504529207 08/31/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROAKI AMANO	07/28/2017
KOUJI ISHIKAWA	07/31/2017
SHINYA IMURA	07/28/2017
HIDEKAZU MORIKI	07/31/2017
RYOHEI YAMASHITA	07/28/2017
SEIJI HIJIKATA	07/21/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15554882

CORRESPONDENCE DATA

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CROWELL & MORING LLP INTELLECTUAL PROPER Correspondent Name:

Address Line 1: P.O. BOX 14300

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

ATTORNEY DOCKET NUMBER:	110558.PA359US
NAME OF SUBMITTER:	JEFFREY D. SANOK
SIGNATURE:	/Jeffrey D. Sanok/
DATE SIGNED:	08/31/2017

Total Attachments: 2

PATENT REEL: 043466 FRAME: 0140

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PATENT REEL: 043466 FRAME: 0141

ASSIGNMENT

(譲渡証)

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 citizen of Japan by HITACHI CONSTRUCTION MACHINERY CO., LTD., 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 HITACHI CONSTRUCTION MACHINERY CO., LTD.,

its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

HYDRAULIC DRIVE SYSTEM OF WORK MACHINE

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; the said interest being the entire ownership of the said Letters Patent when granted,

to be held and enjoyed by said HITACHI CONSTRUCTION MACHINERY CO., LTD.,

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 preceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI CONSTRUCTION MACHINERY CO., LTD.

Signed on the date(s) indicated aside our signatures:

	INVENTOR(S) (発明者フルネームサイン)	1	D ate Signed (署名日)
1)_	Hroaki amano	Hiroaki AMANO	7/28/2017
2)_	Houji Ishihawa	Kouji ISHIKAWA	7/31/2017
3)_	Shinga Dmura	Shinya IMURA	7/28/2017
	Hidekagu Mariki	Hidekazu MORIKI	1/31/2017
	Ryphei Yamashita	Ryohei YAMASHITA	7/28/2017
6)_		Seiji HIJIKATA	
7)			
8)_			
9)			
10)			

PATENT REEL: 043466 FRAME: 0142

ASSIGNMENT (譲渡証)

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 citizen of Japan by HITACHI CONSTRUCTION MACHINERY CO., LTD., 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

HITACHI CONSTRUCTION MACHINERY CO., LTD.,

its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

HYDRAULIC DRIVE SYSTEM OF WORK MACHINE

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, the said interest being the entire ownership of the said Letters Patent when granted,

to be held and enjoyed by said HITACHI CONSTRUCTION MACHINERY CO., LTD.,

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 preceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI CONSTRUCTION MACHINERY CO., LTD.

Signed on the date(s) indicated aside our signatures:

	INVENTOR(S) (発明者フルネームサイン)		Date Signed (署名日)
1)		Hiroaki AMANO	
2)		Kouji ISHIKAWA	
3)		Shinya IMURA	
4)		Hidekazu MORIKI	
5)		Ryohei YAMASHITA	
6)	Seiji Idijikata	Seiji HIJIKATA	7/21 /2017
7)			
8)			
9)			
10)		·	

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RECORDED: 08/31/2017