

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4334097

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	HITACHI APPLIANCES, INC.	12/14/2016
	TOKYO ELECTRIC POWER COMPANY HOLDINGS, INCORPORATED	12/14/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	JOHNSON CONTROLS-HITACHI AIR CONDITIONING TECHNOLOGY (HONG KONG) LIMITED	
<b>Street Address:</b>	12/F OCTA TOWER, 8 LAM CHAK ST	
<b>City:</b>	KOWLOON BAY KLN	
<b>State/Country:</b>	HONG KONG	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Patent Number:	7438539
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(202)628-8844	
<i>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.</i>		
<b>Phone:</b>	202-624-2500	
<b>Email:</b>	afield@crowell.com	
<b>Correspondent Name:</b>	CROWELL & MORING LLP	
<b>Address Line 1:</b>	P.O. BOX 14300	
<b>Address Line 4:</b>	WASHINGTON, D.C. 20044-4300	
<b>ATTORNEY DOCKET NUMBER:</b>	108256.05026US	
<b>NAME OF SUBMITTER:</b>	MICHAEL H. JACOBS	
<b>SIGNATURE:</b>	/Michael H. Jacobs/	
<b>DATE SIGNED:</b>	03/23/2017	
<b>Total Attachments: 1</b>		
source=05026_assign#page1.tif		

ASSIGNMENT

***Hitachi Appliances, Inc. and Tokyo Electric Power Company Holdings, Incorporated*** (hereinafter referred to as "Assignors") are the owners of record of U.S. Patent No. 7,438,539, issued **October 21, 2008** and entitled ***Hermetic Type Scroll Compressor and Refrigerating and Air-Conditioning Apparatus***, by virtue of assignments recorded in the U.S. Patent and Trademark Office; and

WHEREAS, ***Johnson Controls-Hitachi Air Conditioning Technology (Hong Kong) Limited*** (hereinafter referred to as "Assignee"), of **12/F Octa Tower, 8 Lam Chak St, Kowloon Bay KLN, HONG KONG, CHINA**, is desirous of acquiring the entire right, title, and interest in and to the application and invention, and in and to any Letters Patent issuing therefrom;

NOW, THEREFOR, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignors, as legal and beneficial owners, do hereby sell and assign to Assignee, its successors and assigns, the entire right, title, and interest in and to said application and invention, and in and to any said Letters Patent, and all the rights, powers, liberties, and immunities conferred on the Assignors by the grant of the Patent, including rights to sue for damages and other remedies in respect of any infringement of the Patent, which may have occurred prior to the date hereof, and the right to recover for all past infringement; and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and the Assignors hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said inventions, or patents resulting therefrom, insofar as their interest is concerned, to the Assignee.

IN WITNESS WHEREOF, Assignors have caused this Assignment to be duly executed by their authorized representatives on the date(s) set forth below.

**HITACHI APPLIANCES, INC.**

**TOKYO ELECTRIC POWER COMPANY  
HOLDINGS, INCORPORATED**

By: 深水祥光

By: Noboru Fujiwara

Printed Name: Yoshiteru FUKAMIZU

Printed Name: Noboru FUJIWARA

Title: General Manager  
Corporate Planning Office  
(Authorized Signing Officer)

Title: General Manager  
Intellectual Property Office  
TEPCO Research Institute

Date: December 14, 2016

Date: December 14, 2016