

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY DATA			
Name		Execution Date	
HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO., LTD.		12/26/2022	
RECEIVING PARTY DATA			
Name:	HITACHI METALS, LTD.		
Street Address:	2-1, SHIBAURA 1-CHOME, MINATO-KU		
City:	TOKYO		
State/Country:	JAPAN		
PROPERTY NUMBERS Total: 2			
Property Type	Number		
Patent Number:	8786155		
Patent Number:	8836192		
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SIGNATURE:	/John R. Mattingly/		
DATE SIGNED:	12/29/2022		
Total Attachments: 2			
source=(USMA)			
ASSIGNMENT（110951045US01,111050931US01（知財）2022-サ04&			
source=(USMA)			
ASSIGNMENT（110951045US01,111050931US01（知財）2022-サ04&			

ASSIGNMENT

WHEREAS, **Hitachi Industrial Equipment Systems Co., Ltd.** (hereinafter referred to as **ASSIGNOR**), is an owner, by assignment, of the following United States Letters Patent(s) of the United States of America:

U.S. Patent No. **8,786,155**, issue date July 22, 2014

U.S. Patent No. **8,836,192**, issue date September 16, 2014

WHEREAS, **Hitachi Metals, Ltd.** (hereinafter referred to as **ASSIGNEE**), a corporation organized under the laws of Japan, having its place of business at 2-1, Shibaura 1-chome, Minato-ku, Tokyo, 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 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.

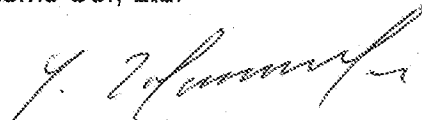
Assignment from Hitachi Industrial Equipment Systems Co., Ltd.
to Hitachi Metals, Ltd.

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 Industrial Equipment
Systems Co., Ltd.

December 26, 2022

Date



By: Yasuhiro TAKEUCHI
President and Director