

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2804621

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAKETOMO NAKANE	04/02/2014
YOSHIHIRO HASEKO	04/02/2014
YUKI SHIMAZU	04/02/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MITSUMI ELECTRIC CO., LTD.
<b>Street Address:</b>	2-11-2, TSURUMAKI, TAMA-SHI
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	206-8567
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14247349
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	14MM-003
<b>NAME OF SUBMITTER:</b>	HERMAN PARIS
<b>SIGNATURE:</b>	/Herman Paris/
<b>DATE SIGNED:</b>	04/08/2014
<b>Total Attachments: 3</b>	
source=14MM-003AssignmentRecordation#page1.tif	
source=14MM-003AssignmentRecordation#page2.tif	
source=14MM-003AssignmentRecordation#page3.tif	



**RECORDATION FORM COVER SHEET**  
**PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Taketomo NAKANE, Yoshihiro HASEKO,  
Yuki SHIMAZU

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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

Execution Date(s) April 2, 2014

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

**2. Name and address of receiving party(ies)**

Name: MITSUMI ELECTRIC CO., LTD.

Internal Address: \_\_\_\_\_

Street Address: 2-11-2, Tsurumaki, Tama-Shi,

City: Tokyo

State: \_\_\_\_\_

Country: JP Zip: 206-8567

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

☐ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: IPUSA, PLLC

Internal Address: \_\_\_\_\_

Street Address: 1054 31st Street, N.W., Suite 400

City: Washington

State: DC Zip: 20007

Phone Number: 202-797-4181

Docket Number: 14MM-003

Email Address: ipusa@ipusapat.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ \_\_\_\_\_**

- ☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 50-4424

Authorized User Name Herman W. Paris

**9. Signature: \_\_\_\_\_ /Herman W. Paris/**

April 8, 2014

Signature

Date

Herman W. Paris

Name of Person Signing

Total number of pages including cover sheet, 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, P.O.Box 1450, Alexandria, V.A. 22313-1450



## ASSIGNMENT

**THIS ASSIGNMENT**, by (1) Taketomo NAKANE, (2) Yoshihiro HASEKO,  
and (3) Yuki SHIMAZU, (hereinafter referred to as "Assignors"), residing at (1) Tama-  
Shi, Tokyo, Japan, (2) Tama-Shi, Tokyo, Japan, and (3) Tama-Shi, Tokyo, Japan  
respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in  
PHYSICAL QUANTITY DETECTION DEVICE AND PHYSICAL QUANTITY  
DETECTOR,

(Application No. \_\_\_\_\_, filed \_\_\_\_\_)

set forth in a patent application for Letters Patent of the United States, either previously  
filed or executed concurrently herewith; and

**WHEREAS**, MITSUMI ELECTRIC CO., LTD. (hereinafter referred to as  
"Assignee"), having offices at 2-11-2, Tsurumaki, Tama-Shi, Tokyo 206-8567 Japan, is  
desirous of acquiring the entire right, title and interest in and to said inventions and said  
application for Letters Patent of the United States, and in and to any Letters Patent of the  
United States to be obtained therefor and thereon;

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good  
and sufficient consideration, the receipt of which is hereby acknowledged, Assignors  
have sold, assigned, transferred and set over, and by these presents do sell, assign,  
transfer and set over, unto Assignee, its successors, legal representatives and assigns, the  
entire right, title and interest in and to the above-mentioned inventions and application for  
Letters Patent, and in and to any and all direct and indirect divisions, continuations and  
continuation-in-part of said application, and any and all Letters Patent in the United  
States and all foreign countries which may be granted therefor and thereon, and reissues,  
reexaminations and extensions of said Letters Patent, and all rights under the  
International Convention for the Protection of Industrial Property, the same to be held  
and enjoyed by the Assignee, for its own use and benefit and the use and benefit of its  
successors, legal representatives and assigns, to the full end of the term or terms for  
which Letters Patent may be granted and/or extended, as fully and entirely as the same  
would have been held and enjoyed by Assignors, had this sale and Assignment not been  
made;

**AND** for the same consideration, Assignors hereby represent and warrant to  
Assignee, its successors legal representatives and assigns, that, at the time of execution  
and delivery of these presents, except for any rights, titles, and or interests that have  
arisen to Assignee under the law or that have already been transferred to Assignee,  
Assignors are the sole and lawful owners of the entire right, title and interest in and to  
said inventions and application for Letters Patent above-mentioned, and that the same are



unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives, and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns shall advise; that any proceeding in connection with said inventions, or said patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable;

**AND** Assignors hereby request that the Director of the United States Patent and Trademark Office issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the said Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns;

**AND** Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document: All practitioners associated with the Customer Number 77464.

**AND** Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

April 2, 2014

Date

Taketomo Nakane

Taketomo NAKANE

April 2, 2014

Date

Yoshihiro Haseko

Yoshihiro HASEKO

April 2, 2014

Date

Yuki SHIMAZU

Yuki SHIMAZU