502844016 06/09/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2890613

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Masanori TAKAHASHI	05/29/2014
Yasuo ONITAKE	05/29/2014
Yoshinori HARA	05/29/2014

RECEIVING PARTY DATA

Name:	Kawasaki Jukogyo Kabushiki Kaisha		
Street Address:	1-1, Higashikawasaki-cho 3-chome		
Internal Address:	Chuo-ku		
City:	Kobe-shi, Hyogo		
State/Country:	Japan		
Postal Code:	650-8670		

PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	14364051		

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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: 703-836-6400

Email: email@oliff.com **Correspondent Name:** JAMES A. OLIFF

OLIFF PLC Address Line 1:

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	161805		
NAME OF SUBMITTER:	CAMERON ROGERS		
SIGNATURE:	/CAMERON ROGERS/ FOR JAMES A. OLIFF		
DATE SIGNED:	06/09/2014		

Total Attachments: 2

source=161805 DecAssign#page1.tif source=161805_DecAssign#page2.tif

> **PATENT REEL: 033060 FRAME: 0756** 502844016

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

	Insert	(1)	Masanori TAKAHASHI	(2)	Yasuo ONITAKE
(1-8)	Legal Name(s)	(3)	Yoshinori HARA	(4)	
	of Inventor(s)	(5)		(6)	
		(7)		(8)	
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to			
(9)	Insert Name of Assignee	(9)	(9) KAWASAKI JUKOGYO KABUSHIKI KAISHA		
(18)	Insert Address of Assignee	(01)	(10) 1-1, Higashikawasaki-cho 3-chome, Chuo-ku, Kobe-shi, Hyogo 650-8670 Japan		
		the en invent contin	tire right, title and interest fo ion, and in all applications fo	r the United States of or patent including an ate and reissue applic	heirs, successors, assigns and legal representatives, America as defined in 35 U.S.C. §100, in the y and all provisional, non-previsional, divisional, ation(s), and all Letters Patent, extensions, reissues e invention known as
(11)	Insert Identification such as Title, Case	(11)	AIR CONDITIONER AN	ID RAILÇAR	
	Number, or Foreign Application Number	(Attor	ney Docket No. 161805)	, filed on even date herewith or as
(12)	Alternative	(12)	U.S. Application Number	14/364	,051
	Identification for filed applications	filed	JUNE 9,	2014	

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with
- claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each underzigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assigner.

 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents
- resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assigner and Assigner's heirs, successors, assigns and legal representatives.
- 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR \$1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date May 29, 2014 Inventor Signature Masanori TAKAHASHI (SEAL)

Date May 29, 2014 Inventor Signature Yasaa CWITAKE (SEAL)

Date May 29, 2014 Inventor Signature Yoshinovi HARA (SEAL)