

09-30-1999



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TRADEMARK OFFICE

101137651

Attorney Docket No. 4041J-000213

**COVER SHEET FOR RECORDAL OF DOCUMENT (PATENT)**

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir: **4-7-99**

Pursuant to 37 C.F.R. 3.31, enclosed herewith is a document for recordal in this case. The following information is provided:

**(1) Name Of Party Conveying The Interest:**

Motohiro Yamaguchi  
Shin Nishida  
Toshiro Fujii  
Naoya Yokomachi

**(2) Name And Address Of Party Receiving The Interest:**

Denso Corporation  
1-1 Showa-cho  
Kariya-city, Aichi-pref.  
448-8661 Japan

- and

Kabushiki Kaisha Toyoda Jidoshokki Seisakusho  
2-1, Toyoda-cho  
Kariya-city, Aichi-pref.  
448-8671 Japan

**(3) Description Of The Transaction To Be Recorded:**

☒ Assignment      ☐ License  
☐ Change of Name      ☐ Other \_\_\_\_\_

**(4) Application(s) and/or Patent(s) Against Which Enclosure Is To Be Recorded:**

☒ Serial No. 09/287,814, filed April 7, 1999.  
☐ Application being filed concurrently herewith.  
☐ Patent Number \_\_\_\_\_, issued \_\_\_\_\_

*Charge 40.00  
No spec  
Fee*

(5) **Name And Address Of The Party To Whom Correspondence Concerning The Request To Record Should Be Mailed:**

H. Keith Miller  
Harness, Dickey & Pierce, P.L.C.  
P.O. Box 828  
Bloomfield Hills, MI 48303

(6) **Number Of Applications and/or Patents Identified In The Cover Sheet And Total Recordal Fee:**

Number of Applications/Patents:..... 1 (one)

Total Recordal Fee Previously Paid: .. \$40.00  
(fee paid along with application filing fee on 4/07/99)

(7) **Date(s) The Document Was Executed as follows:**

Inventor ..... Date of Execution

(1)	Motohiro Yamaguchi	March 23, 1999
(2)	Shin Nishida	March 23, 1999
(3)	Toshiro Fujii	March 25, 1999
(4)	Naoya Yokomachi	March 25, 1999

To the best of my knowledge and belief, the foregoing information is true and correct, and if the attached is not an original document, the undersigned verifies that it is a true copy of the original.

If, for some reason, Applicants have not paid a sufficient fee, please charge our Deposit Account No. 08-0750 for any further fees which may be due.

Respectfully submitted,

By: 

H. Keith Miller, Reg. No. 22,484  
Michael J. Schmidt, Reg. No. 34,007  
Attorney for Applicants

Date: September 15, 1999

50139-05  
(for Denso Inventors only)

# ASSIGNMENT BY INVENTORS

Sole or Joint

WHEREAS, the undersigned, hereinafter referred to as Assignor(s), have invented

SUPERCritical REFRIGERATING CYCLE SYSTEM

for which the undersigned executed an application for Letters Patent of the United States of America:

- (A) X even date herewith  
(B) \_\_\_\_\_ on \_\_\_\_\_  
(C) \_\_\_\_\_ in U.S. Appln. No. \_\_\_\_\_ filed \_\_\_\_\_

DENSO CORPORATION,

1-1 Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan and

AND WHEREAS,

KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO

2-1 Toyoda-cho, Kariya-city, Aichi-pref., 448-8671 Japan hereinafter referred to as

Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Assignors by these presents do sell, assign and transfer unto Assignee, its successors in interest, the full and exclusive right in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States and the Paris Convention, to the said invention as described in the specification executed by Assignors of even date preparatory to filing a United States application for patent therefor, said invention and all United States applications for patent and all Letters Patent therefor to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignors had this assignment and sale not been made; and Assignors hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of United States application for patent and all foreign countries on, for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor for the benefit of Assignee without further or other compensation than that above set forth; and Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee(s).

Motohiro Yamaguchi  
Inventor 1: Motohiro Yamaguchi

March 23, 1999  
Date

Yasutaka Kuroda  
Witness

Shin Nishida  
Inventor 2: Shin Nishida

March 23, 1999  
Date

Yasutaka Kuroda  
Witness

Inventor 3: Toshiro Fujii

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

Inventor 4: Naoya Yokomachi

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

Inventor 5:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

Inventor 6:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

\_\_\_\_ IF ADDITIONAL INVENTORS, check and continue on page 2.

C-711A-01  
(3 sheets)  
Inventors only

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DENSO CORPORATION

1-1 Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan and

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2-1 Toyoda-cho, Kariya-city, Aichi-pref., 448-8671 Japan hereinafter referred to as  
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Toshiro Fujii  
Inventor 1: Toshiro Fujii

March 25, 1999  
Date

Takashi Umehara  
Witness

Naoya Yokomachi  
Inventor 2: Naoya Yokomachi

March 25, 1999  
Date

Takashi Umehara  
Witness

Inventor 3: Motohiro Yamaguchi

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

Inventor 4: Shin Nishida

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

Inventor 5:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

Inventor 6:

\_\_\_\_\_  
Date

\_\_\_\_\_  
Witness

\_\_\_\_ IF ADDITIONAL INVENTORS, check and continue on page 2.