503765419 04/01/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3812066

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA	I			
		Name	Execution Date		
KOTARO NOMURA			03/15/2016		
KUNIHITO KAWAMUF	RA		03/14/2016		
MASAYOSHI MUROF	USHI		03/15/2016		
KAZUHITO SEKIBA			03/15/2016		
SHUNTARO INOUE			03/15/2016		
RECEIVING PARTY D	ΑΤΑ				
Name:	HITAC	HITACHI APPLIANCES, INC.			
Street Address:	15-12,	15-12, NISHI SHIMBASHI 2-CHOME			
Internal Address:	MINAT	MINATO-KU			
City:	ΤΟΚΥ	ΤΟΚΥΟ			
State/Country:	JAPAN	JAPAN			
PROPERTY NUMBER			_		
Property Type	9	Number	_		
Application Number:		29556031			
CORRESPONDENCE DATA Fax Number: (215)		(215)568-6499			
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent					
-	f provideo	d; if that is unsuccessful, it will be s	ent via US Mail.		
Phone:		215-568-6400			
Email:		mschon@vklaw.com			
Correspondent Name):	VOLPE AND KOENIG, P.C.			
Address Line 1:					
Address Line 2: Address Line 4:		30 SOUTH 17TH STREET, 18TH FLC PHILADELPHIA, PENNSYLVANIA 19			
		·			
ATTORNEY DOCKET NUMBER:		HITACHI11-231550093US01D	HITACHI11-231550093US01D		
NAME OF SUBMITTER:		RANDOLPH J. HUIS	RANDOLPH J. HUIS		
SIGNATURE:		/Randolph J. Huis/	/Randolph J. Huis/		
DATE SIGNED:		04/01/2016			
Total Attachments: 3					

source=231550093US01D_Assignment_EFS#page1.tif source=231550093US01D_Assignment_EFS#page2.tif source=231550093US01D_Assignment_EFS#page3.tif

ASSIGNMENT

22

(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 Appliances, Inc., a corporation organized under the laws of Japan, located at 15-12, Nishi Shimbashi 2-chome, Minato-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Appliances, Inc., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

OUTDOOR UNIT FOR AIR CONDITIONER

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 Appliances, Inc., 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; **Hitachi Appliances, Inc.**,

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said

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

INVENTOR(S) (発明者フルネームサイン)

1)	Kotaro NOMURA
• /	Rotaro Romona

- 2) Kunihito KAWAMURA
- 3) Masayoshi MUROFUSHI
- 4) Kazuhito SEKIBA
- 5) Shuntaro INOUE

DATE SIGNED (署名日)

March 15 2016

1/1

PATENT REEL: 038173 FRAME: 0173

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 Appliances**, Inc., a corporation organized under the laws of **Japan**, **Iocated at 15-12**, **Nishi Shimbashi 2-chome**, **Minato-ku**, **Tokyo**, **Japan**, receipt of which is hereby acknowledged I do hereby sell and assign to said **Hitachi Appliances**, Inc., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

OUTDOOR UNIT FOR AIR CONDITIONER

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 Appliances**, **Inc.**, 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; **Hitachi Appliances, Inc.**,

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said

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)	Kotaro NOMURA		
	Konihito Kowomura		
2)	Kunihito KAWAMURA		

- 3) Masayoshi MUROFUSHI
- 4) Kazuhito SEKIBA

5) _____Shuntaro INOUE

March 14, 2016

1/1

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 Appliances, Inc., a corporation organized under the laws of Japan, located at 15-12, Nishi Shimbashi 2-chome, Minato-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi Appliances, Inc., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

OUTDOOR UNIT FOR AIR CONDITIONER

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 Appliances, Inc., 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; Hitachi Appliances, Inc.,

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said

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

INVENTOR(S) (発明者フルネームサイン)

Kotaro NOMURA

2)	Kunihito KAWAMURA
	Mundshi Monostoshi.
3)	Mundshi Masayoshi - Masayoshi MUROFUSHI
	Kazuhito Sekiba Kazuhito SEKIBA
4)	Kazuhito SEKIBA
	Shuntara Inone
5)	Shuntaro INOUE

(署名日)

DATE SIGNED

March . 15. 2016 March , 15. 2016 March , 15, 2016

1/1

PATENT REEL: 038173 FRAME: 0175

RECORDED: 04/01/2016

1)_