

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5366840

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KAZUYA MATSUMOTO	01/23/2019
MITSUTOSHI JIKEI	01/23/2019
SUMITO YAMAKAWA	01/23/2019
TADATAKE SAKURADA	01/23/2019
FUMIHIRO KAMIYA	09/01/2017
TSUYOSHI NOGUCHI	09/11/2017

RECEIVING PARTY DATA

Name:	AKITA UNIVERSITY
Street Address:	1-1, TEGATA GAKUEN-MACHI
City:	AKITA-SHI, AKITA
State/Country:	JAPAN
Postal Code:	0108502
Name:	DAIKIN INDUSTRIES, LTD.
Street Address:	UMEDA CENTER BUILDING, 4-12, 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:	16324186

CORRESPONDENCE DATA

Fax Number: (202)293-7068

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: 202-293-7060

Email: sughrue@sughrue.com, bgalvez@sughrue.com

Correspondent Name: SUGHRUE MION, PLLC

Address Line 1: 2100 PENNSYLVANIA AVENUE, N.W.

Address Line 2: SUITE 800

Address Line 4: WASHINGTON, D.C. 20037

PATENT

ATTORNEY DOCKET NUMBER:	Q244528
NAME OF SUBMITTER:	BYRON F. GALVEZ
SIGNATURE:	/Byron Galvez/
DATE SIGNED:	02/08/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 6 source=Q244528AssignmentwithDeclarationexecutedasfiled#page1.tif source=Q244528AssignmentwithDeclarationexecutedasfiled#page2.tif source=Q244528AssignmentwithDeclarationexecutedasfiled#page3.tif source=Q244528AssignmentwithDeclarationexecutedasfiled#page4.tif source=Q244528AssignmentwithDeclarationexecutedasfiled#page5.tif source=Q244528AssignmentwithDeclarationexecutedasfiled#page6.tif	

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, AKITA UNIVERSITY of 1-1, Tegata Gakuen-Machi, Akita-shi, Akita 0108502 JAPAN; DAIKIN INDUSTRIES, LTD. of Umeda Center Building, 4-12, Nakazaki-Nishi 2-Chome, Kita-ku, Osaka-Shi, Osaka 530-8323 JAPAN, (assignees), desire to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

As the below named inventor, I hereby declare that:

This assignment with declaration is directed to: The attached application, or
 United States Application or PCT International Application Number PCT/JP2017/028820 filed on August 8, 2017 (Confirmation No. _____).

The application is entitled:

COMPOSITION AND MOLDED ARTICLE

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

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I 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 assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

Authorization To Permit Access To Application by Participating Office

If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified application is filed to have access to the application.

In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the application-as-filed with respect to: 1) the above-identified patent application-as-filed, 2) any foreign application to which the above-identified application claims priority under 35 USC 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application, and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application.

In accordance with 37 CFR 1.14(c), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Office.

NAME OF SOLE OR FIRST INVENTOR:	
Given Name (first and middle [if any]) Kazuya	Family Name or Surname MATSUMOTO
Inventor's signature <i>Kazuya Matsumoto</i>	Date JAN. 23, 2019
Residence: Akita-shi, Akita, JAPAN	
Mailing Address: c/o AKITA UNIVERSITY, 1-1, Tegata Gakuen-Machi, Akita-shi, Akita, 0108502, JAPAN	
NAME OF SECOND INVENTOR:	
Given Name (first and middle [if any]) Mitsutoshi	Family Name or Surname JIKEI
Inventor's signature <i>Mitsutoshi Jikei</i>	Date JAN. 23, 2019
Residence: Akita-shi, Akita, JAPAN	
Mailing Address: c/o AKITA UNIVERSITY, 1-1, Tegata Gakuen-Machi, Akita-shi, Akita, 0108502, JAPAN	
NAME OF THIRD INVENTOR:	
Given Name (first and middle [if any]) Sumito	Family Name or Surname YAMAKAWA
Inventor's signature <i>Sumito Yamakawa</i>	Date JAN. 23, 2019
Residence: Akita-shi, Akita, JAPAN	
Mailing Address: c/o AKITA UNIVERSITY, 1-1, Tegata Gakuen-Machi, Akita-shi, Akita, 0108502, JAPAN	
NAME OF FOURTH INVENTOR:	
Given Name (first and middle [if any]) Tadataka	Family Name or Surname SAKURADA
Inventor's signature <i>Tadataka Sakurada</i>	Date JAN. 23, 2019
Residence: Akita-shi, Akita, JAPAN	
Mailing Address: c/o AKITA UNIVERSITY, 1-1, Tegata Gakuen-Machi, Akita-shi, Akita, 0108502, JAPAN	
NAME OF FIFTH INVENTOR:	
Given Name (first and middle [if any]) Fumihito	Family Name or Surname KAMIYA
Inventor's signature	Date
Residence: Osaka-Shi, Osaka, JAPAN	
Mailing Address: c/o DAIKIN INDUSTRIES, LTD., Umeda Center Building, 4-12, Nakazaki-Nishi 2-Chome, Kita-ku, Osaka-Shi, Osaka, 530-8323, JAPAN	

NAME OF SIXTH INVENTOR:			
Given Name (first and middle [if any])	Tsuyoshi	Family Name or Surname	NOGUCHI
Inventor's signature		Date	
Residence: Osaka-Shi, Osaka, JAPAN			
Mailing Address: c/o DAIKIN INDUSTRIES, LTD., Umeda Center Building, 4-12, Nakazaki-Nishi 2-Chome, Kita-ku, Osaka-Shi, Osaka, 530-8323, JAPAN			

NAME OF SOLE OR FIRST INVENTOR:	
Given Name (first and middle [if any]) Kazuya	Family Name or Surname MATSUMOTO
Inventor's signature	Date
Residence: Akita-shi, Akita, JAPAN	
Mailing Address: c/o AKITA UNIVERSITY, 1-1, Tegata Gakuen-Machi, Akita-shi, Akita, 0108502, JAPAN	
NAME OF SECOND INVENTOR:	
Given Name (first and middle [if any]) Mitsutoshi	Family Name or Surname JIKEI
Inventor's signature	Date
Residence: Akita-shi, Akita, JAPAN	
Mailing Address: c/o AKITA UNIVERSITY, 1-1, Tegata Gakuen-Machi, Akita-shi, Akita, 0108502, JAPAN	
NAME OF THIRD INVENTOR:	
Given Name (first and middle [if any]) Sumito	Family Name or Surname YAMAKAWA
Inventor's signature	Date
Residence: Akita-shi, Akita, JAPAN	
Mailing Address: c/o AKITA UNIVERSITY, 1-1, Tegata Gakuen-Machi, Akita-shi, Akita, 0108502, JAPAN	
NAME OF FOURTH INVENTOR:	
Given Name (first and middle [if any]) Tadatake	Family Name or Surname SAKURADA
Inventor's signature	Date
Residence: Akita-shi, Akita, JAPAN	
Mailing Address: c/o AKITA UNIVERSITY, 1-1, Tegata Gakuen-Machi, Akita-shi, Akita, 0108502, JAPAN	
NAME OF FIFTH INVENTOR:	
Given Name (first and middle [if any]) Fumihiro	Family Name or Surname KAMIYA
Inventor's signature <i>Fumihiro Kamiya</i>	Date <i>September 1, 2017</i>
Residence: Osaka-Shi, Osaka, JAPAN	
Mailing Address: c/o DAIKIN INDUSTRIES, LTD., Umeda Center Building, 4-12, Nakazaki-Nishi 2-Chome, Kita-ku, Osaka-Shi, Osaka, 530-8323, JAPAN	

NAME OF SIXTH INVENTOR:				
Given Name (first and middle [if any])	Tsuyoshi	Family Name or Surname	NOGUCHI	
Inventor's signature	<i>Tsuyoshi Noguchi</i>		Date	<i>Sep. 11th. 2017</i>
Residence:	Osaka-Shi, Osaka, JAPAN			
Mailing Address:	c/o DAIKIN INDUSTRIES, LTD., Umeda Center Building, 4-12, Nakazaki-Nishi 2-Chome, Kita-ku, Osaka-Shi, Osaka, 530-8323, JAPAN			