505595442 07/30/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SATORU TAKAHATA	07/02/2019
ICHIRO NUNOMURA	07/02/2019
TSUKASA IIDA	07/02/2019
HITOSHI SEKIHARA	07/02/2019
KAZUNORI TSUTSUGUCHI	07/02/2019
JIN SHIBATA	07/02/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16522265

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: HITACHI13-0002752US01	
NAME OF SUBMITTER:	GERALD B. HALT, JR.
SIGNATURE: /Gerald B. Halt, Jr./	
DATE SIGNED:	07/30/2019

PATENT 505595442 REEL: 049896 FRAME: 0971

Total Attachments: 8 source=A_HITACHI13-0002752US01_Assignment_EFS#page1.tif source=A_HITACHI13-0002752US01_Assignment_EFS#page2.tif source=A_HITACHI13-0002752US01_Assignment_EFS#page3.tif source=A_HITACHI13-0002752US01_Assignment_EFS#page4.tif source=A_HITACHI13-0002752US01_Assignment_EFS#page5.tif source=A_HITACHI13-0002752US01_Assignment_EFS#page6.tif source=A_HITACHI13-0002752US01_Assignment_EFS#page7.tif source=A_HITACHI13-0002752US01_Assignment_EFS#page8.tif

PATENT REEL: 049896 FRAME: 0972

ASSIGNMENT AND DECLARATION

With respect to the invention titled

SUBSTRATE PROCESSING APPARATUS AND RECORDING MEDIUM

for which the undersig	ned has authorized or prepared an application for United
States Letters Patent, U	J.S. Patent Application No, filed on,
I (the undersigne	ed) hereby state the following.
	Throws a salamana
The above-identi	DECLARATION fied 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	e application.
I have reviewed	d and understand the contents of the above-identified
application, including t	he 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 ackno	wledge that any willful false statement made in this
declaration is punishab	le 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	KOKUSAI ELECTRIC CORPORATION
Assignee State or Country	
of Incorporation	Japan
Assignee Address	3-4, Kandakaji-cho, Chiyoda-ku

1

Tokyo 1010045, 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.

SIGNATURE SHEET FOR DECLARATION AND ASSIGNMENT

Inventor's Name	TAKAHATA, Satoru	
Inventor's Signature	Takahata Satoru	
Date	July 2, 2019	···
Signed at	Toyama-shi, Japan	
	(City and Country)	***
STATEM	IENT OF WITNESS (optional):	•
	I,Name of Witness	
	Name of Witness	
was pers	sonally present and did see	
	inventor identified above	
execute t	this Assignment on and such Assignor is per date	sonally known
to me to l	be the person described herein.	
Witness Signature		
must accor	ation data sheet (PTO/SB/14 or equivalent), including naming the entire in impany this form. Use a separate form for each inventor; or check the t the attached page(s) to list additional inventors.	•

3

■ Additional inventors are being named on the _5_ supplemental sheet(s) attached hereto.

Inventor's Name	NUNOMURA, Ichiro	
Inventor's Signature	hunomura :	lchiro
Date	July 2, 2019	
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	NUNOMURA, Ichiro
		inventor identified above
execute tl	his Assignment on	and such Assignor is personally known
to me to b	e the person described her	ein.
Witness Signature		

Inventor's Name	IIDA, Tsukasa	
Inventor's Signature	Sida Saukas	
Date -	July 2, 2019	
Signed at	Toyama-shi, Japan	
	(City and Country)	······································
STATEME	ENT OF WITNESS (options	al):
	Ĭ,	
		Name of Witness
was person	nally present and did see <u>II</u>	DA, Tsukasa
	ìn	ventor identified above
execute th	is Assignment ondate	and such Assignor is personally known
to me to be	e the person described herein	•
Witness Signature		

Inventor's Name	SEKIHARA, Hitoshi	
Inventor's Signature	SEK/HARA, Hita	sh!
Date	July 2, 2019	
Signed at	Toyama-shi, Japan	
•	(City and Country)	
STATEMI	ENT OF WITNESS (option	onal):
	Ι,	
		Name of Witness
was perso	nally present and did see	SEKIHARA, Hitoshi
		inventor identified above
execute th	nis Assignment on	and such Assignor is personally knowr
to me to b	e the person described her	ein.
Witness Signature		

Inventor's Name	TSUTSUGUCHI, Kazur	nori
Inventor's Signature	Tsv tsu guc	hs, kazunori
Date	July	2,20/9
Signed at	Toyama-shi, Japan	
	(City and Country)	
STATEME	NT OF WITNESS (option	onal);
	Ι,	
		Name of Witness
was persor	nally present and did see	TSUTSUGUCHI, Kazunori
		inventor identified above
execute th	is Assignment on	and such Assignor is personally known
to me to be	the person described her	ein.
Witness Signature _		

Inventor's Name	SHIBATA, Jin
Inventor's Signature	柴田 仁
Date	July 2, 2019
Signed at	Toyama-shi, Japan
1.00	(City and Country)
STATEMI	ENT OF WITNESS (optional):
	1,
	Name of Witness
was perso	nally present and did see SHIBATA, Jin
	inventor identified above
execute th	is Assignment on and such Assignor is personally known date
to me to b	e the person described herein.
Witness Signature	