#### 506492274 02/08/2021

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YOSHIHARU KIMURA	11/27/2020
SHIGETAKA TSUBOUCHI	11/27/2020
KOTA OTAKE	11/26/2020
MASAHIRO KAWASAKI	11/26/2020

#### **RECEIVING PARTY DATA**

Name:	HITACHI, LTD.
Street Address:	6-6, MARUNOUCHI 1-CHOME
City:	CHIYODA-KU, TOKYO
State/Country:	JAPAN

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17169802

#### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	094434-0129
NAME OF SUBMITTER:	NAOMI GREEN
SIGNATURE:	/Naomi Green/
DATE SIGNED:	02/08/2021

#### **Total Attachments: 4**

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> **PATENT** REEL: 055179 FRAME: 0101 506492274

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PATENT REEL: 055179 FRAME: 0102

#### 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 signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)	AFF MONTON	27 November 2020
: 2)	Shigetaka TSURQUCHI	

PATENT REEL: 055179 FRAME: 0103

### **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 signatures:

INVENTOR(S)
(発明者フルネームサイン)

Tyoshiharu KIMURA

Date Signed (署名日)
(署名日)

Voshiharu KIMURA

November 27, 2020

-1-

## INVENTOR(S)

(発明者フルネームサイン)

Date Signed (署名日)

3)	ていり 保か	November 26, 2020
38	Kota OTAKE	
4)		
	Masahiro KAWASAKI	

## INVENTOR(S) (発明者フルネームサイン)

Date Signed (署名目)

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	n 26 , 202

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PATENT REEL: 055179 FRAME: 0106

**RECORDED: 02/08/2021**