



IN TI

11-22-2000



101525333

TRADEMARK OFFICE

Attorney Docket No. 4041J-000326

COVER SHEET FOR RECORDAL OF DOCUMENT (PATENT)

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

Sir:

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
Toshinobu Takasaki
Shin Nishida

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

DENSO Corporation
1-1 Showa-cho
Kariya-city, Aichi-pref.
448-8661 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. 09/644,330, filed August 23, 2000.
☐ Application being filed concurrently herewith.
☐ Patent Number _____, issued _____.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on 10/17/00. By [Signature]

11-22-2000 11:44:11 00000033 09644330

11-22-2000

40.00 00

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

H. Keith Miller, Esq.
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 Enclosed: \$40.00

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

Inventor Date of Execution

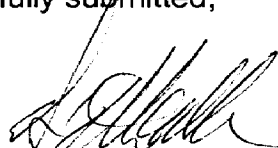
(1)	Motohiro Yamaguchi	September 19, 2000
(2)	Toshinobu Takasaki	September 20, 2000
(3)	Shin Nishida	September 15, 2000

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: October 17, 2000

ASSIGNMENT BY INVENTORS

Sole or Joint

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

REFRIGERATING CYCLE USING CARBON DIOXIDE AS REFRIGERANT

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

(A) _____ even date herewith

(B) _____ on _____

(C) XX in U.S. Appln. No. 09/644,330 filed August 23, 2000

AND WHEREAS,

DENSO CORPORATION of 1-1 Showa-cho, Kariya-city, Aichi-pref., 448-8661 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

September 19, 2000
Date

Yoshitaka Tomiatsu
Witness

Toshinobu Takasaki
Inventor 2: Toshinobu Takasaki

September 20, 2000
Date

Satoshi Itoh
Witness

Shin Nishida
Inventor 3: Shin Nishida

September 15, 2000
Date

Tae Nakagawa
Witness

Inventor 4:

Date

Witness

_____ IF ADDITIONAL INVENTORS, check and continue on page 2.