503717740 03/02/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT3764381 Stylesheet Version v1.2

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROSHI KUMAGAI	02/05/2016
KAZUHIKO MIZOGUCHI	02/05/2016
MASAO NAKAMURA	02/05/2016
HIDETO ISHIBASHI	02/05/2016

RECEIVING PARTY DATA

Name:	HITACHI CONSTRUCTION MACHINERY CO., LTD.
Street Address:	5-1, KORAKU 2-CHOME
City:	BUNKYO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	112-8563

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14915943

CORRESPONDENCE DATA

Fax Number: (202)628-8844

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.

Phone: 2026242500

Email: ggoodin@crowell.com

Correspondent Name: CROWELL & MORING LLP

Address Line 1: 1001 PENNSYLVANIA AVENUE, NW Address Line 4: WASHINGTON, D.C. 20004-2595

ATTORNEY DOCKET NUMBER:	112467.68862US
NAME OF SUBMITTER:	JEFFREY D. SANOK
SIGNATURE:	/Jeffrey D. Sanok/
DATE SIGNED:	03/02/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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Attorney Docket No. U.S. Rights

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

(For Use with Signed Application Data Sheet)

Title of Invention:	Construction Machine	
the application io	claration are directed to (check one): dentified above by the attorney docket no al Application Number PCT/JP2015/0500 oplication No	818, filed January 14, 2015
	ASSIGNMEN	
For good and valuable of below-named inventor I	consideration, the receipt and sufficiency have sold and assigned, and by these pro-	of which are hereby acknowledged, as a essents hereby sell and assign, unto:
Name of Assignee: Address of Assignee:	Hitachi Construction Machinery Co., 5-1, Koraku 2-chome, Bunkyo-ku, To	
and to the above-identif continuations thereof, a application or for said in by said ASSIGNEE, its	ied invention and United States patent ap nd in and to any and all Letters Patent of avention, including any and all reissues of successors, or assigns to the full end of t ranted as fully and entirely as would have	United States, its territories, and possessions in oplication, including any and all divisions or the United States that may issue on any such or extensions thereof, to be held and enjoyed he term or terms for which any and all such e been held and enjoyed by me had this
	request the Director of the U.S. Patent and SSIGNEE, its successors, or assigns in an	d Trademark Office to issue any and all such ecordance herewith.
I warrant and covenant and assigned and that I herewith.	that I have the full and unencumbered rig have not executed and will not execute a	tht to sell and assign the interests herein sold ny document or instrument 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.		
	DECLARATIO	<u>N</u>
As a below named inve	ntor, I hereby declare that:	
The above-identified ap	plication was made or authorized to be n	nade 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: Howard	sshi Kumagai	February 5, 2016

Attorney Docket No. U.S. Rights

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

(For Use with Signed Application Data Sheet)

Title of Invention:	Construction Machine	
the application PCT Internation	claration are directed to (check one): identified above by the attorney docket it al Application Number PCT/JP2015/05 pplication No	0818, filed <u>January 14, 2015</u>
	ASSIGNMEN	<u>T</u>
	onsideration, the receipt and sufficiency have sold and assigned, and by these pr	of which are hereby acknowledged, as a esents hereby sell and assign, unto:
Name of Assignee: Address of Assignee:	Hitachi Construction Machinery Co. 5-1, Koraku 2-chome, Bunkyo-ku, To	
and to the above-identificontinuations thereof, as such application or for senjoyed by said ASSIGI	ted invention and United States patent and in and to any and all Letters Patent of aid invention, including any and all reis NEE, its successors or assigns to the full be granted as fully and entirely as woul	United States, its territories and possessions in pplication, including any and all divisions or the United States which may issue on any sues or extensions thereof, to be held and end of the term or terms for which any and all d have been held and enjoyed by me had this
	equest the Director of the U.S. Patent an SSIGNEE, its successors or assigns in ac	d Trademark Office to issue any and all such cordance herewith.
	that I have the full and unencumbered rigary not executed and will not execute a	ght to sell and assign the interests herein sold my document or instrument 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 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.		
	DECLARATIO	<u>N</u>
As a below named inver	ntor, Thereby declare that:	
The above-identified ap	plication was made or authorized to be 1	nade 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: MA	uhiko Mizoquehi	February 5, 2016

Attorney Docket No. U.S. Rights

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

(For Use with Signed Application Data Sheet)

Title of Invention:	Construction Machine		
the application is PCT Internations		docket no. and title of invention 2015/050818, filed January 14,	
	ASSIG	AMENT	¥
		ifficiency of which are hereby a these presents hereby sell and	
Name of Assignee: Address of Assignee:	Hitachi Construction Machi: 5-1, Koraku 2-chome, Bunky	nery Co., Ltd. o-ku, Tokyo 112-8563 JAPAN	V.
and to the above-identif continuations thereof, a application or for said in by said ASSIGNEE, its	ied invention and United States and in and to any and all Letters avention, including any and all successors, or assigns to the fur anted as fully and entirely as we	t for the United States, its territor patent application, including at Patent of the United States that reissues or extensions thereof, the end of the term or terms for would have been held and enjoyed.	ny and all divisions or may issue on any such o be held and enjoyed hich any and all such
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.			
		nbered right to sell and assign the execute any document or instru	
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.			
	DECLA	RATION	v
As a below named inver	ntor, I hereby declare that:		•
The above-identified ap	plication was made or authoriz	ed 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.			
	nat any willful false statement r nment of not more than five (5)	nade in this declaration is punis years, or both.	hable under 18 U.S.C.
	ad <u>Nakamura</u> NAKAMURA		February 5, 2016 DATE

U.S. Rights Attorney Docket No.

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. § 1.63 (For Use with Signed Application Data Sheet)

Title of Invention:	onstruction Machine		
the application ide	ration are directed to (check one): ntified above by the attorney docket no. an Application Number PCT/JP2015/050818, lication No, filed	filed <u>January 14, 2015</u>	
	<u>ASSIGNMENT</u>	w.	
	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:		
	itachi Construction Machinery Co., Ltd. 1, Koraku 2-chome, Bunkyo-ku, Tokyo I		
and to the above-identified continuations thereof, and such application or for said enjoyed by said ASSIGNE	all my right, title and interest for the United invention and United States patent application and to any and all Letters Patent of the Univention, including any and all reissues of E, its successors or assigns to the full end of granted as fully and entirely as would have.	ntion, including any and all divisions or United States which may issue on any or extensions thereof, to be held and of the term or terms for which any and all	
I hereby authorize and req Letters Patent to said ASS	uest the Director of the U.S. Patent and Tra IGNEE, its successors or assigns in accorda	demark Office to issue any and all such ance herewith.	
I warrant and covenant that and assigned and that I have herewith.	t I have the full and unencumbered right to we not executed and will not execute any do	sell and assign the interests herein sold becoment or instrument 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 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.			
<u>DECLARATION</u>			
As a below named inventor	r, I hereby declare that:		
	cation was made or authorized to be made		
	rinal inventor or an original joint inventor o		
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: Midel	o Islibaski	February 5, 2016	
	HIBASHI	DATE	

PATENT REEL: 037870 FRAME: 0373

RECORDED: 03/02/2016