 0011 (04P NO4)	12-05-200	Patent and Trademark Office
Tab settings → → → ¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬	101906902	2 attached original documents or copy thereof.
& IRADIA	28-01	2. Name and address of receiving party(ies) Name: AISAN KOGYO KABUSHIKI KAISHA Internal Address:
3. Nature of conveyance:		,
△ Assignment	□ Merger	Street Address: 1-1, Kyowa-cho 1-chome
Security Agreement Other	☐ Change of Name	Obu-shi, Aichi-ken, Japan City:State:ZIP:
Execution Date: August 27, 2001		Additional name(s) & address(es) attached? ☐ Yes 🛱 No
If this document is being filed together A. Patent Application No.(s) Serial No. 09/890,268, filed Augumentary and the serial A		the execution date of the application is: B. Patent No.(s) hed? □ Yes No
5. Name and address of party to whom c	orrespondence	6. Total number of applications and patents involved: 1
Concerning document should be maile Name:Dennison, Scheiner & S Internal Address:	Schultz	7. Total fee (37 CFR 3.41)\$ 40.00 © Enclosed - Credit Card Form PTO-2038 © Authorized to be charged to deposit account (IF NECESSARY)
Street Address: 1745 Jefferson 612 Crystal Squ		8. Deposit account number: 04-0753
City: Arlington State: VA	ZIP: 22202	(Attach duplicate copy of this page if paying by deposit account)
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Total number of pages including cover sheet, attachments, and document:

Signature

the original document.

Ira J. Schultz, Reg. No. 28,666

Name of Person Signing

ASSIGNMENT FOR US PATENT APPLICATION

WHEREAS, the undersigned inventors, Shinichi Fujii and Seiji Murase, c/o AISAN KOGYO KABUSHIKI KAISHA, 1-1, Kyowa-cho 1-chome, Obu-shi, Aichi-ken, Japan (hereinafter referred to as "the Assignors") have invented certain new and useful improvements in FLUID PUMPS and executed an International Application (No. PCT/JP00/00485) filed January 28, 2000 for these inventions; and

WHEREAS, AISAN KOGYO KABUSHIKI KAISHA, a corporation duly organized under and pursuant to the laws of Japan, and having a principal place of business at 1-1, Kyowa-cho 1-chome, Obu-shi, Aichi-ken, Japan, (hereinafter referred to as "the Assignee") is desirous of acquiring Assignors' entire right, title and interest in and to said inventions, the right to file national applications on said International Application and the Assignors' entire right, title and interest in and to any applications for Letters Patent of the United States, and in and to any Letters Patent of the United States, to be obtained therefor and thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, do hereby sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignors' entire right, title, and interest in and to the above-mentioned inventions, the right to file national applications on said International Application, and the Assignors' entire right, title and interest in and to any applications for Letters Patent of the United States and any and all Letter Patents of the United States of America that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuation-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the protection of Industrial Property, 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 or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant to and agree with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said above-mentioned application, and that the same right, title, and interest are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant to and agree with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters applications for said inventions in the United States of America, including interference Patent or Patents for said inventions in the United States of America, including interference application, division, continuation, or continuation-in-part of any applications for Letters application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignce, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, their successors, legal representatives, and assigns;

AND Assignors hereby authorize the Assignee, its successors and assigns, or anyone it may properly designate, to insert below the filing date and serial number of said patent application, when said filing date and serial number become available:

PATENT REEL: 012330 FRAME: 0135 US Patent Application Serial No. 09/890,268 Filing Date August 9, 2001;

AND the Assignors hereby request the Commissioner of Patents and Trademarks to issue any and all said Patent(s) of the United States to the Assignee as the Assignee of said improvements, the Patent(s) to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: Aug. 27. 1001 Name of Assignor Shinichi Fujii

Date: Aug. 27. 2001 Name of Assignor Seifi Murase

Seifi Murase

RECORDED: 11/28/2001