507799000 03/15/2023 PATENT ASSIGNMENT COVER SHEET

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UBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ			
		Name	Execution Date	
TEPPEI SAITOH			01/24/2023	
KOUJI FUJITA			01/25/2023	
HIDEAKI ITOU			01/25/2023	
HIDEFUMI ISHIMOTO			01/30/2023	
RYU NARIKAWA			01/25/2023	
TADASHI NISHIZAWA			01/24/2023	
RECEIVING PARTY DA	ТА			
Name: HITACHI CONSTRUCTION MACHINERY CO., LTD.				
Street Address:	16-1, HIGASHIUENO 2-CHOME			
	TAITO-KU, TOKYO			
City:	TAITO	D-KU, TOKYO		
City: State/Country:	JAPAN	,		
-		N		
State/Country:	JAPAN 110-00	N 015		
State/Country: Postal Code:	JAPAN 110-00	N 015		
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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 111-0015 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

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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 seld 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 litle thereto in said assignee;

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

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

	INVENTOR (発明者フルネーム		Date Signed (署名日)	
1)	/Teppei Saitoh/	Teppei SAITOH	January 24, 2023	
2)_		Kouji FUJITA		
3)		Hideaki ITOU		
4)		Hidefumi ISHIMOTO		
5}	/Ryu Narikawa/	Ryu NARIKAWA	January 25, 2023	
6)	/Tadashi Nishizawa/	Tadashi NISHIZAWA	January 24, 2023	
7)		<u> </u>		
8)	· · · · · ·			
9)				

PATENT REEL: 062983 FRAME: 0697

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 111-0015 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

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invented by meil (if only one is named below) or usi (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 sald 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)

PATENT REEL: 062983 FRAME: 0698

Date Signed

(翠么白)

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 111-0015 Japan receipt of which is hereby acknowledged I do hereby sell and assign to seid HITACHI CONSTRUCTION MACHINERY CO., ETD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

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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 extansions 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:

	(近列目ンパイースタイン)	(管理中)	
1)	Teppei SAITOH		
2)	Kouji FUJITA		
3)	Hidəaki ITOU	· · · · · · · · · · · · · · · · · · ·	
4)	Hidefum Int Hidefumi ISHIMOTO	1/30/2023	
5)_	Ryu NARIKAWA		
6)_	Tadashi NISHIZAWA		
7)_			
8)		·	
9)_			

INVENTOR(S) (発用者にルネートせくい)

> PATENT REEL: 062983 FRAME: 0699

Date Signed

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RECORDED: 03/15/2023