PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TAKAMI KUSAKI	01/29/2019
TOMOHIRO YOSHIDA	01/25/2019
MASUTAKA KUMASAKA	01/25/2019
KAZUO FUJISHIMA	01/25/2019
SATOSHI INOSE	01/25/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16328776

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	TAK-12005
NAME OF SUBMITTER:	SHRINATH MALUR
SIGNATURE:	/Shrinath Malur/
DATE SIGNED:	02/27/2019
·	

Total Attachments: 3

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ASSIGNMENT

As a below named inventor, I hereby declare that: IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me, a citizen of Japan, by Hitachi Construction Machinery Co., Ltd. (hereinafter referred to as ASSIGNEE), a corporation organized under the laws of Japan, located at 16-1, Higashiueno 2-chome, Taito-ku, Tokyo 110-0015, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said ASSIGNEE, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to application serial no. , filed , and entitled: INSPECTION SUPPORT SYSTEM FOR CONSTRUCTION MACHINE, MANAGEMENT SERVER, AND INSPECTION REPORT CREATION SYSTEM invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, said interest being the entire ownership of said Letters Patent when granted, to be held and enjoyed by said ASSIGNEE, its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made; And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee; Whereby, I hereby grant the law firm of MATTINGLY & MALUR, P.C., the power to insert on this assignment any further identification which 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, including inserting the application serial number and filing date when And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said ASSIGNEE. Signed on the date(s) indicated aside signatures: INVENTOR Date Signed 1/29 /2019 Tomohiro YOSHIDA Masutaka KUMASAKA Kazuo FUJISHIMA

Satoshi INOSE

ASSIGNMENT

As a below named inventor, I hereby declare that: IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me, a citizen of Japan, by Hitachi Construction Machinery Co., Ltd. (hereinafter referred to as ASSIGNEE), a corporation organized under the laws of Japan, located at 16-1. Higashiueno 2-chome, Taito-ku, Tokyo 110-0015. Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said ASSIGNEE, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to application serial no. _____, and entitled: , filed INSPECTION SUPPORT SYSTEM FOR CONSTRUCTION MACHINE, MANAGEMENT SERVER, AND INSPECTION REPORT CREATION SYSTEM invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, said interest being the entire ownership of said Letters Patent when granted, to be held and enjoyed by said ASSIGNEE, its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made; And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee; Whereby, I hereby grant the law firm of MATTINGLY & MALUR, P.C., the power to insert on this assignment any further identification which 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, including inserting the application serial number and filing date when And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said ASSIGNEE. Signed on the date(s) indicated aside signatures: INVENTOR Date Signed 1) Takami KUSAKI Tomohiro Jeshida 1/25/2019 Tomohiro YOSHIDA 3) masutaka kumasaka 1/25/2019

5) = 1/25/2019
Satrahithiost

Masutaka KUMASAKA

Kazuo FUJISHIMA

ASSIGNMENT

As a below named inventor, I hereby declare that: IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me, a citizen of <u>Japan</u>, by <u>Hitachi Construction Machinery Co., Ltd.</u> (hereinafter referred to as ASSIGNEE), a corporation organized under the laws of <u>Japan</u>, located at <u>16-1</u>, <u>Higashiueno 2-chome, Taito-ku, Tokyo 110-0015</u>, <u>Japan</u>, receipt of which is hereby acknowledged I do hereby sell and assign to said ASSIGNEE, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to application serial no. _____, and entitled: INSPECTION SUPPORT SYSTEM FOR CONSTRUCTION MACHINE, MANAGEMENT SERVER, AND INSPECTION REPORT CREATION SYSTEM invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, said interest being the entire ownership of said Letters Patent when granted, to be held and enjoyed by said ASSIGNEE, its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made; And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee; Whereby, I hereby grant the law firm of MATTINGLY & MALUR, P.C., the power to insert on this assignment any further identification which 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, including inserting the application serial number and filing date when And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said ASSIGNEE. Signed on the date(s) indicated aside signatures: INVENTOR. Date Signed 1) Takami KUSAKI Tomohiro YOSHIDA Masutaka KUMASAKA ahima 1/25/2019 Kazuo FUJISHIMA

> PATENT REEL: 048450 FRAME: 0632

RECORDED: 02/27/2019

Satoshi INOSE