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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY	DATA					
			Name		Execution Date	
TAKEMASA MIURA					05/29/2015	
MINORU ARIYAMA					05/29/2015	
ТОМОКІ НІКІСНІ					05/29/2015	
KENTARO FUKAI					05/29/2015	
RECEIVING PARTY I	DATA					
Name:	SEIKC	SEIKO INSTRUMENTS INC.				
Street Address:	8, NA	8, NAKASE 1-CHOME, MIHAMA-KU				
City:	СНІВА	CHIBA-SHI, CHIBA				
State/Country:	JAPAN	JAPAN				
Postal Code:	261-85	261-8507				
Property Type Application Number:		1474	14741976			
Application Number: 14		14/4	4/419/6			
CORRESPONDENCE	E DATA					
Fax Number: (312)			321-4299			
			e-mail address first; if that is un nat is unsuccessful, it will be sei			
			321-4200			
		liams@brinksgilson.com, usassignments@brinksgilson.com				
•		ASHI HORIE/KAORI WILLIAMS				
Address Line 1:		P.O. BOX 10395				
Address Line 4:	ddress Line 4: CHICAGO, ILLINOIS 60610					
ATTORNEY DOCKET NUMBER:			11106/757			
NAME OF SUBMITTER:			TADASHI HORIE			
SIGNATURE:			/Tadashi Horie/			
DATE SIGNED:		06/17/2015				
Total Attachments: 2						
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ASSIGNMENT

WHEREAS, <u>Takemasa MIURA</u>, <u>Minoru ARIYAMA</u>, <u>Tomoki HIKICHI</u>, and <u>Kentaro FUKAI</u>, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled <u>MAGNETIC SENSOR 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, 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 any such patent application or patent; and that the Assignors will execute and deliver to the

> PATENT REEL: 035854 FRAME: 0628

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:	29. May. 2015	Takemasa Miwa
WITNESSED:		Takemasa MIURA
DATE:		
DATE:		
DATE:	29 Hay, 2015	Minora Ariyanno
WITNESSED:		Minoru ARIYAMA
DATE:		
DATE:		
DATE:	29, Hay. 2015	Tomoki Hikichi
WITNESSED:		Tomoki HIKICHI
DATE:		
DATE:		
DATE:	29. May, 2015	Kentaro Fukai Kentaro FUKAI
WITNESSED:		
DATE:		
DATE:		

RECORDED: 06/17/2015