FORM PTO-1595 (Rev. 6-93)	RECOR	08-1	4-2002	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
OMB No. 3651=3011 (exp. 4/94)	_				
Tab settings □ □ □ ▼ To the Honorable Commiss	sioner of Patents		189758	original documents or copy thereof.	
				ress of receiving party(ies)	
1. Name of conveying party(ies): Hiroyuki Muramatsu, Seiji Kuwabara, Tatsuru Sato, Kouji Kawaguchi,				INSTRUMENTS & CENTER INC.	
Shunichi Tanaka and Toku	ya Akase	102	Internal Addres	1	
Additional name(s) of conveying party	v(ies) attached? □ Yes 🗵	No		3 (-	
3. Nature of conveyance:					
Assignment	☐ Merger		Street Address	8, Nakase 1-chome,	
☐ Security Agreement ☐ Change of Name			Mihama-ku, Chiba-shi		
Other			City: Chiba	State: Japan ZIP:	
Execution Date:July 30,	2002		Additional name(s)	& address(es) attached? ☐ Yes ☐ No	
4. Application number(s) or pa	atent number(s):				
If this document is being fil	ed together with a new	application	n, the execution date	of the application is:	
A. Patent Application No.(s)	1	B. Patent No.((s)	
09/695,171					
	Additiona	I I numbers att	ached? 🖸 Yes 🔀 No		
5 November 2 and 2 and 2 and 2 and 2			C. Tatalayanhara	f and line time and actes to involve du .	
Name and address of party concerning document should concerning the state of the state		ice	o. Total number o	f applications and patents involved:	
Name: Bruce L. Ad	dams, Esquire		7. Total fee (37 C	SFR 3.41)\$40.00	
Internal Address:	·				
<u> </u>				to be charged to deposit account ficiency in enclosed fee	
Street Address: Adams	s & Wilks		8. Deposit accou	nt number:	
50 Broadway-31st Floor		loor	01-0268		
City: New York	. \	10004	(Attach duplicate	copy of this page if paying by deposit account)	
08/13/2002 AAHMED1 00000076 09695 01 FC:561		DO NOT US	E THIS SPACE		
the original document. Bruce L. Adams	<u> </u>	ating inform	à L. Chanc	ect and any attached copy is a true copy of AUGUST 5, 2002	
Name of Person Signir	~	jes inclu ding	Signature / U cover sheet, attachments,	, and document:	
Mail documents to be recorded with required cover sheet information to:					

ASSIGNMENT

WHEREAS, we, Hiroyuki Muramatsu, Seiji Kuwabara, Tatsuru Sato, Kouji Kawaguchi, Shunichi Tanaka and Tokuya Akase, residing at c/o Seiko Instruments R&D Center Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba, Japan have invented new and useful improvements in <a href="mailto:recording-record

for which we have prepared an application for Letters Patent of the United States of America;

AND WHEREAS, Seiko Instruments R&D Center 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 R&D Center 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 NOVEMBER 14, 2000, filed OCTOBER 24, 2000 Serial No. 09/695.171 , 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 R&D Center Inc., its legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment, sale

> PATENT REEL: 013176 FRAME: 0439

and transfer not been made.

RECORDED: 08/12/2002

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 R&D Center Inc. in accordance with this assignment.

Executed this 30th day of JULY , 2002 at

Witness:		
Miwa Nakamura	Throyski Muramatsu Hiroyuki Muramatsu	_(L.S.)
	<u> Seiji Kuwakara</u> Seiji Kuwabara	_(L.S.)
	Tatsury Sato	_(L.S.)
	Kouji Kawaguchi Kouji Kawaguchi	_(L.S.)
	Shunichi Tanaka Shunichi Tanaka	_(L.S.)
	Tokuya (Moase	_(L.S.)
		(L.S.)

PATENT REEL: 013176 FRAME: 0440