PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHIYASU DEGUCHI	01/29/2015
KOSUKE TAKADA	01/28/2015
TETSUYA MAKINO	01/19/2015

RECEIVING PARTY DATA

Name:	SEIKO INSTRUMENTS INC.	
Street Address:	8, NAKASE 1-CHOME	
Internal Address:	MIHAMA-KU, CHIBA-SHI	
City:	CHIBA	
State/Country:	JAPAN	
Postal Code:	261-8507	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14610792

CORRESPONDENCE DATA

Fax Number: (312)321-4299

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 3123214200

Email: officeactions@brinksgilson.com,bleanos@brinksgilson.com

Correspondent Name: BRINKS GILSON & LIONE

Address Line 1: P.O. BOX 10395

Address Line 4: CHICAGO, ILLINOIS 60610

ATTORNEY DOCKET NUMBER:	11106/732	
NAME OF SUBMITTER:	TADASHI HORIE	
SIGNATURE:	RE: /Tadashi Horie/	
DATE SIGNED:	02/27/2015	

Total Attachments: 2

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PATENT REEL: 035051 FRAME: 0816

503198298

Case No. 11106/732 Client Ref. No. 14P00451(US)

ASSIGNMENT

WHEREAS, Michiyasu DEGUCHI, Kosuke TAKADA, and Tetsuya MAKINO, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled SWITCHING REGULATOR CONTROL CIRCUIT AND SWITCHING REGULATOR, 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

PATENT REEL: 035051 FRAME: 0817 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:	january 29, 2015	Michiyasu DEGUCHI
WITNESSED:		Michiyasu DEGUCHI
DATE:	,	*** *********************************
DATE:		
		L I TALADA
DATE:	January 28, 2015	Kosuke TAKADA Kosuke TAKADA
WITNESSED:		KOSUKU ITHIALITA
DATE:	Market and the control of the contro	
DATE:		
DATE:	January 19,2015	Tetsuya MAKINO Tetsuya MAKINO
WITNESSED:		reisuya MAKINO
DATE:		
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