

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5175774

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		
CONVEYING PARTY DATA			
Name			Execution Date
SEIKO PRECISION INC.			09/20/2018
RECEIVING PARTY DATA			
Name:	SEIKO INSTRUMENTS INC.		
Street Address:	8, NAKASE 1-CHOME, MIHAMA-KU		
City:	CHIBA-SHI, CHIBA		
State/Country:	JAPAN		
Postal Code:	261-8507		
PROPERTY NUMBERS Total: 3			
Property Type	Number		
Application Number:	15992544		
Application Number:	15992555		
Application Number:	15992581		
CORRESPONDENCE DATA			
Fax Number:	(312)321-4299		
<i>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.</i>			
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Email:	khinokawa@brinksgilson.com, usassignments@brinksgilson.com		
Correspondent Name:	TADASHI HORIE/KOH HINOKAWA		
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ATTORNEY DOCKET NUMBER:	11106/1082; /1083; /1084		
NAME OF SUBMITTER:	TADASHI HORIE		
SIGNATURE:	/Tadashi Horie/		
DATE SIGNED:	10/05/2018		
Total Attachments: 4			
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ASSIGNMENT AGREEMENT

This ASSIGNMENT AGREEMENT (this "Assignment") is entered into as of the last day written below by and between SEIKO Precision Inc., a corporation organized and existing under the laws of Japan, having a place of business at 563, Takatsukashinden, Matsudo-shi, Chiba 270-2222 Japan, ("Assignor"), and Seiko Instruments Inc., a corporation organized and existing under the laws of Japan, having a place of business at 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8507 Japan ("Assignee") (each, a "Party," and collectively, the "Parties").

WHEREAS, Assignor has agreed to assign to Assignee, and Assignee desires to receive from Assignor, all of Assignor's right, title and interest in and to the patent applications identified on Schedule A attached hereto (the "Patent Applications").

NOW, THEREFORE, in consideration of the premises and the mutual agreements and covenants hereinafter set forth, the Parties hereto agree as follows:

1. Assignment (a) Assignor hereby irrevocably assigns, transfers, conveys and delivers to Assignee, free and clear of any Encumbrances (other than Permitted Encumbrances), and Assignee hereby receives from Assignor, all of Assignor's right, title and interest in and to the Patent Applications for the United States and for all foreign countries, including, without limitation, the inventions and improvements described and claimed therein, all reissuances, revisions, divisionals, continuations, extensions, continuations-in-part and counterparts thereof and all corresponding rights that are or may be secured under the laws of the United States or any foreign country, now or hereafter arising or in effect, for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns and other legal representatives, as fully and entirely as the

same would have been held and enjoyed by Assignor if this Assignment had not been made, together with all rights to collect royalties, products and proceeds in connection with any of the foregoing and all rights to sue and recover damages or other relief for all past, present or future infringement, misappropriation or other violation of any of the foregoing, and all rights corresponding thereto throughout the world.

(b) Assignor hereby requests the Commissioner of Patents and Trademarks in the United States Patent and Trademark Office, and the corresponding entities or agencies in any applicable foreign countries or multinational authorities, to record Assignee as the assignee and owner of the Patent Applications and to deliver to Assignee, and to Assignee's attorneys, agents, successors or assigns, all official documents and communications as may be warranted by this Assignment.

2. Further Action. Assignor and Assignee shall each take, and shall cause their respective Affiliates to take, any and all additional actions as may be necessary or appropriate to effect the transactions contemplated hereby, including, but not limited to, execution of individual assignment documentation for filing with the authorities of each individual country. The responsibility to file assignments with the national patent offices of each country shall be on the Assignee and the Assignee shall bear the cost of filing such assignments.

3. Counterparts. This Assignment may be executed and delivered (including by facsimile or other means of electronic transmission, such as by electronic mail in "pdf" form) in one or more counterparts, and by the different parties hereto in separate counterparts, each of which when executed shall be deemed to be an original, but all of which taken together shall constitute one and the same agreement.

4. Governing Law. This Assignment shall be governed by, and construed in accordance with, the Laws of Japan.

IN WITNESS THEREOF, the Parties hereto have caused this Assignment to be executed as of the date last written below by their respective officers thereunto duly authorized.

SEIKO Precision Inc.

By 吉野 博

Name Satoshi YOSHINO

Title Managing Director

Date September 18, 2018

Seiko Instruments Inc.

By T. Sakuhara

Name Toshihiko SAKUHARA

Title General Manager, Intellectual

Property Department

Date September 20, 2018

SCHEDULE A

Application No.	Filing Date	Attorney Docket No.	Client Ref. No.	Title of Invention
15/992,544	May 30, 2018	11106/1082	OSP-75247	WHEEL TRAIN MECHANISM, GEAR BOX, DRIVING DEVICE, AND ELECTRONIC APPARATUS
15/992,555	May 30, 2018	11106/1083	OSP-75253	GEAR BOX, DRIVING DEVICE, AND ELECTRONIC APPARATUS
15/992,581	May 30, 2018	11106/1084	OSP-75250	GEAR BOX, DRIVING DEVICE, AND ELECTRONIC APPARATUS