

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Tomokuni Wauke	08/22/2012
RECEIVING PARTY DATA	
Name:	ALPS ELECTRIC CO., LTD.
Street Address:	1-7 Yukigaya-otsukamachi, Ota-ku
City:	Tokyo
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13605640
CORRESPONDENCE DATA	
Fax Number:	3123214299
Phone:	3123214200
Email:	usassignments@brinkshofer.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Gustavo Siller, Jr.
Address Line 1:	Brinks, Hofer, Gilson & Lione
Address Line 2:	P.O. BOX 10395
Address Line 4:	Chicago, ILLINOIS 60610
ATTORNEY DOCKET NUMBER:	9281-5814
NAME OF SUBMITTER:	Gustavo Siller, Jr.
Total Attachments: 3 source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif source=ASSIGNMENT#page3.tif	

CH \$40.00 13605640

**1. Name of conveying Party(ies):**

**2. Name and Address of receiving Party(ies):**

Street Address: 1-7 Yukigaya-otsukamachi, Ota-Ku

State:

Country: Japan

Zip:

Additional name(s) and addresses attached? ☐ Yes ☒ No

**3. Nature of Conveyance/Execution Date(s):**

Execution Date(s): August 22, 2012

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other:

**4. Application or Patent Number(s).**

☒ This document is being filed together with a new application.

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address of party to whom correspondence concerning document should be mailed:**

**6. Total no. of applications & patents involved:**

BRINKS HOFER GILSON &amp; LIONE

PO BOX 10395

CHICAGO, IL 60610

Phone: (312) 321-4200

Fax: (312) 321-4299

7. **Total Fee** (37 CFR 1.21(h) & 3.41) \$ 40

- ☐ Authorize charge by credit card  
☒ Authorize charge to Deposit Account No. 23-1925  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information:**

- a. ☐ Credit Card: Last 4 Numbers  
Expiration Date
- b. ☒ Charge fee and/or any Deficiencies to Deposit  
Account Number 23-1925  
Authorized User Name: Brinks Hofer Gilson & Lione

**9. Signature:**

/Gustavo Siller, Jr./

Signature

Gustavo Siller, Jr.

Name of Person Signing

September 06, 2012

Date \_\_\_\_\_

Total no. of pages including coversheet, attachments and documents: **3**

**Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, PO Box 1450, Alexandria, VA 22313-1450**

**PATENT**  
**REEL: 028910 FRAME: 0894**

## ASSIGNMENT

WHEREAS, Tomokuni WAUKE, hereinafter called the "Assignor", have made the invention described in the United States patent application entitled VIBRATION GENERATOR

executed by Assignor on the same date as this Assignment;

WHEREAS, ALPS ELECTRIC CO., LTD., a corporation organized and existing under the laws of Japan, having a place of business at 1-7 Yukigaya-otsukamachi, Ota-ku, Tokyo, Japan, 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 Assignor from the Assignee is hereby acknowledged, the Assignor 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 Assignor hereby covenant and agree, for both the Assignor and the Assignor's legal representatives, that the Assignor 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 Assignor 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 Assignor has executed this agreement.

DATE: August 22, 2012

Tomokuni Wauke

Inventor: Tomokuni WAUKE

WITNESSED:

DATE: August 22, 2012

Tasuhama

DATE: August 22, 2012

Takashi Sasaki