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Tomoyuki YOSHINO	Name: SEIKO INSTRUMENTS INC.				
	Internal Address:				
Additional name(s) of conveying party(ies) attached? Yes Mo					
3. Nature of conveyance/Execution Date(s):	Street Address: 8, NAKASE 1-CHOME, MIHAMA-KU				
Execution Date(s) JANUARY 24, 2014	Officer / Mariodo.				
Assignment Merger					
Security Agreement Change of Name	City: CHIBA-SHI, CHIBA				
Joint Research Agreement	State:				
Government Interest Assignment					
Executive Order 9424, Confirmatory License	Country: JAPAN Zip: XXXXXXXX				
Other	Additional name(s) & address(es) attached? 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)				
14/172,247					
Additional numbers att	ached? Yes X No				
5. Name and address to whom correspondence	6. Total number of applications and patents				
concerning document should be mailed:	involved: 1				
Name: BRUCE L. ADAMS, ESQ.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00				
Internal Address:	7. Total lee (37 OTK 1.2 I(II) & 3.41) \ \psi				
memai / daress.	Authorized to be charged to deposit account				
Street Address: ADAMS & WILKS	Authorized to be charged to deposit account any deficiency in enclosed fee Enclosed				
17 BATTERY PLACE-SUITE 1343	None required (government interest not affecting title)				
City: NEW YORK	8. Payment Information				
City.	· · · · · · · · · · · · · · · · · · ·				
NEW YORK 40004					
State: NEW YORK Zip: 10004					
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State: NEW YORK Zip: 10004 Phone Number: 212-809-3700 Docket Number: S004-7194 Email Address: Signature: Signature:	Authorize@UserNameUYEADAMS% WILKS17 91 EC.8821 49.88 0 FEB. 6,2014 Date Total number of pages including cover sheet, attachments, and documents:				

PATENT

REEL: 032227 FRAME: 0369

ASSIGNMENT

WHEREAS, I, Tomoyuki YOSHINO, residing at c/o SEIKO
INSTRUMENTS INC., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba,
Japan, have invented new and useful improvements in SEMICONDUCTOR
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, 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 20, 2014, filed FEBRUARY 4, 2014, Application No. 14/172,247, 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

PATENT REEL: 032227 FRAME: 0370 by the said 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 th	is 24th	day of	JANUARY	. 2014.

Witness:

Tomoyuki Yoshino (L.S.)
Tomoyuki YOSHINO

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