PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Yutaka Satou	02/16/2009
Fumiyasu Utsunomiya	02/16/2009
Tomohiro Oka	02/16/2009

RECEIVING PARTY DATA

Name:	Seiko Instruments Inc.	
Street Address:	8, Nakase 1-chome, Mihama-ku	
Internal Address:	Chiba-shi	
City:	Chiba	
State/Country:	JAPAN	
Postal Code:	261-8507	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12361620	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 11106/204

NAME OF SUBMITTER: Tadashi Horie

PATENT REEL: 022512 FRAME: 0354 \$40.00 12367

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Total Attachments: 2

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PATENT REEL: 022512 FRAME: 0355

Case No. 11106/204 Client Ref. No. 07P00581(US)

ASSIGNMENT

WHEREAS, <u>Yutaka SATOU</u>, <u>Fumiyasu UTSUNOMIYA</u> and <u>Tomohiro OKA</u>, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled <u>SEMICONDUCTOR MEMORY DEVICE</u>, for a full description of which reference is here made to an application for Letters Patent of the United States filed on <u>January 29, 2009</u> and assigned Application Serial No. <u>12/361,620</u>;

WHEREAS, <u>Seiko Instruments Inc.</u>, a corporation organized and existing under the laws of <u>Japan</u>, having a place of business at <u>8</u>, <u>Nakase 1-chome</u>, <u>Mihama-ku</u>, <u>Chiba-shi</u>, <u>Chiba, Japan 261-8507</u>, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and

PATENT REEL: 022512 FRAME: 0356 patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE:	2009/02/16	<u>Yutaka Sato</u> Yutaka SATOU
WITNESSED:		Yutaka SATOU
DATE:	March 3, 2009	Sayaka Watanabe
DATE:		
DATE:	2009/82/16	Fumiyasu Usunomiya Fumiyasu UTSUNOMIYA
WITNESSED:		
DATE:	March 3, 2009	Sayaka Watanabe
DATE:		
DATE:	2009/02/16.	Townshino OKA. Tomohiro OKA
WITNESSED:		I omoniro UKA
DATE:	March 3, 2009	Sayaha Watanabe
DATE:	,	

RECORDED: 04/07/2009