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To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Atsushi Inaba
Yasushi Yamanaka
Shigeki Iwanami
Koichi Ban
Shigeru Hisanaga
Tadashi Hotta
Yukikatsu Ozaki
Kazuhide Uchida

1.2704

2. Name and address of receiving party(ies)

1) Name: DENSO Corporation

Address: 1-1, Showa-cho

Kariya-city, Aichi-pref.

448-8661 Japan

2) Name: Nippon Soken, Inc

Address: 14, Iwaya, Shimohasumi-cho
Nishio-city, Aichi-pref.
445-0012 Japan

16834 U.S. PTO 10/765761

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Additional name of conveying party(ies) attached? [] Yes [X] No

3. Nature of conveyance:

[X] Assignment [] Merger

Execution Date(s):

Atsushi Inaba January 14, 2004
Yasushi Yamanaka January 14, 2004
Shigeki Iwanami January 14, 2004
Koichi Ban January 14, 2004
Shigeru Hisanaga January 14, 2004
Tadashi Hotta January 14, 2004
Yukikatsu Ozaki January 15, 2004
Kazuhide Uchida January 15, 2004

4. Application number(s) or patent number(s):

10765761

If this document is being filed together with a new application, the execution date of the application is: January 14, 2004

A. Patent Application No.(s)

B. Patent No.(s)

01/30/2004 KBETENA1 00000061 10765761

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Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: H. Keith Miller, Esq.

Internal Address: Harness, Dickey & Pierce, P.L.C.

Street Address: P.O. Box 828

City: Bloomfield Hills State: MI Zip: 48303

6. Total number of applications and/or patents involved: [1]

7. Total fee (37 CFR 3.41) \$ 40.00

[X] Enclosed

[] Authorized to be charged to deposit account

8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

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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.

H. Keith Miller, Esq.
Name of Person Signing

[Signature]
Signature

January 27, 2004
Date

Total number of pages including cover sheet, attachments, and documents: [3]

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Washington, D.C. 20231

PATENT
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87303-05

ASSIGNMENT BY INVENTORS

Sole or Joint

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

VAPOR-COMPRESSION REFRIGERANT CYCLE SYSTEM WITH REFRIGERATION CYCLE AND RANKINE CYCLE

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

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

AND WHEREAS,

DENSO CORPORATION of 1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan
NIPPON SOKEN, INC. of 14, Iwaya, Shlmohasumi-cho, Nishio-city, Aichi-pref., 445-0012 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).

Atsushi Inaba
 Inventor 1: Atsushi Inaba

January 14, 2004
 Date

Shinichi Hamada
 Witness

Yasushi Yamanaka
 Inventor 2: Yasushi Yamanaka

January 14, 2004
 Date

Shinichi Hamada
 Witness

Shigeki Iwanami
 Inventor 3: Shigeki Iwanami

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Shigeru Hisanaga
 Inventor 5: Shigeru Hisanaga

January 14, 2004
 Date

Shinichi Hamada
 Witness

Tadashi Hotta
 Inventor 6: Tadashi Hotta

January 14, 2004
 Date

Yoichiro Kawamoto
 Witness

IF ADDITIONAL INVENTORS, check and continue on page 2.

ASSIGNMENT BY INVENTORS

Yukikatsu Ozaki
Inventor 7: Yukikatsu Ozaki

January 15, 2004
Date

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Witness

Kazuhide Uchida
Inventor 8: Kazuhide Uchida

January 15, 2004
Date

Yoichiro Kawamoto
Witness

Inventor 9:

Date

Witness

Inventor 10:

Date

Witness