506051885 05/08/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6098599

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
HIROSHI YOSHITAKE	12/09/2019
RYOTA KAMOSHIDA	12/09/2019
YOSHIKAZU NAGASHIMA	12/10/2019
MASAHARU KONDOU	12/18/2019

RECEIVING PARTY DATA

Name: HITACHI INDUSTRIAL PRODUCTS, LTD.	
Street Address: 3, KANDA NERIBEICHO	
Internal Address:	CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16783957

CORRESPONDENCE DATA

Fax Number: (215)568-6499

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.

Phone: 2155686400

Email: Igivigliano@vklaw.com

Correspondent Name: VOLPE AND KOENIG P.C.

Address Line 1: 30 SOUTH 17TH STREET

Address Line 2: SUITE 1800

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19103

ATTORNEY DOCKET NUMBER:	HITACHI3-341801099US01
NAME OF SUBMITTER:	GERALD B. HALT, JR.
SIGNATURE:	/Gerald B. Halt, Jr./
DATE SIGNED:	05/08/2020

Total Attachments: 4

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PATENT 506051885 REEL: 052613 FRAME: 0421

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PATENT REEL: 052613 FRAME: 0422

(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 Industrial Products, Ltd., a corporation organized under the laws of Japan,

located at 3, Kanda Neribeicho, Chiyoda-ku, Tokyo, Japan,

receipt of which is hereby acknowledged I do hereby sell and assign to said. Hitachi Industrial Products, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

ARTICLE CONVEYANCE SYSTEM AND ARTICLE CONVEYANCE METHOD

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 Industrial Products, 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 Industrial Products, Ltd.,

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

INVENTOR/S)

	(発明者フルネームサイン)	(署名目)		
1)	Hivoshi Yoshitake Hiroshi YOSHITAKE	12/9/2019		
5)	Ryota KAMOSHIDA			
3)	Yoshikazu NAGASHIMA			
4)	Masaharu KONDOU			
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8)				
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PATENT REEL: 052613 FRAME: 0423

Data Signad

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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)

, Ryota Kan		
) Doca von	nashida Ryota KA	MOSHIDA 12/9/20/9
) 	Yoshikazu N	AGASHIMA
)	Masahar	s KONDOU
}		
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PATENT REEL: 052613 FRAME: 0424

(譲渡証)

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1)	Hiroshi YOSHITAK		
2)	Ryota KAMOSHIDA		
3)	Yoshikazu Nagashima Yoshikazu NAGASHIN	A 12/10/2019	
4)	Masaharu KONDO	}	
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PATENT REEL: 052613 FRAME: 0425

(譲渡証)

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INVENTORIS

	INVENTOR(S) (発明者フルネームサイン)			Date Signed (署名日)	
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3)			Yoshikazu NAGASHIMA		
4)	Masakaru	Kondou	Maseharu KONDOU	12/18/2019	
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PATENT REEL: 052613 FRAME: 0426

RECORDED: 05/08/2020