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OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇔ ⇔ ▼ ▼ ▼	95 y y y
To the Honorable Commissioner of Patents and Trademarks: P	Please record the attached original documents or copy thereof.
1. Name of conveying party(les): Hirofumi HARADA and Jun OSANAI	Name and address of receiving party(ies) Name: Seiko Instruments Inc. Internal Address:
Additional name(s) of conveying party(es) attached? Yes V No	
3. Nature of conveyance: ✓ Assignment	Street Address: 8, Nakase 1-chome, Mihama-ku Chiba-shi
	City: Chiba State: JAPAN Zip: 261-8507
Execution Date: NOVEMBER 24, 2004	Additional name(s) & address(es) attached? Yes V
10/108,538 Additional numbers at	tached? Yes No
Name and address of party to whom correspondence concerning document should be mailed:	
Name: Bruce L. Adams	7. Total fee (37 CFR 3.41)\$
Internal Address:	✓ Enclosed
	Authorized to be charged to deposit account ANY DEFICIENCY IN ENCLOSED FEE
Adams & Wilks Street Address: 50 Broadway-31st Floor	ANY DEFICIENCY IN ENCLOSED FEE 8. Deposit account number:
	ANY DEFICIENCY IN ENCLOSED FEE
Street Address: 50 Broadtway-31st Floor City: New York States NY Zip: 10004	ANY DEFICIENCY IN ENCLOSED FEE 8. Deposit account number: 01-0268
Street Address: 50 Broadway-31st Floor City: New York State NY Zip: 10004 DO NOT US	ANY DEFICIENCY IN ENCLOSED FEE 8. Deposit account number: 01-0268
Street Address: 50 Broadway-31st Floor City: New York State NY Zip: 10004 DO NOT US 9. Signature.	ANY DEFICIENCY IN ENCLOSED FEE 8. Deposit account number: 01-0268 E THIS SPACE
Street Address: 50 Broadway-31st Floor City: New York State NY Zip: 10004 DO NOT US	ANY DEFICIENCY IN ENCLOSED FEE 8. Deposit account number: 01-0268

of Patents & Trademarks, B Washington, D.C. 20231

MAILING CERTIFICATE ON **REVERSE SIDE OF PAGE**

PATENT REEL: 016041 FRAME: 0145

ASSIGNMENT

WHEREAS, we, Hirofumi HARADA and Jun OSANAI 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

INTEGRATED CIRCUIT DEVICE AND MANUFACTURING METHOD THEREFOR

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 MAY 30. 2002, filed MARCH 27, 2002, Serial No. 10/108,538 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: 016041 FRAME: 0146

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 $\frac{24\text{TH}}{2}$ d	y of NOVEMBER, 2004 at	
Witness: Masaki Hori	<u>Hirofumi Harada</u> (L.S. Hilofumi HARADA	.)
	Onen Comai	,

RECORDED: 12/02/2004