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## 11/13/2012



U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

1-13-12 103651488 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below. 1. Name of conveying party(ies) 2. Name and address of receiving party(ies) SEIKO INSTRUMENTS INC. Name: Sumio SHIMIZU Robert Gordon SMITH Internal Address: Additional name(s) of conveying party(ies) attached? Yes Mo Street Address: 8, NAKASE 1-CHOME, MIHAMA-KU 3. Nature of conveyance/Execution Date(s): Execution Date(s) OCTOBER 2, 2012 Assignment Merger CHIBA-SHI, CHIBA \_\_ Security Agreement Change of Name Joint Research Agreement State: \_\_\_\_ Government Interest Assignment \_\_\_\_Zip: 261-8507 Country:\_\_\_\_ JAPAN Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? X Yes No 4. Application or patent number(s): This document serves as an Oath/Declaration (37 CFR 1.63). A. Patent Application No.(s) B. Patent No.(s) 13/598,825 Received NOV 1 3 2012 5th Floor Additional numbers attached? Yes X No 6. Total number of applications and patents 5. Name and address to whom correspondence concerning document should be mailed: involved: 1 BRUCE L. ADAMS, ESQ. Name: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: Authorized to be charged to deposit account ——
any deficiency in enclosed fee
Enclosed Street Address: ADAMS & WILKS None required (government interest not affecting title) 17 BATTERY PLACE-SUITE 1343 8. Payment Information **NEW YORK** City: **NEW YORK** 10004 State: Zip: Phone Number: 212-809-3700 Deposit/Account Number 01-0268 Docket Number: S004-701 11/14/2012 AMULTING ARRESTS WILKS 325 Authorized User Name Email Address: 40.00 9. Signature: 31, 2012 BRUCE L. ADAMS Total number of pages including cover sheet, attachments, and documents: Name of Person Signing Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

## ADDITIONAL NAME(S) AND ADDRESS(ES) OF RECEIVING PARTY(IES)

Name:	SEIKO INSTRUMENTS (Thailand) LTD.						
Street Address:	60/83 Moo 19, Nava-Nakorn Industrial						
	Estate Zone 3, Klong Nueng, Klong Luang						
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city:	Pathumthani						
State:							
Country:	Thailand Zip: 12120						
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Name:							
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Street Address:							
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City.							
City:							
State:							
Country:	Zip:						

PATENT REEL: 029363 FRAME: 0034

## **ASSIGNMENT**

WHEREAS, we, Sumio SHIMIZU, residing at c/o SEIKO INSTRUMENTS INC., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba, Japan; and Robert Gordon SMITH, residing at c/o SEIKO INSTRUMENTS (Thailand) LTD., 60/83 Moo 19, Nava-Nakorn Industrial Estate Zone 3, Klong Nueng, Klong Luang, Pathumthani, 12120, Thailand, have invented new and useful improvements in BEARING APPARATUS AND INFORMATION RECORDING/REPRODUCTION APPARATUS, for which we have prepared an application for Letters Patent of the United States of America;

AND WHEREAS, SEIKO INSTRUMENTS INC., a Japanese corporation located and doing business at 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8507, Japan; and SEIKO INSTRUMENTS (Thailand) LTD., a Thailand corporation located and doing business at 60/83 Moo 19, Nava-Nakorn Industrial Estate Zone 3, Klong Nueng, Klong Luang, Pathumthani, 12120, Thailand, are 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. and SEIKO INSTRUMENTS (Thailand) LTD. 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 SEP. 30, 2012; & OCT. 2, 2012, respectively,

PATENT REEL: 029363 FRAME: 0035 filed August 30, 2012, Appln. No. 13/598,825 , 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. and SEIKO INSTRUMENTS (Thailand) LTD., 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.

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 (Thailand) LTD. in accordance with this assignment.

	Executed	this	2nd day of	October		2012.
Witness:	·			1		(L.S.)
			Sumio	SHIMIZU	Nu SMITH	(L.s.)