

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3756181

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ISAMU AOKI	02/09/2016
KOJI HYODO	02/10/2016
TETSUJI TANAKA	02/09/2016
KENTARO OOMAE	02/09/2016
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:	14914372
CORRESPONDENCE DATA	
Fax Number:	(202)628-8844
<i>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.</i>	
Phone:	202-624-2500
Email:	lbuckler@crowell.com
Correspondent Name:	CROWELL & MORING LLP
Address Line 1:	1001 PENNSYLVANIA AVENUE, NW
Address Line 4:	WASHINGTON, D.C. 20004
ATTORNEY DOCKET NUMBER:	101790.68853US
NAME OF SUBMITTER:	JEFFREY D. SANOK
SIGNATURE:	/Jeffrey D. Sanok/
DATE SIGNED:	02/25/2016
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 4	
source=68853US-Assignment_Declaration#page1.tif	

source=68853US-Assignment_Declaration#page2.tif

source=68853US-Assignment_Declaration#page3.tif

source=68853US-Assignment_Declaration#page4.tif

ASSIGNMENT AND DECLARATION UNDER 37 C.F.R. 1.63
(For Use with Signed Application Data Sheet)**Title of Invention:**

This assignment and declaration are directed to (check one):

- the attached application;
 the application identified by the attorney docket no. and title of invention given above;
 United States Application or PCT International Application No. PCT/JP2015/052302, filed January 28, 2015.

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.**Address of Assignee: 5-1, Koraku 2-chome, Bunkyo-ku, Tokyo 112-8563 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: _____

Isamu AOKI

DATE

Isamu Aoki

2/9/2016

PATENT**REEL: 037829 FRAME: 0808**

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

Title of Invention:

This assignment and declaration are directed to (check one):

- the attached application;
 the application identified by the attorney docket no. and title of invention given above;
 United States Application or PCT International Application No. PCT/JP2015/052302, filed
January 28, 2015.

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.

Address of Assignee: 5-1, Koraku 2-chome, Bunkyo-ku, Tokyo 112-8563 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:

Tetsuji TANAKA

2/9/2016
DATE

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

Title of Invention:

This assignment and declaration are directed to (check one):

- the attached application;
 the application identified by the attorney docket no. and title of invention given above;
 United States Application or PCT International Application No. PCT/JP2015/052302, filed January 28, 2015.

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.

Address of Assignee: 5-1, Koraku 2-chome, Bunkyo-ku, Tokyo 112-8563 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:

Kentaro Oomae

Inventor:

Kentaro OOMAE

2/9/2016

DATE

PATENT