

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT8159437

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	SOICHI WATANABE	07/12/2023
	MIHO KOBAYASHI	08/03/2023
	MITSUO HAYASAKA	07/11/2023
RECEIVING PARTY DATA		
Name:	HITACHI, LTD.	
Street Address:	6-6, MARUNOUCHI 1-CHOME	
Internal Address:	CHIYODA-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	100-8280	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	18464398	
CORRESPONDENCE DATA		
Fax Number:	(215)568-6499	
<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:	2155686400	
Email:	lgivigliano@vklaw.com, japan@vklaw.com	
Correspondent Name:	VOLPE KOENIG	
Address Line 1:	30 SOUTH 17TH STREET, 18TH FLOOR	
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103	
ATTORNEY DOCKET NUMBER:	HITACHI4-342201045US01	
NAME OF SUBMITTER:	GERALD B. HALT, JR.	
SIGNATURE:	/GERALD B. HALT, JR./	
DATE SIGNED:	09/11/2023	
Total Attachments: 3		
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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 by Hitachi, Ltd., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, JAPAN receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, 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 said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi, 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 proceedings, 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, 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)	_/Soichi WATANABE/	Soichi WATANABE	July 12, 2023
2)		Miho KOBAYASHI	
3)		Mitsuo HAYASAKA	
4)			
5)			
6)			
7)			
8)			

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INVENTOR(S)
(発明者フルネームサイン)

DATE SIGNED
(署名日)

1) _____ Soichi WATANABE

2) Miho Kobayashi _____ Miho KOBAYASHI

3) _____ Mitsuo HAYASAKA

4) _____

5) _____

6) _____

7) _____

8) _____

Aug 3, 2023

ASSIGNMENT (譲渡証)

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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) _____ Soichi WATANABE	_____
2) _____ Miho KOBAYASHI	_____
3) /Mitsuo Hayasaka/ _____ Mitsuo HAYASAKA	July 11, 2023
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____