PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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OSAMU MATSUI	07/10/2019
ATSUSHI ISHIKURA	07/10/2019

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29705443

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NAME OF SUBMITTER:	MICHAEL A. JAFFE	
SIGNATURE:	/Michael A. Jaffe/	
DATE SIGNED:	09/12/2019	

Total Attachments: 2

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PATENT 505668255 REEL: 050354 FRAME: 0491

Practitioner's Docket No. <u>MM12</u> Applicant Ref:		·		PATENI
Appitant Rei.			For: For: By:	U.S. Rights U.S. Application Inventors
	ASSIGNM	ENT OF INVENTION		
In consideration of the payment the receipt of which is hereby ack				
ASSIGNOR(S):				
	Name: Address:	Yuichi UEDA c/o DAIFUKU CO., L' 1225, Nakazaiji, Hino- Shiga 529-1692 Japan N	cho, Ga	
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·	Name: Address:	Atsushi ISHIKURA c/o DAIFUKU CO., L' 1225, Nakazaiji, Hino- Shiga 529-1692 Japan N		mo-gun,
hereby sell, assign and transfer to				
ASSIGNEE:	Name: Address:	DAIFUKU CO., LTD. 2-11, Mitejima 3-chom Osaka-shi, Osaka 555-	0012 Ja _l	

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions in and to any and all improvements which are disclosed in the invention entitled:

Assignment of Invention—page 1 of 2

Practitioner's Docket No. MM12118US		PATENT
Applicant Ref:		
RAIL FOR CARRIAG	E	·
and which is found in (37 C.F.R. §3.21) U.S. Application No, fill Letters Patent to be obtained for said inversemental, or substitute thereof, and as to letter	led on ntion by the above ap	and, in and to, all plication or any continuation, division,
ASSIGNOR(S) hereby covenant(s) that will be made or entered into which would concern ASSIGNOR(S) further covenant(s) that all pertinent facts and documents relating to as may be known and accessible to ASSIC litigation or proceeding related thereto and representatives any and all papers, instrume and enforce said application, said invention may be necessary or desirable to carry out the ASSIGNOR(S) hereby grant(s) the firm assignment document any information, in necessary or desirable in order to comply recordation of this document.	onflict with this assignment ASSIGNEE will, upon o said invention and so GNOR(S) and will test will promptly execute ents or affidavits require and said Letters Patter purposes thereof. In of Kusner & Jaffe to cluding application on	nent. It its request, be provided promptly with aid Letters Patent and legal equivalents ify as to the same in any interference, and deliver to ASSIGNEE or its legal red to apply for, obtain, maintain, issue ant and said equivalents thereof which the power to insert or complete on this umber and filing date, which may be
I/We have hereunto set hand on the date	(s) set forth below.	
Date: July 10, 2019	Ywi	chi Ueda
,	Signature of	Yuichi UEDA
Date: July 10, 2019)samu MATSUI
	Signature of	Osamu MATSUI
Date: July 10,2019	Atoushi	ISHIKURA
	Signature of	Ateuchi ISHIKIID A

Assignment of Invention---page 2 of 2