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FORM PTO-1619A

A/D581-40  
mas 7-14-99

09/341571

U.S. Department of Commerce  
Patent and Trademark Office

80 Rec'd PCT/PTO

PATENT  
14 JUL 1999

08-10-1999

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TO: The Commissioner of Patents and Trademarks: Please record the attached original documents(s) or copy(ies).

**Submission Type**

- ☒ New  
Resubmission (Non-Recordation) - Document ID #:  
Correction of PTO Error - Reel # Frame #  
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**Conveyance Type**

- ☒ Assignment  
License  
Security Agreement  
Merger  
Change of Name  
Other

**Conveying Party(ies)**

1. Satoshi IDE
2. Masayoshi IMOTO
3. Takashi SHIBANUMA

Execution Date - Month/Day/Year

09-341571

1. 6/11/99
2. 6/11/99
3. 6/11/99

**Receiving Party(ies)**

1. Name: DAIKIN INDUSTRIES, LTD.  
Address: Umeda Center Bldg., 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530 JAPAN

**Correspondent Name and Address**

Tel No. 703-739-4900

Name: THOMAS P. SARRO  
LARSON & TAYLOR • 1199 No. Fairfax St. • Suite 900 • Alexandria, VA 22314-1437

**Pages:** Enter the total number of pages of the attached conveyance document including any attachments #

**Application Number(s) or Patent Number(s)**

(DO NOT ENTER BOTH numbers for the same property)

Patent Application Number(s)

Patent Number(s)

- ☒ This document is being filed together with a new patent application.  
The date the patent application was signed by the first named inventor is: 

Month	Day	Year
6	11	1999

☒ **Patent Cooperation Treaty (PCT)**

PCT/JP98/00044

Enter Number only if a US Appl. No. has not been assigned

**Number of Properties**

Enter the total number of properties involved

1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41)

\$ 40.00

Payment is **Enclosed** (Any insufficiency in fee is authorized to be charged to Deposit Account No. 12-0555)

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit are authorized, as indicated herein.

Name: Douglas E. Jackson

*Douglas E. Jackson*

Date: July 14, 1999

ASSIGNMENT OF PATENT APPLICATION

WHEREAS,

- (1) IDE Satoshi  
(2) IMOTO Masayoshi  
(3) SHIBANUMA Takashi  
(4) \_\_\_\_\_  
(5) \_\_\_\_\_  
(6) \_\_\_\_\_

residing respectively at

- (1) c/o Yodogawa Seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishi-hitotsuya, Settsu-shi, Osaka 566, Japan  
(2) c/o Yodogawa Seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishi-hitotsuya, Settsu-shi, Osaka 566, Japan  
(3) c/o Yodogawa Seisakusho, DAIKIN INDUSTRIES, LTD., 1-1, Nishi-hitotsuya, Settsu-shi, Osaka 566, Japan  
(4) \_\_\_\_\_  
(5) \_\_\_\_\_  
(6) \_\_\_\_\_

(hereinafter referred to as the "ASSIGNOR") has/have invented certain new and useful improvements in \_\_\_\_\_

METHOD FOR TRANSFER-FILLING OF LIQUEFIED GASES

for which ASSIGNOR has

☒ [ X ] executed on even date herewith

☐ [ ] executed on \_\_\_\_\_, 19\_\_\_\_

☐ [ ] filed on \_\_\_\_\_, 19\_\_\_\_

an application for Letters Patent of the United States of America, Serial No. \_\_\_\_\_.

And WHEREAS DAIKIN INDUSTRIES, LTD.

\_\_\_\_\_ a company organized under the laws of \_\_\_\_\_ Japan

\_\_\_\_\_ and having a principal place of business at Uneda Center Building,  
4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530, Japan

(hereinafter referred to as the "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to said application and the invention(s) and improvement(s) therein disclosed, for the United States of America, and any Letters Patent which may issue therefor in the United States and all divisions, continuations, reissues, reexaminations, renewals and/or extensions thereof.

NOW THEREFORE in consideration of the sum of ten U.S. dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNOR does hereby assign, sell, transfer and set over unto

the ASSIGNEE the entire right, title and interest in and to said application and the invention(s) and improvement(s) therein disclosed, for the United States of America, and any Letters Patent which may issue therefor in the United States and all divisions, continuations, reissues, reexaminations, renewals and/or extensions thereof, said ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, continuations, reissues, reexaminations, renewals and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this assignment not been made.

And for the consideration aforesaid, ASSIGNOR agrees that ASSIGNOR will, upon request, communicate to said ASSIGNEE or the representatives thereof any facts known to ASSIGNOR respecting the invention(s) and improvement(s) of the said United States application, and will, upon request, but without expense to ASSIGNOR, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue, reexamination, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said ASSIGNEE or by counsel for said ASSIGNEE, to assist or enable said ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

This assignment shall be binding upon the ASSIGNOR's heirs, executors, administrators, successors and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of the ASSIGNEE.

The Commissioner of Patents is requested to issue such Letters Patent in accordance with this assignment.

- (1) Signature: Satoshi Ide  
Name: IDE Satoshi  
Date: June 11, 1999
- (2) Signature: Masayoshi Imoto  
Name: IMOTO Masayoshi  
Date: June 11, 1999
- (3) Signature: Takashi Shibamura  
Name: SHIBANUMA Takashi  
Date: June 11, 1999
- (4) Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Date: \_\_\_\_\_
- (5) Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Date: \_\_\_\_\_
- (6) Signature: \_\_\_\_\_  
Name: \_\_\_\_\_  
Date: \_\_\_\_\_