## 502742946 03/27/2014

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
NAOTO TOMIOKA	11/02/2012
TAKEHIRO KANAYAMA	11/13/2012

### **RECEIVING PARTY DATA**

Name:	DAIKIN INDUSTRIES, LTD.
Street Address:	UMEDA CENTER BUILDING 4-12
Internal Address:	NAKAZAKI-NISHI 2-CHOME, KITA-KU
City:	OSAKA-SHI, OSAKA
State/Country:	JAPAN
Postal Code:	530-8323

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14348047

### **CORRESPONDENCE DATA**

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NAME OF SUBMITTER:	PATRICK A. HILSMIER
SIGNATURE:	/Patrick A. Hilsmier/
DATE SIGNED:	03/27/2014

**Total Attachments: 2** 

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PATENT 502742946 REEL: 032546 FRAME: 0567

Attorney Docket No	*
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### ASSIGNMENT

indicated below; and	COMPRESSOR  or which the undersigned has (have):  (a) filed an application for Letters Patent of the United States of America on having Serial No; or  (b) executed an application for Letters Patent of the United States of America on the date(s) indicated below; and  WHEREAS,	WHERE	AS, Naoto TOMIOKA, Takehiro KANAYAMA and Hiroki KAMIISHIDA (1	nereinafter
COMPRESSOR  for which the undersigned has (have):  (a) filed an application for Letters Patent of the United States of America on having Serial No; or  (b) executed an application for Letters Patent of the United States of America on the date(s indicated below; and	COMPRESSOR  or which the undersigned has (have):  (a) filed an application for Letters Patent of the United States of America on having Serial No; or  (b) executed an application for Letters Patent of the United States of America on the date(s) indicated below; and  WHEREAS,	designated	ed as the undersigned) has (have) invented certain new and useful improvement	ents in
(a) filed an application for Letters Patent of the United States of America on having Serial No.  (b) executed an application for Letters Patent of the United States of America on the date(s indicated below; and	(a) filed an application for Letters Patent of the United States of America on having Serial No; or; or			
having Serial No; or  (b) executed an application for Letters Patent of the United States of America on the date(s indicated below; and	(b) executed an application for Letters Patent of the United States of America on the date(s) indicated below; and  WHEREAS, DAIKIN INDUSTRIES, LTD of  Imeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323, apan its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is	for which the	the undersigned has (have);	
having Serial No; or  (b) executed an application for Letters Patent of the United States of America on the date(s indicated below; and	(b) executed an application for Letters Patent of the United States of America on the date(s) indicated below; and  WHEREAS, DAIKIN INDUSTRIES, LTD of  Imeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323, apan its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is			
having Serial No; or  (b) executed an application for Letters Patent of the United States of America on the date(s indicated below; and	(b) executed an application for Letters Patent of the United States of America on the date(s) indicated below; and  WHEREAS, DAIKIN INDUSTRIES, LTD of  Imeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323, apan its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is	(a)	filed an application for Letters Patent of the United States of America on	
(b) executed an application for Letters Patent of the United States of America on the date(s indicated below; and	(b) executed an application for Letters Patent of the United States of America on the date(s) indicated below; and  WHEREAS,Of    Make	` ′	4	: or
indicated below; and	WHEREAS, DAIKIN INDUSTRIES, LTD. of Of Office Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323, apan its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is			
indicated below; and	WHEREAS, DAIKIN INDUSTRIES, LTD. of Of Office Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323, apan its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is	(b)	executed an application for Letters Patent of the United States of America	ca on the date(s)
•	WHEREAS, DAIKIN INDUSTRIES, LTD. of	(-)		in our and date(s)
	meda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323, apan its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is		and the date of the same	
WHEREAS, DAIKIN INDUSTRIES, LTD. of	apan its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is	W	THEREAS, DAIKIN INDUSTRIES, LTD.	of
Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323,	apan its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is	Umeda Ce	enter Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka	ı 530-8323,
	sources of accounting the cutto tight, into any modest in and to said invention and in and to any policies.	Japan its h	variet connected toler relief relief and min mention interior month include the	the Assignee, is
desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters	atent(s) that may be granted therefor in the United States of America;		f acquiring the entire right, title and interest in and to said invention and in ar	

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

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The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

This Assignment has been executed by the undersigned on the date(s) indicated.

Date: November 2, 20/2, 属冈直人

Date: November 13, 2012 , 金山 水弘

Date: November 2,2012, 上石田乱毅

Hiroki KAMIISHIDA

**PATENT** REEL: 032546 FRAME: 0569

RECORDED: 03/27/2014