504840954 03/28/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IHI CORPORATION	03/12/2018

RECEIVING PARTY DATA

Name:	IHI ROTATING MACHINERY ENGINEERING CO., LTD.	
Street Address:	1-1, TOYOSU 3-CHOME, KOTO-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	135-8710	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14244669

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	BRIDGET D BURKE
SIGNATURE:	/bdburke/
DATE SIGNED:	03/28/2018

Total Attachments: 1

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PATENT 504840954 REEL: 045749 FRAME: 0304

ASSIGNMENT

By assignment recorded in the United States Patent and Trademark Office on Reel 032598, Frame 0932, IHI CORPORATION (hereinafter referred to as "ASSIGNOR"), a company organized and existing under the laws of Japan, is owner of all right, title, and interest in United States Patent Application Serial No. 14/244,669, filed on April 3, 2014 and entitled CENTRIFUGAL COMPRESSOR APPARATUS AND METHOD FOR PREVENTING SURGE THEREIN.

In consideration of One Dollar and other good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR does hereby sell and assign to IHI Rotating Machinery Engineering Co., Ltd., a company organized and existing under the laws of Japan, with a primary place of business at:

1-1, TOYOSU 3-CHOME, KOTO-KU, TOKYO 135-8710 JAPAN

it successors, and assigns, the entire right, title, and interest in the aforesaid Patent Application Serial No. 14/244,669 and the invention described and claimed in it to be held and enjoyed by IHI Rotating Machinery Engineering Co., Ltd. as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this assignment and sale had not been made.

IN WITNESS WHEREOF, ASSIGNOR has caused this agreement to be executed and duly scaled by its duly authorized representative.

> rhderari Bebe by Hidenari BABA

General Manager of Intellectual Property Department Title: at IHI Corporation

Date: March 12, 2018

January 2004