

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT4457880

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SATOSHI SHIMAMOTO	06/05/2017
	YOSHIRO HIROSE	05/31/2017
	HAJIME KARASAWA	05/31/2017
	RYOTA HORIIKE	05/31/2017
	NAOHARU NAKAISO	05/31/2017
	YOSHITOMO HASHIMOTO	05/31/2017
RECEIVING PARTY DATA		
Name:	HITACHI KOKUSAI ELECTRIC INC.	
Street Address:	15-12, NISHI-SHIMBASHI 2-CHOME	
Internal Address:	MINATO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	105-8039	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	15620280
CORRESPONDENCE DATA		
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Email:	lhennessy@vklaw.com	
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Address Line 1:	UNITED PLAZA	
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Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103	
ATTORNEY DOCKET NUMBER:	HITACHI13-0001413US01	
NAME OF SUBMITTER:	GERALD B. HALT, JR.	
SIGNATURE:	/Gerald B. Halt, Jr./	
DATE SIGNED:	06/13/2017	

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Total Attachments: 8

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Atty. Docket No.

ASSIGNMENT AND DECLARATION

With respect to the invention titled

**METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE,
SUBSTRATE PROCESSING APPARATUS, AND RECORDING MEDIUM**

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 SHIMAMOTO, Satoshi
Inventor's Signature *Shimamoto Satoshi*
Date June 5, 2017
Signed at Toyama-shi, Japan
(City and Country)

STATEMENT OF WITNESS (optional):

I, _____
Name of Witness

was personally present and did see SHIMAMOTO, Satoshi
inventor identified above

execute this Assignment on _____ and such Assignor is personally
date known

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.

Atty. Docket No.

**SUPPLEMENTAL SHEET FOR
DECLARATION AND ASSIGNMENT**

Inventor's Name HIROSE, Yoshiro

Inventor's Signature Hirose, Yoshiro

Date May 31, 2017

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

STATEMENT OF WITNESS (optional):

I, _____
Name of Witness

was personally present and did see HIROSE, Yoshiro
inventor identified above

execute this Assignment on _____ and such Assignor is personally
known
date

to me to be the person described herein.

Witness
Signature _____

Atty. Docket No.

**SUPPLEMENTAL SHEET FOR
DECLARATION AND ASSIGNMENT**

Inventor's Name KARASAWA, Hajime

Inventor's Signature KARASAWA, Hajime

Date May 31, 2017

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

STATEMENT OF WITNESS (optional):

I, _____
Name of Witness

was personally present and did see KARASAWA, Hajime
inventor identified above

execute this Assignment on _____ and such Assignor is personally
known
date

to me to be the person described herein.

Witness
Signature _____

Atty. Docket No.

**SUPPLEMENTAL SHEET FOR
DECLARATION AND ASSIGNMENT**

Inventor's Name HORIIKE, Ryota
Inventor's Signature HORIIKE, Ryota
Date May 31, 2017
Signed at Toyama-shi, Japan
(City and Country)

STATEMENT OF WITNESS (optional):

I, _____
Name of Witness

was personally present and did see HORIIKE, Ryota
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 NAKAISO, Naoharu

Inventor's Signature NAKAISO, Naoharu

Date May 31, 2017

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

STATEMENT OF WITNESS (optional):

I, _____
Name of Witness

was personally present and did see NAKAISO, Naoharu
inventor identified above

execute this Assignment on _____ and such Assignor is personally
known
date

to me to be the person described herein.

Witness
Signature _____

Atty. Docket No.

**SUPPLEMENTAL SHEET FOR
DECLARATION AND ASSIGNMENT**

Inventor's Name HASHIMOTO, Yoshitomo

Inventor's Signature HASHIMOTO, Yoshitomo

Date May 31, 2017

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

STATEMENT OF WITNESS (optional):

I, _____
Name of Witness

was personally present and did see HASHIMOTO, Yoshitomo
inventor identified above

execute this Assignment on _____ and such Assignor is personally
date known

to me to be the person described herein.

Witness
Signature _____