PATENT ASSIGNMENT

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SUBMISSION TYPE:			NEW ASSIGNMENT					
NATURE OF CONVEYANCE:			ASSIGNMENT					
CONVEYING PARTY DATA								
		N	ame	Execution Date				
Shohei Tsukamoto				10/12/2010				
Atsushi Sakurai				10/12/2010				
Kazuaki Sano				10/12/2010				
RECEIVING PARTY DATA								
Name:	Seiko Instruments Inc.							
Street Address:	8, Nakase 1-chome							
City:	Mihama-ku, Chiba-shi, Chiba							
State/Country:	JAPAN							
Postal Code:	261-8507							
PROPERTY NUMBERS Total: 1								
Property Type Number Application Number: 12912137								
Property Type			Number					
Application Number: 129		12912	2137					
CORRESPONDENCE DATA								
Correspondence will be sent via US Mail when the fax attempt is unsuccessful. Phone: 312-321-4200								
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Correspondent Name: Tadashi Horie/Masako Gill								
Address Line 1:	Address Line 1: P.O. Box 10395							
Address Line 4: Chicago, ILLINOIS 60610								
ATTORNEY DOCKET NUMBER:			11106/363					
NAME OF SUBMITTER:			Tadashi Horie					
Total Attachments: 2 source=11106-363AssignmentAsFiled#page1.tif source=11106-363AssignmentAsFiled#page2.tif								
PATENT								

ASSIGNMENT

WHEREAS, <u>Shohei TSUKAMOTO</u>, <u>Atsushi SAKURAI</u>, and <u>Kazuaki SANO</u>, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled <u>BATTERY STATE MONITORING CIRCUIT AND BATTERY DEVICE</u>, executed by Assignors on the same date as, or on a date prior to, this Assignment;

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</u>, <u>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 patents; and in the prosecution of any interference which may arise involving said invention, or

PATENT REEL: 025197 FRAME: 0589 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:	10/12/2010	Shohei Tsukamoto
WITNESSED:		Shohei TSUKAMOTO
DATE:	·	
DATE:		
DATE:	10/12/2010	Atsushi Dafranci
WITNESSED:		Atsushi SAKURAI
DATE:		
DATE:		
DATE:	10/12 /2010	<u>Kazuahi Aruw</u> Kazuaki SANO
WITNESSED:		' Kazuaki SANO
DATE:		
DATE:	·	