

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7329208

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KAWASAKI JUKOGYO KABUSHIKI KAISHA	04/27/2022
RECEIVING PARTY DATA	
Name:	KAWASAKI RAILCAR MANUFACTURING CO., LTD.
Street Address:	1-18, WADAYAMA-DORI 2-CHOME, HYOGO-KU
City:	KOBE-SHI, HYOGO
State/Country:	JAPAN
Postal Code:	652-0884
PROPERTY NUMBERS Total: 4	
Property Type	Number
Patent Number:	10435044
Patent Number:	10449979
Patent Number:	10563719
Patent Number:	10538257
CORRESPONDENCE DATA	
Fax Number:	(202)204-0289
<i>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.</i>	
Phone:	202-842-8800
Email:	dcpatentfiling@faegredrinker.com
Correspondent Name:	FAEGRE DRINKER BIDDLE & REATH LLP (DC)
Address Line 1:	1500 K STREET, N.W.
Address Line 2:	SUITE 1100
Address Line 4:	WASHINGTON, D.C. 20005-1209
ATTORNEY DOCKET NUMBER:	K21036_201917
NAME OF SUBMITTER:	JOHN G. SMITH
SIGNATURE:	/John G. Smith/
DATE SIGNED:	05/13/2022
Total Attachments: 2	
source=K21036_assignment_kawasakijukkogyo_to_kawasakirailcar#page1.tif	
source=K21036_assignment_kawasakijukkogyo_to_kawasakirailcar#page2.tif	

ASSIGNMENT

WHEREAS THIS ASSIGNMENT is by **KAWASAKI JUKOGYO KABUSHIKI KAISHA**, having a principal place of business at 1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 650-8670, Japan (hereinafter referred to as “the Assignor”);

WHEREAS, the Assignor is an owner at least in part of certain new and useful improvements and the invention set forth in each application and patent listed in the below table:

	Application No.	Filing Date	Patent No. (if applicable)	Patent Issue Date
1.	15/526,396	05/12/2017	10,435,044	10/08/2019
2.	15/528,547	05/22/2017	10,449,979	10/22/2019
3.	15/527,130	05/16/2017	10,563,719	02/18/2020
4.	15/525,987	05/11/2017	10,538,257	01/21/2020

WHEREAS, **Kawasaki Railcar Manufacturing Co., Ltd.**, having a principal place of business at 1-18, Wadayama-dori 2-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0884, Japan (hereinafter referred to as “the Assignee”), is desirous of acquiring the entire right, title, and interest in and to each said invention, the right to file any application on each said invention and the entire right, title and interest in and to any patent application, including any provisional application for Letters Patent of the United States or other applications claiming priority to any such application, and in and to any Letters Patent or Patents of the United States or foreign, to be obtained therefor and thereon, including the aforementioned 1) U.S. Patent No. 10,435,044 issued in the United States on October 8, 2019, 2) U.S. Patent No. 10,449,979 issued in the United States on October 22, 2019, 3) U.S. Patent No. 10,563,719 issued in the United States on February 18, 2020, and 4) U.S. Patent No. 10,538,257 issued in the United States on January 21, 2020, to the extent currently owned by the Assignor;

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest in and to each above-mentioned invention, the right to file applications on each said invention and the entire right, title and interest in and to any patent application, and any and all Letters Patent or Patents that may be granted therefor and thereon, including the aforementioned 1) U.S. Patent No. 10,435,044 issued in the United States on October 8, 2019, 2) U.S. Patent No. 10,449,979 issued in the United States on October 22, 2019, 3) U.S. Patent No. 10,563,719 issued in the United States on February 18, 2020, and 4) U.S. Patent No. 10,538,257 issued in the United States on January 21, 2020, and in and to any and all applications, and reissues and extensions of said Letters Patent or Patents, the same to be held and enjoyed by the Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives, and assigns, to the full end of the term or

terms for which any such Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, that Assignor is a lawful owner at least in part of the entire right, title, and interest in and to the invention set forth in said Letters Patent, Patents, and applications, including provisional applications, above-mentioned, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representative, and assigns, that the Assignor will, whenever counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with each said invention or Letters Patent or Patents or said applications for Letters Patent or Patents, or any proceeding in connection with any Letters Patent or Patents for each said invention in any country, including interference proceedings, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of any such Letters Patent or Patents for each said invention, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of that Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby requests the Commissioner of Patents to issue any said Letters Patent of the United States to the Assignees as the Assignees of each said invention, the Letters Patent to be issued for the sole use and benefit of the Assignee, its successors, legal representatives, and assigns.

DATE

April 27, 2022



Name: Makoto FUKUOKA

Title: Senior Manager of Intellectual Property
Department
KAWASAKI JUKOGYO KABUSHIKI
KAISHA

ACTIVE.136054670.01