01/23/12

Phone Number: 212-809-3700

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OMB No. 0651-0027 (exp. 6/30/2008)	1 Trademark Office			
RECORDATION FO	103630578			
To the Director of the U.S. Patent and Trademark Office: Pleas	se record the attached documents or the new address(es) below.			
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)			
Hiroaki TAKASU	Name: SEIKO INSTRUMENTS INC.			
	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s):	Street Address: 8, NAKASE 1-CHOME, MIHAMA-KU			
Execution Date(s) JANUARY 10, 2012 ✓ Assignment	City: CHIBA-SHI, CHIBA			
Joint Research Agreement	State:			
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: JAPAN Zip: 261-8507			
Other	Additional name(s) & address(es) attached? Yes X No			
A. Patent Application No.(s) 13/374,142	document is being filed together with a new application. B. Patent No.(s) Roceived JMN 2 3 2012 Sth Floor Sth Floor			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: ADAMS & WILKS	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00			
Internal Address:	Authorized to be charged by credit card			
Street Address: 17 BATTERY PLACE SUITE 1231	Authorized to be charged to deposit account any deficiency in enclosed fee Enclosed None required (government interest not affecting title			
City: NEW YORK	8. Payment Information			
State: NEW YORK Zip: 10004	a. Credit Card Last 4 Numbers Expiration Date			

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

BRUCE L. ADAMS

Name of Person Signing

19, 2012 Date

b. Deposit Account Number __01-0268

01 FC-8021

Authorized Wisem Name yent ABAMS 48 WINKS 142

Total number of pages including cover

sheet, attachments, and documents:

ASSIGNMENT

WHEREAS, I, Hiroaki TAKASU, residing at c/o SEIKO
INSTRUMENTS INC., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba,
Japan, have invented new and useful improvements in NONVOLATILE
SEMICONDUCTOR MEMORY DEVICE, for which I 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, 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 me in hand paid, the receipt of which is hereby acknowledged, I 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, my entire right, title and interest in and to the said invention, and in and to the said application, prepared and executed by me on January 6, 2012, filed December 13, 2011, Appln. No. 13/374,142, 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

PATENT REEL: 027637 FRAME: 0925 SEIKO INSTRUMENTS INC., its legal representatives and assigns, as fully and entirely as the same would have been held by me had this assignment, sale and transfer not been made.

AND, I hereby covenant and agree that I 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 I 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 10th	day	οf	January,	2012
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Witness:

Mroaki Takasu (L.S.)
Hiroaki TAKASU