505351913 02/28/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5398698

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAIKI ITOU	02/14/2019
AKIHIRO NARAZAKI	02/02/2019
KATSUAKI KODAKA	02/02/2019

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:	16329032

CORRESPONDENCE DATA

Fax Number: (202)628-8844

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2026242500

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

Correspondent Name: CROWELL & MORING LLP

Address Line 1: PO BOX 14300

Address Line 4: WASHINGTON, D.C. 20044

ATTORNEY DOCKET NUMBER: 080306.PC109US	
NAME OF SUBMITTER:	JEFFREY D. SANOK
SIGNATURE:	/Jeffrey D. Sanok/
DATE SIGNED:	02/28/2019

Total Attachments: 3

source=2019_02_27_PC109US_Combined Assignment and Declarations#page1.tif source=2019_02_27_PC109US_Combined Assignment and Declarations#page2.tif source=2019_02_27_PC109US_Combined Assignment and Declarations#page3.tif

PATENT 505351913 REEL: 048469 FRAME: 0330

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

(For Use with Signed Application Data Sheet)

CERTAIN.	100	* 50
1 11 IA	C+T	Invention:
XXXIII.	O.T.	ARTURESUM.

This assignment and declaration are directed to	
the application identified above by the a	attorney docket no, and title of invention
PCT International Application Number	PCT/JP2018/006055, filed February 20, 2018
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:

Name of Assignee: Hitachi Construction Machinery Co., Ltd.

CONSTRUCTION MACHINE

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 that 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 that 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:

Daiki ITOU

2/14/2019 DATE

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

(For Use with Signed Application Data Sheet)

Title	ΛĒ	Tarr	(Yearn	#in	15 A
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This assignment the app	nt and declaration lication identified ternational Appli	cation Number PCT/JP26	ocket no, and title of invent 018/006055, filed February	20, 2018
United	States Applicatio	n No	, filed	_
		ASSIGN		
For good and below-named	valuable consider inventor I have so	ation, the receipt and suf old and assigned, and by	ficiency of which are hereby these presents hereby sell ar	/ acknowledged, as a id assign, unto:
Name of Assig	gnee: Hitach	i Construction Machine	ery Co., Ltd.	
Address of As	signee: 16-1, H	figashiueno 2-chome, T	aito-ku, Tokyo 110-0015, k	fapan
and to the above continuations to application or by said ASSIG	ve-identified inve hereof, and in an for said invention INEE, its success may be granted a	ntion and United States p d to any and all Letters P i, including any and all ro ors, or assigns to the full	for the United States, its tem- patent application, including atent of the United States the eissues or extensions thereof end of the term or terms for ould have been held and enjo-	; any and all divisions or nat may issue on any such f, to be held and enjoyed r which any and all such
			atent and Trademark Office gns in accordance herewith.	
I warrant and o and assigned a herewith.	covenant that I ha nd that I have not	ve the full and unencumb executed and will not ex	pered right to sell and assign secute any document or inst	the interests herein sold rument in conflict
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 that 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.				
		DECLAR	ATION	
As a below nar	ned inventor, I h	ereby declare that:		
The above-identified application was made or authorized to be made by me.				
I believe that I	am the original i	nventer or an original joi	int inventor of a claimed inv	ention in the application.
		willful false statement man f not more than five (5) y	ade in this declaration is pur years, or both.	ishable under 18 U.S.C.
Signature:		Narazaki		2/2/2019
Inventor:	Akihiro NAR	AZAKI		DATE

PATENT REEL: 048469 FRAME: 0332

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

(For Use with Signed Application Data Sheet)

Title	of	Invention:

CONSTRUCTION MACHINE

CONS.	I ROUTION MACHINE		
the application PCT Internation	eclaration are directed to (check identified above by the attorney asl Application Number PCT/JF. pplication No.	/ docket no. and title of i P2018/006055, filed Feb	ruary 20, 2018
	ASSIG	NMENT	
For good and valuable below-named inventor	consideration, the receipt and s I have sold and assigned, and b	ufficiency of which are by these presents hereby	hereby acknowledged, as a sell and assign, unto:
Name of Assignee:	Hitachi Construction Machi	inery Co., Ltd.	
Address of Assignee:	16-1, Higashiueno 2-chome,	Taito-ku, Tokyo 110-0	015, Japan
and to the above-identi continuations thereof, a application or for said i by said ASSIGNEE, its	fied invention and United State and in and to any and all Letters invention, including any and all s successors, or assigns to the fi granted as fully and entirely as v	s patent application, incl s Patent of the United Sta I reissues or extensions to all end of the term or ten	ates that may issue on any such hereof, to be held and enjoyed ms for which any and all such
	request the Director of the U.S. SSIGNEE, its successors, or as		Office to issue any and all such ewith.
I warrant and covenant and assigned and that I berowith.	that I have the full and unencur have not executed and will not	mbered right to sell and execute any document of	assign the interests herein sold or instrument in conflict
or assigns all information and deliver any papers, acts deemed necessary perfect title to said invested Letters Patent that notes successors, or assign	on known to me relating to said make all rightful oaths, testify or desirable by said ASSIGNE ention, to said application include	I invention or patent app in any legal proceedings E, its successors, legal re ding divisions and contine on, including reissues on its successors, legal rep	s, and perform all other lawful epresentatives, or assigns to nuations thereof and to any and rextensions, in said ASSIGNEE, presentatives, or assigns in
	<u>DECLA</u>	RATION	
As a below named inve	entor, I hereby declare that:		
The above-identified ag	oplication was made or authoriz	red to be made by me.	
I believe that I am the o	original inventor or an original j	joint inventor of a claim	ed invention in the application.
I hereby acknowledge t 1001 by fine or impriso	that any willful false statement onment of not more than five (5	made in this declaration) years, or both.	is punishable under 18 U.S.C.
Signature: Katsu Inventor: Katsu	sugci Kodaka Baki KODAKA	-	2/z/20/9 DATE

PATENT REEL: 048469 FRAME: 0333

RECORDED: 02/28/2019