

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4864252

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HIDETO TATENO	02/14/2018
DAISUKE HARA	02/15/2018
MASAHISA OKUNO	02/14/2018
TAKUYA JODA	02/14/2018
TAKASHI TSUKAMOTO	02/17/2018
AKINORI TANAKA	02/15/2018
TORU KAKUDA	02/14/2018
SADAYOSHI HORII	02/16/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HITACHI KOKUSAI ELECTRIC INC.
<b>Street Address:</b>	15-12, NISHI-SHIMBASHI 2-CHOME
<b>Internal Address:</b>	MINATO-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	105-8039
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15919674
<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>	
<b>Phone:</b>	215-568-6400
<b>Email:</b>	lhennessey@vklaw.com
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<b>ATTORNEY DOCKET NUMBER:</b>	HITACHI13-0001604US01
<b>NAME OF SUBMITTER:</b>	GERALD B. HALT, JR.

PATENT

<b>SIGNATURE:</b>	/Gerald B. Halt, Jr./
<b>DATE SIGNED:</b>	03/13/2018
<b>Total Attachments: 10</b> source=A_HITACHI13_0001604US01_Assignment_EFS#page1.tif source=A_HITACHI13_0001604US01_Assignment_EFS#page2.tif source=A_HITACHI13_0001604US01_Assignment_EFS#page3.tif source=A_HITACHI13_0001604US01_Assignment_EFS#page4.tif source=A_HITACHI13_0001604US01_Assignment_EFS#page5.tif source=A_HITACHI13_0001604US01_Assignment_EFS#page6.tif source=A_HITACHI13_0001604US01_Assignment_EFS#page7.tif source=A_HITACHI13_0001604US01_Assignment_EFS#page8.tif source=A_HITACHI13_0001604US01_Assignment_EFS#page9.tif source=A_HITACHI13_0001604US01_Assignment_EFS#page10.tif	

Atty. Docket No.

## ASSIGNMENT AND DECLARATION

With respect to the invention titled

### SUBSTRATE PROCESSING APPARATUS

for which the undersigned has authorized or prepared an application for United States Letters Patent, U.S. Patent Application No. \_\_\_\_\_, filed on \_\_\_\_\_,

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

HITACHI KOKUSAI ELECTRIC INC.

Assignee State or Country  
of Incorporation

Japan

Assignee Address

15-12, Nishi-shimbashi 2-chome, Minato-ku

Tokyo 1058039, Japan

Atty. Docket No.

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.

Atty. Docket No.

**SIGNATURE SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name TATENO, Hideto

Inventor's Signature 

Date February 14, 2018

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

**STATEMENT OF WITNESS (optional):**

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

was personally present and did see TATENO, 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 \_\_\_\_\_

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 7 supplemental sheet(s) attached hereto.

Atty. Docket No.

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name HARA, Daisuke

Inventor's Signature Daisuke Hara

Date February 15, 2018

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

**STATEMENT OF WITNESS (optional):**

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

was personally present and did see HARA, Daisuke  
inventor identified above

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

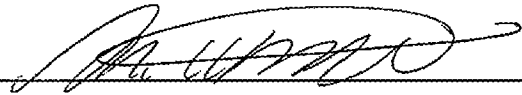
to me to be the person described herein.

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

Atty. Docket No.

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name OKUNO, Masahisa

Inventor's Signature 

Date February 14, 2018

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

**STATEMENT OF WITNESS (optional):**

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

was personally present and did see OKUNO, Masahisa  
inventor identified above

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

to me to be the person described herein.

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

Atty. Docket No.

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name JODA, Takuya  
Inventor's Signature *Takuya Joda*  
Date February 14, 2018  
Signed at Toyama-shi, Japan  
(City and Country)

**STATEMENT OF WITNESS (optional):**

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

was personally present and did see JODA, Takuya  
inventor identified above

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

to me to be the person described herein.

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



Atty. Docket No.

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name TSUKAMOTO, Takashi

Inventor's Signature Tsukamoto, Takashi

Date February 17, 2018

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

**STATEMENT OF WITNESS (optional):**

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

was personally present and did see TSUKAMOTO, Takashi  
inventor identified above

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

to me to be the person described herein.

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

Atty. Docket No.

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name TANAKA, Akinori

Inventor's Signature Akinori Tanaka

Date February 15, 2018

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

**STATEMENT OF WITNESS (optional):**

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

was personally present and did see TANAKA, Akinori  
inventor identified above

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

to me to be the person described herein.

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

Atty. Docket No.

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name KAKUDA, Toru

Inventor's Signature Toru KAKUDA

Date February 14, 2018

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

**STATEMENT OF WITNESS (optional):**

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

was personally present and did see KAKUDA, Toru  
inventor identified above

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

to me to be the person described herein.

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

Atty. Docket No.

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name HORII, Sadayoshi  
Inventor's Signature Sadayoshi Horii  
Date February, 16, 2018  
Signed at Toyama-shi, Japan  
(City and Country)

**STATEMENT OF WITNESS (optional):**

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

was personally present and did see HORII, Sadayoshi  
inventor identified above

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

to me to be the person described herein.

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