

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	NUNC PRO TUNC ASSIGNMENT
EFFECTIVE DATE:	12/05/2018

CONVEYING PARTY DATA

Name	Execution Date
HITACHI KOKUSAI ELECTRIC INC.	01/24/2024

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	16047611
Application Number:	18077607

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.

Phone: 2155686400

Email: lgivigliano@vklaw.com, japan@vklaw.com

Correspondent Name: VOLPE KOENIG

Address Line 1: 30 SOUTH 17TH STREET, 18TH FLOOR

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	JMIKEC-0001664US01/US02
NAME OF SUBMITTER:	JOHN M. BOLLINGER
SIGNATURE:	/John M. Bollinger/
DATE SIGNED:	01/26/2024

Total Attachments: 3

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ASSIGNMENT

WHEREAS, Hitachi Kokusai Electric Inc. (Hitachi Kokusai Electric Inc.), a corporation organized and existing under and by virtue of the laws of JAPAN, having an office at 15-12, Nishi-shimbashi 2-chome, Minato-ku, Tokyo, 105-8039, JAPAN, is the owner of the entire right, title, and interest in the U.S. Patents and U.S. Patent Applications (hereinafter "Patent Documents") set forth and identified in Schedule A, by previous assignment.

WHEREAS, Kokusai Electric Corporation, a corporation organized and existing under and by virtue of the laws of JAPAN, having an office at 3-4, Kandakaji-cho, Chiyoda-ku, Tokyo, 101-0045, JAPAN, is desirous of acquiring the entire right, title, and interest in and to the Patent Documents.

WHEREAS, the Parties enter into this agreement, *nunc pro tunc*, to be effective as of December 5, 2018.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, Hitachi Kokusai Electric Inc., intending to be legally bound, does hereby sell, assign, and transfer to Kokusai Electric Corporation and Kokusai Electric Corporation's successors, assigns, and legal representatives the entire right, title, and interest in the Patent Documents, including, but not limited to all divisions and continuations thereof in the United States, and in all letters patent in the United States, including all reissues and reexaminations thereof in the United States, and the right to sue parties other than Hitachi Kokusai Electric Inc. for past infringement.

It is agreed that Hitachi Kokusai Electric Inc. shall be legally bound, upon request of Kokusai Electric Corporation, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the Patent Documents for the benefit of Kokusai Electric Corporation, and to execute all instruments proper to carry out the intent of this instrument.

Hitachi Kokusai Electric Inc. warrants that the rights and property herein conveyed are free and clear of any encumbrance.

EXECUTED under seal on this 24 day of Jan, 2024.

Hitachi Kokusai Electric Inc.,

By: /Masaki Tanaka/
Masaki TANAKA

Schedule A

Application No.	Filing Date	Docket No.	Title
16/047,611	07/27/2018	JMIKEC-0001664US01	SUBSTRATE PROCESSING APPARATUS AND METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE
18/077,607	12/08/2022	JMIKEC-0001664US02	SUBSTRATE PROCESSING APPARATUS AND METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE