

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT7067859

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AKIHIRO OSAKA	02/19/2016
TETSUYA KOSUGI	02/19/2016
TOKUNOBU AKAO	02/19/2016
ATSUSHI UMEKAWA	03/01/2016
MOTOYA TAKEWAKI	02/19/2016
HIDETO YAMAGUCHI	02/19/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HITACHI KOKUSAI ELECTRIC INC.
<b>Street Address:</b>	14-1, SOTOKANDA 4-CHOME, CHIYODA-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	101-8980
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16685643
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(215)568-6499
<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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<b>ATTORNEY DOCKET NUMBER:</b>	HITACHI13-0001283US03
<b>NAME OF SUBMITTER:</b>	THOMAS A. MATTIOLI
<b>SIGNATURE:</b>	/Thomas A. Mattioli/
<b>DATE SIGNED:</b>	12/10/2021
This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 8**

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## ASSIGNMENT AND DECLARATION

With respect to the invention titled

### SUBSTRATE PROCESSING APPARATUS, AND THERMOCOUPLE

for which the undersigned has authorized or prepared an application for United States Letters Patent, U.S. Patent Application No. 15/052,137, filed on February 24, 2016,

I (the undersigned) hereby state the following.

### DECLARATION

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than 5 years, or both.

### ASSIGNMENT

The undersigned hereby authorizes assignee or assignee's representative to insert the Application Number and the filing date of this application if they are unknown at the time of execution of this assignment.

Assignee	<u>HITACHI KOKUSAI ELECTRIC INC.</u>
Assignee State or Country of Incorporation	<u>Japan</u>
Assignee Address	<u>14-1, Sotokanda 4-chome, Chiyoda-ku, Tokyo 1018980, Japan</u>

Assignee is desirous of acquiring the entire right, title and interest in the invention, all applications for and all letters patent issued on the invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee and assignee's successors, assigns and legal representatives the entire right, title and interest in the invention and all patent applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of the invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrants that the rights and property herein conveyed are free and clear of any encumbrance.

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, the undersigned hereby authorizes our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

**SIGNATURE SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name OSAKA, Akihiro  
Inventor's Signature OSAKA, Akihiro  
Date February 19, 2016  
Signed at Toyama-shi, Japan  
(City and Country)

**STATEMENT OF WITNESS (optional):**

I, \_\_\_\_\_  
Name of Witness

was personally present and did see OSAKA, Akihiro  
inventor identified above

execute this Assignment on \_\_\_\_\_ and such Assignor is personally known  
date

to me to be the person described herein.

Witness  
Signature \_\_\_\_\_

An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.

■ Additional inventors are being named on the 5 supplemental sheet(s) attached hereto.

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's  
Name KOSUGI, Tetsuya

Inventor's  
Signature *Kosugi Tetsuya*

Date February 19, 2016

Signed at Toyama-shi, Japan  
(City and Country)

**STATEMENT OF WITNESS (optional):**

I, \_\_\_\_\_  
Name of Witness

was personally present and did see

KOSUGI, Tetsuya  
inventor identified above

execute this Assignment on \_\_\_\_\_ and such Assignor is personally known  
date

to me to be the person described herein.

Witness  
Signature \_\_\_\_\_

SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT

Inventor's  
Name AKAO, Tokunobu

Inventor's  
Signature Akao Tokunobu

Date February 19, 2016

Signed at Toyama-shi, Japan  
(City and Country)

STATEMENT OF WITNESS (optional):

I, \_\_\_\_\_  
Name of Witness

was personally present and did see AKAO, Tokunobu  
inventor identified above

execute this Assignment on \_\_\_\_\_ and such Assignor is personally known  
date

to me to be the person described herein.

Witness  
Signature \_\_\_\_\_

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name UMEKAWA, Atsushi  
Inventor's Signature Umekawa Atsushi  
Date March 1, 2016  
Signed at Toyama-shi, Japan  
(City and Country)

**STATEMENT OF WITNESS (optional):**

I, \_\_\_\_\_  
Name of Witness

was personally present and did see

UMEKAWA, Atsushi  
inventor identified above

execute this Assignment on \_\_\_\_\_ and such Assignor is personally known  
date

to me to be the person described herein.

Witness  
Signature \_\_\_\_\_



**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's  
Name TAKEWAKI, Motoya

Inventor's  
Signature TAKEWAKI Motoya

Date February 19, 2016

Signed at Toyama-shi, Japan  
(City and Country)

**STATEMENT OF WITNESS (optional):**

I, \_\_\_\_\_  
Name of Witness

was personally present and did see TAKEWAKI, Motoya  
inventor identified above

execute this Assignment on \_\_\_\_\_ and such Assignor is personally known  
date

to me to be the person described herein.

Witness  
Signature \_\_\_\_\_

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's  
Name YAMAGUCHI, Hideto

Inventor's  
Signature Hideto Yamaguchi

Date February 19, 2016

Signed at Toyama-shi, Japan  
(City and Country)

**STATEMENT OF WITNESS (optional):**

I, \_\_\_\_\_  
Name of Witness

was personally present and did see YAMAGUCHI, Hideto  
inventor identified above

execute this Assignment on \_\_\_\_\_ and such Assignor is personally known  
date

to me to be the person described herein.

Witness  
Signature \_\_\_\_\_