

11-17-2003

HEET

U.S. DEPARTMENT OF COMMERCE

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To the Honorable Commissioner of

the attached original documents or copy thereof.

1. Name of conveying party(ies):

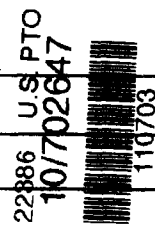
Shinji KAWAI  
Hisashi KINO

102602005

and address of receiving party(ies):

Name: AISEN KOGYO KABUSHIKI KAISHA

Internal Address:



Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Street Address: 1-1, Kyowa-cho 1-chome,

Obu-shi,  
Aichi-ken, JAPAN

State: ZIP:

Execution Date: October 30, 2003

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: Oct. 30, 2003

A. Patent Application No.(s)

10/702647

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: DENNISON, SCHULTZ & DOUGHERTY

Internal Address:

Street Address: 1745 Jefferson Davis Highway

City: Arlington State: VA ZIP: 22202

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00

- Enclosed Credit Card Form PTO-2038
- Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Ira J. Schultz, Reg. 28666

Name of Person Signing

Signature

11/7/03

Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

11/10/2003 EFLORES 00000057 10702647

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(Form PTO-1595-Recordation Form Cover Sheet - page 1 of 3)

PATENT REEL: 014686 FRAME: 0376

**ASSIGNMENT FOR US PATENT APPLICATION**

WHEREAS, the undersigned inventors, Shinji KAWAI and Hisashi KINO of 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 THROTTLE BODIES WITH THROTTLE VALVES ACTUATED BY MOTORS, for which a patent application will be filed in the US Patent and Trademark Office, and the serial number and filing date will be entered below by the Assignors or its designate, when that information becomes available; 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 the entire right, title and interest of the Assignors in and to said improvements, the entire right, title and interest of the Assignors in and to any US patent applications based on said improvements, and in and to any Patents 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 entire right, title, and interest of the Assignors in and to the above-mentioned improvements, the entire right, title and interest of the Assignors in and to any US patent applications and any and all Patent 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 continuations-in-part of said applications, and reissues and extensions of said 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 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 improvements 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 improvements or said applications for Patents, or any proceeding in connection with Patents for said improvements in the United States of America, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Patents, or any reissue or extension of any Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Patents for said improvements, without charge to the Assignee, 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:

US Patent Application Serial No. \_\_\_\_\_ Filing Date \_\_\_\_\_;

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

Date: October. 30. 2003

Name of Assignor Shinji Kawai  
Shinji KAWAI

Date: October. 30. 2003

Name of Assignor Hisashi Kino  
Hisashi KINO