507350665 06/23/2022

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7397586

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TAKAAKI TANAKA	11/02/2021
KAZUNORI ISHIHARA	11/08/2021
JUN IKEDA	11/02/2021
JURI SHIMIZU	11/05/2021

### **RECEIVING PARTY DATA**

Name:	HITACHI CONSTRUCTION MACHINERY CO., LTD.
Street Address:	16-1, HIGASHIUENO 2-CHOME
City:	TAITO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	110-0015

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17597043

## **CORRESPONDENCE DATA**

**Fax Number:** (202)628-8884

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**Phone:** 2026242500

Email: edocket@crowell.com, Rfleming@crowell.com

Correspondent Name: CROWELL & MORING LLP INTELLECTUAL PROPER

Address Line 1: P.O. BOX 14300

Address Line 4: WASHINGTON, D.C. 20044-4300

ATTORNEY DOCKET NUMBER:	112483.PF113US
NAME OF SUBMITTER:	JEFFREY D. SANOK
SIGNATURE:	/Jeffrey D. Sanok/
DATE SIGNED:	06/23/2022

#### **Total Attachments: 4**

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PATENT 507350665 REEL: 060290 FRAME: 0328

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Title of Invention:

# ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

HYDRAULIC ACTUATOR CONTROL DEVICE FOR DUMP TRUCK

This assignment and declaration are directed to (check one):	
the application identified above by the attorney docket no. and title of inve	ntion
PCT International Application Number PCT/JP2019/043927, filed Novem	

United States Application No. \_\_\_\_\_\_, filed

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below named inventor I have sold and assigned, and by these presents hereby sell and assign, unto:

HITACHI CONSTRUCTION MACHINERY CO., LTD. Name of Assignee:

Address of Assignee: 16-1, Higashiueno 2-chome, Taito-ku, Tokyo 110-0015, Japan

(hereinafter ASSIGNEE) all my right, title and interest for the United States, its territories and possessions in and to the above-identified invention and United States patent application, including any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by me had this Assignment not been made.

I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith.

I warrant and covenant that I have the full and unencumbered right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.

I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors or assigns, or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention.

# DECLARATION

As a below named inventor, I hereby declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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.

Signature: Inventor:

Takaaki TANAKA

Takaaki Tanaka | 1 / 2 / 2021
Takaaki TANAKA DATE

# ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invent	ion: HYDRAULIC ACTUATOR CONTROL DEVICE FO	OR DUMP TRUCK
the appl	nt and declaration are directed to (check one): ication identified above by the attorney docket no. and title of incernational Application Number PCT/JP2019/043927, filed Novestates Application No, filed	
	<b>ASSIGNMENT</b>	
	aluable consideration, the receipt and sufficiency of which are haventor I have sold and assigned, and by these presents hereby s	
Name of Assig	nee: HITACHI CONSTRUCTION MACHINERY CO.,	LTD.
Address of Ass	signee: 16-1, Higashiueno 2-chome, Taito-ku, Tokyo 116	0-0015, Japan
and to the above continuations the such application enjoyed by said	SIGNEE) all my right, title and interest for the United States, it re-identified invention and United States patent application, includereof, and in and to any and all Letters Patent of the United States nor for said invention, including any and all reissues or extension ASSIGNEE, its successors or assigns to the full end of the term tent may be granted as fully and entirely as would have been he to been made.	uding any and all divisions or tes which may issue on any ons thereof, to be held and n or terms for which any and all
	ize and request the Director of the U.S. Patent and Trademark Co said ASSIGNEE, its successors or assigns in accordance here	
	ovenant that I have the full and unencumbered right to sell and and that I have not executed and will not execute any document o	
I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors or assigns, or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention.		
	<b>DECLARATION</b>	
As a below nam	ned inventor, I hereby declare that:	
The above-iden	tified application was made or authorized to be made by me.	
I believe that I a	am the original inventor or an original joint inventor of a claime	d invention in the application.
	wledge that any willful false statement made in this declaration imprisonment of not more than five (5) years, or both.	is punishable under 18 U.S.C.
Signature: Inventor:	Kazurori Oshihara Kazunori ISHIHARA	

# ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

Title of Invention:	HYDRAULIC ACTUATOR CONTROL DEVICE	FOR DUMP TRUCK
the application i	eclaration are directed to (check one): dentified above by the attorney docket no. and title o al Application Number PCT/JP2019/043927, filed N pplication No, filed	
	<b>ASSIGNMENT</b>	
	consideration, the receipt and sufficiency of which are larger than the larger	
Name of Assignee:	HITACHI CONSTRUCTION MACHINERY C	O., LTD.
Address of Assignee:	16-1, Higashiueno 2-chome, Taito-ku, Tokyo	110-0015, Japan
and to the above-identic continuations thereof, a such application or for enjoyed by said ASSIG	E) all my right, title and interest for the United States fied invention and United States patent application, in and in and to any and all Letters Patent of the United said invention, including any and all reissues or extend NEE, its successors or assigns to the full end of the toy be granted as fully and entirely as would have been lade.	ncluding any and all divisions or States which may issue on any nsions thereof, to be held and erm or terms for which any and al
	request the Director of the U.S. Patent and Trademark SSIGNEE, its successors or assigns in accordance he	
	that I have the full and unencumbered right to sell ar have not executed and will not execute any documen	
or assigns all informatic and deliver any papers, acts deemed necessary perfect title to said inve- all Letters Patent which ASSIGNEE, its success	agree that I will communicate to said ASSIGNEE, its on known to me relating to said invention or patent a make all rightful oaths, testify in any legal proceeding or desirable by said ASSIGNEE, its successors, legal antion, to said application including divisions and commay be granted therefor or thereon, including reissues or assigns, or to assist said ASSIGNEE, its successuing or enforcing Letters Patent of the United States	pplication and that I will execute ngs and perform all other lawful I representatives or assigns to attinuations thereof and to any and less or extensions, in said essors, legal representatives or
	<b>DECLARATION</b>	
As a below named inve	ntor, I hereby declare that:	
The above-identified ap	pplication was made or authorized to be made by me.	
I believe that I am the o	riginal inventor or an original joint inventor of a clai	med invention in the application.
	hat any willful false statement made in this declaration nment of not more than five (5) years, or both.	on is punishable under 18 U.S.C.
Signature:	Im I Kodu	11/2/202/

Title of Invention:

# ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63

(For Use with Signed Application Data Sheet)

HYDRAULIC ACTUATOR CONTROL DEVICE FOR DUMP TRUCK

This assignment and declaration are directed to (check one):
the application identified above by the attorney docket no. and title of invention
PCT International Application Number PCT/JP2019/043927, filed November 8, 2019
United States Application No, filed

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as a below named inventor I have sold and assigned, and by these presents hereby sell and assign, unto:

HITACHI CONSTRUCTION MACHINERY CO., LTD. Name of Assignee:

Address of Assignee: 16-1, Higashiueno 2-chome, Taito-ku, Tokyo 110-0015, Japan

(hereinafter ASSIGNEE) all my right, title and interest for the United States, its territories and possessions in and to the above-identified invention and United States patent application, including any and all divisions or continuations thereof, and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors or assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by me had this Assignment not been made.

I hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith.

I warrant and covenant that I have the full and unencumbered right to sell and assign the interests herein sold and assigned and that I have not executed and will not execute any document or instrument in conflict herewith.

I further covenant and agree that I will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to me relating to said invention or patent application and that I will execute and deliver any papers, make all rightful caths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors or assigns, or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention.

# DECLARATION

As a below named inventor, I hereby declare that:

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

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.

Signature: Inventor:

Shimigu 11/5/2021

**PATENT** 

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