507651524 12/16/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7698659

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NAOFUMI OHASHI	07/29/2019
TOSHIYUKI KIKUCHI	07/29/2019
SHUN MATSUI	07/30/2019
TADASHI TAKASAKI	07/26/2019

RECEIVING PARTY DATA

Name:	KOKUSAI ELECTRIC CORPORATION	
Street Address:	3-4, KANDAKAJI-CHO	
Internal Address:	CHIYODA-KU	
City:	TOKYO	
State/Country:	tate/Country: JAPAN	
Postal Code: 101-0045		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17725181

CORRESPONDENCE DATA

Fax Number: (215)568-6499

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.

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ATTORNEY DOCKET NUMBER:	KACKEC-0002807US02
NAME OF SUBMITTER:	GERALD B. HALT, JR.
SIGNATURE:	/Gerald B. Halt, Jr./
DATE SIGNED:	12/16/2022

Total Attachments: 6

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PATENT REEL: 062120 FRAME: 0857

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PATENT REEL: 062120 FRAME: 0858

ASSIGNMENT AND DECLARATION

With respect to the invention titled

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

for which the undersig	ned has authorized or prepa	red an application for United
States Letters Patent, I	J.S. Patent Application No	, filed on,
I (the undersigne	ed) hereby state the following.	
	DECLARATION	
The above-identi	fied application was made or a	authorized to be made by me.
I believe that I	am the original inventor or a	n original joint inventor of a
claimed invention in th	e application.	
I have reviewed	d and understand the cont	ents of the above-identified
application, including t	he claims.	
I acknowledge	the duty to disclose inform	nation which is material to
patentability as defined	in Title 37, Code of Federal I	Regulations § 1.56.
I hereby ackno	wledge that any willful fal	se statement made in this
declaration is punishab	le under 18 U.S.C. 1001 by fin	e or imprisonment of not more
than 5 years, or both.		
	Accronner	
The undersigned	ASSIGNMENT hereby authorizes assignee of	or assignee's representative to
		of this application if they are
	_	
unknown at the time of	execution of this assignment.	
Assignee	KOKUSAI ELECTRIC (CORPORATION
Assignee State or Country of Incorporation	Japan	ti andi tara sama
Assignee Address	3-4, Kandakaji-cho, Chiyoda-	ku
	Tokyo 1010045, Japan	

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PATENT REEL: 062120 FRAME: 0859

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.

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PATENT REEL: 062120 FRAME: 0860

SIGNATURE SHEET FOR DECLARATION AND ASSIGNMENT

Inventor's Name	OHASHI, Naofumi
Inventor's Signature	Nautum: Ohash:
Date	Nautum: Ohash: July 29, 2019
Signed at	Toyama-shi, Japan
	(City and Country)
STATEM	ENT OF WITNESS (optional):
	Ι,
	Name of Witness
was perso	onally present and did see OHASHI, Naofumi inventor identified above
execute t	his Assignment on and such Assignor is personally known date
to me to l	pe the person described herein.
Witness Signature	
must accor	tion data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, mpany this form. Use a separate form for each inventor; or check the box below and ne attached page(s) to list additional inventors.
■ Additiona	al inventors are being named on the <u>3</u> supplemental sheet(s) attached hereto.

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

Inventor's Name	KIKUCHI, Toshiyuki	
Inventor's Signature	T. Kikuchi	
Date	July 29, 2019	
Signed at	Toyama-shi, Japan	
	(City and Country)	
STATEM	ENT OF WITNESS (optional):	
	Ι,	
	Name of Witness	
was perso	onally present and did see KIKUCHI, Toshiyuki	
	inventor identified above	
execute tl	his Assignment on and such Assignor is personally know date	vn
to me to b	be the person described herein.	
Witness Signature		

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

Inventor's Name	MATSUI, Shun	
Inventor's Signature	Shan Matsyi	
Date	Unly 30, 2019	
Signed at	Toyama-shi, Japan	
•	(City and Country)	
STATEMI	ENT OF WITNESS (optional):	
	Ι,	
	Name of Witness	
was perso	onally present and did see MATSUI, Shun	
	inventor identified above	
execute th	his Assignment on and such Assignor is personally kno- date	wn
to me to b	be the person described herein.	
Witness Signature		

$\label{eq:KACKEC-0002807US02} \mbox{ KACKEC-0002807US02 (formerly HITACHI13-0002807US02)} \mbox{ Atty. Docket No.} \mbox{ HITACHI13-0002807US01 (changed to KACKEC-0002807US01)} \mbox{ }$

SUPPLEMENTAL SHEET FOR DECLARATION AND ASSIGNMENT

Inventor's Name	TAKASAKI, Tadashi	
Inventor's Signature	Takasaki Tao	laski
Date	2019/7/26	
Signed at	Toyama-shi, Japan	
	(City and Country)	
STATEM	ENT OF WITNESS (option	onal):
	Ι,	Name of Witness
was perso	onally present and did see	TAKASAKI, Tadashi inventor identified above
execute this Assignment on		and such Assignor is personally known
to me to b	pe the person described her	ein.
Witness Signature		

PATENT REEL: 062120 FRAME: 0864

RECORDED: 12/16/2022