04-27-2001

ECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

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10 tile nonorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Tadao IWAKI Mitsuharu IWAMOTO Hiromitsu GOTO Naoki KAWAWADA Takafumi SUZUKI Additional name(s) of conveying party(ies) attached? Yes No	2. Name and address of receiving party(ies) Name: Seiko Instruments Inc. Internal Address:
3. Nature of conveyance: ☑ Assignment ☐ Merger	APR 1 6 2001 Street Address: 8, Makase 1-chome,
☐ Security Agreement ☐ Change of Name	Mihama-ku, Chiba-shi City: Chiba State: Japan ZIP:
Execution Date: March 2, 2001	Additional name(s) & address(es) attached? ☐ Yes 또 No
 4. Application number(s) or patent number(s): If this document is being filed together with a new application A. Patent Application No.(s) 09/535,379 	B. Patent No.(s)
Additional numbers at	tached? ⊃ Yes & No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Bruce L. Adams	7. Total fee (37 CFR 3.41)
Internal Address:	☑ Enclosed
	Authorized to be charged to deposit account any deficiency in enclosed fee
Street Address: Adams & Wilks	8. Deposit account number:
50 Broadway-31stFlcor	01-0268
City: New York State: NY ZIP: 10004	(Attach duplicate copy of this page if paying by deposit account)
2001 DBYRNE 00000061 09535379 DO NOT US	E THIS SPACE
the original document. Bruce L. Adams Name of Person Signing	April 12, 2001 Signature Cover sheet, attachments, and document:

ASSIGNMENT

WHEREAS, we, Tadao Iwaki, Hiromitsu Goto, Naoki Kawawada,
Takafumi Suzuki and Mitsuharu Iwamoto residing at c/o Seiko
Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba,
Japan have invented new and useful improvements in
SPINDLE MOTOR AND METHOD OF FORMATION
for which we have prepared an application for Letters Patent of the
United States of America;

AND WHEREAS, Seiko Instruments Inc., located and doing business at 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba, Japan, is desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor;

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of Ten Dollars (\$10.00) and other good and valuable consideration to us in hand paid, the receipt of which is hereby acknowledged, we have assigned, sold and transferred and by these presents do hereby assign, sell and transfer unto the said Seiko Instruments Inc. for the territory of the United States of America, our entire right, title and interest in and to the said invention, and in and to the said application, prepared and executed by us on May 24, 2000, May15, 2000, May24, 2000, May23, 2000& May16, 2000, respectively, filed Mar. 24, 2000, Serial No. 09/535, 379, preparatory to obtaining Letters Patent thereon and in and to any and all divisions, reissues and continuations thereof, and in and to any Letters Patent that may be granted thereon; said invention, application and Letters Patent to be held and enjoyed by the said Seiko Instruments Inc., its legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment, sale and transfer not been made.

> PATENT REEL: 011716 FRAME: 0807

AND, we hereby covenant and agree that we will at any time upon the request and at the expense of said assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and we hereby authorize and request the Honorable Commissioner of Patents and Trademarks to issue the said Letters Patent to the said Seiko Instruments Inc. in accordance with this assignment.

Executed this 2nd day or	f <u>March</u> , <u>2001</u> at	
Mitness: Maraki / Am'	Tadao Swaki Tadao Iwaki	_(L.S.)
Masaki Hori	Hiromitgu Goto Hiromitsu Goto	
	Naoki Kawawada Naoki Kawawada	
	Takafumi Suzuki Takafumi Suzuki	_(L.S.)
	Mitsuharer Iwamo to Mitsuharu Iwamoto	_(L.S.)
		_(L.S.)
		_(L.S.)
		_(L.S.)

RECORDED: 04/16/2001

PATENT REEL: 011716 FRAME: 0808