	(Rev.	PTO-1595 6-93) - F	04-17-200	R SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office								
		No. 0651-0011 (exp. 4/94)	(IEDIE) IIEU BEILD HOLL BIDIE HOLE IIDIE II									
ł	ia	b settings = = = ▼ To the Honorable Commissioner		12 (2) (2) (2)								
}		To the nonorable Commissioner	10242298	e attached original documents or copy thereof.								
		Name of conveying party(ies):		2. Name and address of receiving party(ies)								
1	0s	amu TAKIZAWA, Norimit	su SAMBONGI,	Name: Seiko Instruments Inc.								
ı	Та	riyoshi SHOJI, Yuji N ro ITO and Yumiko YAM	AGUCHI									
	Add	ditional name(s) of conveying party(ies) attached? Yes No		Internal Address:								
	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:								
	Ex	ecution Date: March 3, 200	03	Additional name(s) & address(es) attached? ☐ Yes 🖾 No								
	4.	4. Application number(s) or patent number(s):										
ı			`,									
ı		in this document is being filed toge	tner with a new application	on, the execution date of the application is:								
		A. Patent Application No.(s) 09	762,556	B. Patent No.(s)								
ļ												
			Additional numbers a	I ttached? ☐ Yes ℚ No								
		Name and address of party to who concerning document should be m	=	6. Total number of applications and patents involved:								
	 	Name: Bruce L. Adams		7. Total fee (37 CFR 3.41)\$ 40.00								
		Internal Address:		☑ Enclosed								
				Authorized to be charged to deposit account any deficiency in enclosed fee								
		Street Address: Adams & Wilks 50 Broadway-31stFloor		Deposit account number:								
				01-0268								
		City: New York State:	NY ZIP: 10004	(Attach duplicate copy of this page if paying by deposit account)								
04/1	6/2003	BYTHE 00000121 09762556	·									
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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.										
		The Original document.										
		Bruce L. Adams	1 11/4									
		Bruce L. Adams Name of Person Signing		Signature Signature April 10, 2003 Date g cover sheet, attachments, and document:								

ASSIGNMENT

WHEREAS, we, Osamu TAKIZAWA, Norimitsu SAMBONGI, Noriyoshi SHOJI,
Yuji NAKAMURA, Taro ITO and Yumiko YAMAGUCHI, residing at c/o Seiko
Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba,
Japan have invented new and useful improvements in

THERMAL HEAD AND THERMAL HEAD UNIT

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 March 26, 2001, filed April 6, 2001, Serial No. 09/762,556, 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: 013956 FRAME: 0745

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 3rd	day of	March	, 2003	_ at	
Witne	ss:						
Miwa	Nakamura	·	_	<u>Samu</u> Osamu	Taleizau TAKIZAWA	<u>a</u> (L.S.)	J
				Norimi Norimi	itsu Sambon	g(L.S.)	J
			_	noriy	yoshi St Oshi SHOJI	hop (L.s.)	,
			_	yuji Yuji	hakamura Nakamura	رينــــــــــــــــــــــــــــــــــــ	,
				Taro	Ito ITO	(L.S.)	1
				<u>Hemik</u> Yumik	o Yamaguchi	<u>chi</u> (L.s.)	,
						(L.S.))

RECORDED: 04/10/2003