

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HITACHI CHEMICAL COMPANY, LTD.	07/24/2019
RECEIVING PARTY DATA	
Name:	HITACHI KOKUSAI ELECTRIC INC.
Street Address:	15-12, NISHI SHIMBASHI 2-CHOME, MINATO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	105-8039
PROPERTY NUMBERS Total: 5	
Property Type	Number
Patent Number:	6720931
Patent Number:	8698689
Patent Number:	8847841
Patent Number:	9620865
Patent Number:	8644367
CORRESPONDENCE DATA	
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NAME OF SUBMITTER:	JOHN R. MATTINGLY
SIGNATURE:	/John R. Mattingly/
DATE SIGNED:	08/26/2019
Total Attachments: 2	

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ASSIGNMENT

WHEREAS, **Hitachi Chemical Company, Ltd.** (hereinafter referred to as ASSIGNOR), is an owner, by assignment, of the following United States Letters Patent(s):

U.S. Patent No. **6,720,931**, issue date April 13, 2004

U.S. Patent No. **8,698,689**, issue date April 15, 2014

U.S. Patent No. **8,847,841**, issue date September 30, 2014

U.S. Patent No. **9,620,865**, issue date April 11, 2017

U.S. Patent No. **8,644,367**, issue date February 4, 2014

WHEREAS, **Hitachi Kokusai Electric Inc.** (hereinafter referred to as ASSIGNEE), a corporation organized under the laws of Japan, having its place of business at 15-12, Nishi Shimbashi 2-chome, Minato-ku, Tokyo 105-8039, Japan, is desirous of acquiring ASSIGNOR's entire right, title and interest, in, to and under said Letters Patent(s), and any and all renewals, reissues, reexaminations and extensions thereof.

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, said ASSIGNOR has sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over to the said ASSIGNEE, its entire right, title and interest, in, to and under said Letters Patent(s) and all renewals, reissues, reexaminations and extensions thereof, including any and all priority and or convention rights accruing or to accrue with respect to the filing or securing of patents in the United States, including the right to sue for past infringement, the same to be held and enjoyed by said ASSIGNEE for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives, to the end of the term for which said Letters

Assignment from Hitachi Chemical Company, Ltd.
to Hitachi Kokusai Electric Inc.

Patent(s) of the United States are granted including any and all renewals, reissues, reexaminations and extensions thereof, as fully and entirely, as the same would have been held and enjoyed by the said ASSIGNOR, if this assignment and sale had not been made.

WHEREBY, ASSIGNOR hereby grants the law firm of MATTINGLY & MALUR, PC., the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Hitachi Chemical Company, Ltd.

July 24th, 2019.
Date

Tetsuya Maruyama
By: TETSUYA MARUYAMA
Title: General Manager,
Intellectual Property Strategy Center
(Authorized Signing Officer)