505146494 10/17/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

EPAS ID: PAT5193260

SUBINISSION TYPE:	INEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROTAKA KAMEYA	09/11/2018
HIDEHARU TANAKA	09/21/2018
MASAHIKO TAKANO	09/19/2018
TAKESHI TSUCHIYA	09/13/2018

RECEIVING PARTY DATA

Name:	HITACHI INDUSTRIAL EQUIPMENT SYSTEMS CO., LTD.
Street Address:	3, KANDA NERIBEI-CHO
City:	CHIYODA-KU, TOKYO
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16094136

CORRESPONDENCE DATA

Fax Number: (202)628-8844

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: 2026242500

Email: edocket@crowell.com, jburger@crowell.com

Correspondent Name: CROWELL & MORING LLP

Address Line 1: PO BOX 14300

Address Line 4: WASHINGTON, D.C. 20044

ATTORNEY DOCKET NUMBER:	110900.PB632US
NAME OF SUBMITTER:	MICHAEL H. JACOBS
SIGNATURE:	/Michael H. Jacobs/
DATE SIGNED:	10/17/2018

Total Attachments: 4

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PATENT 505146494 REEL: 047201 FRAME: 0159

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 Industrial Equipment Systems Co., Ltd. a corporation organized under the laws of Japan.

located at 3, Kanda Neribei-cho, Chiyoda-ku, Tokyo, Japan

receipt of which is hereby acknowledged I do hereby sell and assign to said

Hitachi Industrial Equipment Systems Co., Ltd

its successor and assigns, all my right, title and interest, in and for the United States of America, in and to

OIL-COOLED SCREW COMPRESSOR

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 data 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 Equipment Systems Co., Ltd.

its successor, 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. confinuation-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 Equipment Systems Co., Ltd.

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

INVENTOR(S)

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (滲名日)
1) <i>H</i>	rotaka Kameya Hirotaka KAMEYA	09/11/20/8
2)	Hideharu TANAKA	
3)	Masahiko TAKANO	
4)	Takeshi TSUCHIYA	

(譲渡証)

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INVENTOR(S)	
(発明者フルネームサイ	ン

Date Signed (署名日)

1)	Hirotaka KAM	EYA
2) <u>A Ja</u>	nabe Hideharu TAN	Sep. 21, 2018
3)	Masahiko TAK	ANO
4)	Takeshi TSUCI	AYA

(譲渡証)

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INVENTOR(S)

(発明者フルネームサイン)

1) Hirotaka KAMEYA

2) Hideharu TANAKA

3) Masahiko Jakano Masahiko TAKANO September 19 2018

Takeshi TSUCHIYA

Date Signed

(署名目)

(譲渡証)

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2)	Hideharu TANAKA	
3)	Masahiko TAKANO	
4) Jakosh	i Jauchiya Takeshi TSUCHIYA	09/13/2018

PATENT REEL: 047201 FRAME: 0163

RECORDED: 10/17/2018