FORM PTO-1595 (Rev. 6-93)\ OMB No. 0651-0011 (exp. 4/94).	Dkt. 04024 Patent and Trademark Office
Tab settings ⇒ ⇒ → → → → → → → → → → → → → → → → →	d the attached original documents or copy thereof.
1. Name of conveying party(ies):	Invaline and address of receiving party(les):
Shingo NAKANISHI Yoshiki ITO	Name: AISAN KOGYO KABUSHIKI KAISHA Internal Address:
Additional name(s) of conveying party(ies) attached?	© SO
3. Nature of conveyance:	
X Assignment	Street Address: 1-1, Kyowa-cho 1-chome,
☐ Security Agreement ☐ Change of Name ☐ Other	Obu-shi, Aichi-ken, JAPAN City: State: ZIP:
Execution Date: January 23, 2004	Additional name(s) & address(es) attached?
If this document is being filed together with a new application A. Patent Application No.(s)	B. Patent No.(s)
Additional numbers atta	ched? Yes X No
Name and address of party to whom correspondence concerning document should be mailed: Name: _DENNISON, SCHULTZ.	6. Total number of applications and patents involved:
DOUGHERTY & MACDONALD	7. Total fee (37 CFR 3.41) \$ 40.00
Internal Address:	X Enclosed Credit Card Form PTO-2038
Cuito 105	Authorized to be charged to deposit account
Suite 105 Street Address: 1727 King Street	8. Deposit account number:
City: Alexandria State: VA ZIP: 22314	(Attach duplicate copy of this page if paying by deposit account) JSE THIS SPACE
Ira J. Schultz, Reg. 28666 Name of Person Signing	Signature Output Date Discover sheet, attachments, and document:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

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

1 BP7/1004 FFAMAETA 00000067 10785019 4 FE180E1 40. 40.00 OP

> **PATENT REEL: 015024 FRAME: 0385**

ASSIGNMENT FOR US PATENT APPLICATION

WHEREAS, the undersigned inventors, Shingo NAKANISHI and Yoshiki ITO 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 ACTUATORS WITH INTEGRATED CIRCUITS, 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	assign	s, or
anyone it may									nber of	said
patent applicat	ion, when s	aid filing	g date and	seria	l number b	ecor	ne available	e:		

	US Patent Application Serial No.	Filing Date	
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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: Jan, 23, 2004

Name of Assignor Shingo hakanishi
Shingo NAKANISHI

Date: Jan, 23, 2004

Name of Assignor Yoshiki ITO

PATENT REEL: 015024 FRAME: 0387

RECORDED: 02/25/2004