

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5670114

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hideto KIYOHARA	06/25/2019
Tetsuya SHIRAISHI	06/25/2019
Hitoshi NOGUUCHI	06/25/2019
Yoshiharu YOSHIDA	06/25/2019
Ryoma INUI	06/25/2019
Kenichi MURANO	06/25/2019

RECEIVING PARTY DATA

Name:	Japan Association Of Cargo-handling Machinery Systems
Street Address:	17-2, 2-chome Nishi-Shinbashi, Minato-ku
City:	Tokyo
State/Country:	Japan
Postal Code:	105-0003
Name:	MITSUI E&S MACHINERY CO., LTD.
Street Address:	6-4, TSUKIJI 5-CHOME, CHUO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	104-8439
Name:	Jfe Engineering Corporation
Street Address:	8-1, Marunouchi 1-chome, Chiyoda-ku
City:	Tokyo
State/Country:	Japan
Postal Code:	100-0005

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16486260

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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.

PATENT

Phone: 703-836-6400
Email: email@oliff.com
Correspondent Name: JAMES A. OLIFF
Address Line 1: OLIFF PLC
Address Line 2: P.O. BOX 320850
Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	187230
NAME OF SUBMITTER:	CYNTHIA KLINE
SIGNATURE:	/Cynthia Kline/
DATE SIGNED:	08/15/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

source=187230 AssgnDec#page1.tif
source=187230 AssgnDec#page2.tif

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e))**For Application with Filing Date on or after September 16, 2012****ASSIGNMENT
(Three Assignees)**

Insert	(1)	<u>Hideto KIYOHARA</u>	(2)	<u>Tetsuya SHIRAISHI</u>
(1-8) Legal Name(s)	(3)	<u>Hitoshi NOGUCHI</u>	(4)	<u>Yoshiharu YOSHIDA</u>
of Inventor(s)	(5)	<u>Ryoma INUI</u>	(6)	<u>Kenichi MURANO</u>
	(7)	<u></u>	(8)	<u></u>

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9A) Insert Name of First Assignee	(9A)	<u>JAPAN ASSOCIATION OF CARGO-HANDLING MACHINERY SYSTEMS</u>
(10A) Insert Address of First Assignee	(10A)	<u>17-2, 2-chome Nishi-Shinbashi, Minato-ku, Tokyo 105-0003, JAPAN</u>
(9B) Insert Name of Second Assignee	(9B)	<u>MITSUI E&S MACHINERY CO., LTD.</u>
(10B) Insert Address of Second Assignee	(10B)	<u>6-4, Tsukiji 5-chome, Chuo-ku, Tokyo 104-8439, JAPAN</u>
(9C) Insert Name of Third Assignee	(9C)	<u>JFE ENGINEERING CORPORATION</u>
(10C) Insert Address of Third Assignee	(10C)	<u>8-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 JAPAN</u>

(hereinafter designated as the Assignees) and Assignees' heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification such as Title, Case Number, or Foreign Application Number	(11)	<u>CONTAINER TERMINAL OPERATION METHOD</u>
	(Attorney Docket No. <u>187230</u>),	filed on even date herewith or as

(12) Alternative Identification for filed applications	(12)	U.S. Application Number <u>16/486,260</u>
	filed	<u>August 15, 2019</u>

1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.

2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignees in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignees.

5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignees, as Assignees of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

6) Each undersigned hereby grants the firm of **OLIFF PLC** the power to insert on this assignment any further identification that 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.

(13) Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	<u>6/25/2019</u>	Inventor Signature	<u>[Signature]</u> Hidem ETYCHAKA	(SEAL)
Date	<u>6/25/2019</u>	Inventor Signature	<u>[Signature]</u> Tatsuo SHIRASHI	(SEAL)
Date	<u>6/25/2019</u>	Inventor Signature	<u>[Signature]</u> Hisashi NOGUCHI	(SEAL)
Date	<u>6/25/2019</u>	Inventor Signature	<u>[Signature]</u> Yoshikazu YOSHIDA	(SEAL)
Date	<u>6/25/2019</u>	Inventor Signature	<u>[Signature]</u> Ryota INUI	(SEAL)
Date	<u>6/25/2019</u>	Inventor Signature	<u>[Signature]</u> Kenichi MURAO	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)
Date	_____	Inventor Signature	_____	(SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date	<u>6/25/2019</u>	Witness	<u>[Signature]</u> Hirokazu Ishihara	(SEAL)
Date	<u>6/25/2019</u>	Witness	<u>[Signature]</u> Tomoyasu ERIC	(SEAL)