

11-29-2000

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Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Katumi KUWABARA, Junji WAKIKAWA, Mitiyuki TAKAHASHI, Akihiro KOBAYASHI

Additional name(s) of conveying party(ies) attached? Yes ___ No XX

2. Name and address of receiving party(ies):

Name: SCIENCE INC.

Street Address: 15-10, Miyaharacho 2-chome, Oomiyasi, Saitama, Japan

Additional name(s) & address(es) attached? Yes ___ No XX

3. Nature of conveyance: Assignment

Execution Date: September 20, 2000, September 20, 2000, September 21, 2000, September 21, 2000

4. Title: HEATING APPARATUS HAVING REFRIGERATION CYCLE

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

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

A. Patent Application No.(s)

B. Patent No.(s)

09/574,258

Additional numbers attached? Yes ___ No XX

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

Name:

ARMSTRONG, WESTERMAN, HATTORI,
MCLELAND & NAUGHTON
1725 K Street, N.W., Suite 1000
Washington, D.C. 20006

7. Total number of applications and patents involved: 1

11/28/2000 11:11:00 AM 0000109 09574258

01 FD:581

40.00 DP

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

XX Enclosed

 Authorized to be charged to Deposit Account

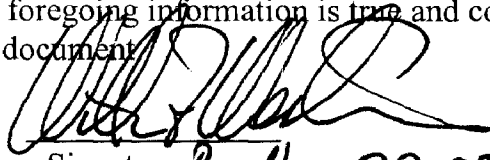
9. Deposit Account No.: **01-2340**

(Two copies of this paper are attached.)

10. 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.

William G. Kratz, Jr.
Name of Person Signing


Signature *Reg No. 29,988*

November 1, 2000
Date

22,631
Registration No.

Total number of pages including cover sheet, attachments and document: 3

Rev. 2/97

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's
Name(s) Address(es))

SCIENCE INC.**15-10, Miyaharacho 2-chome, Oomiyasi, Saitama, Japan**

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)
(*If the assignment is
being filed after the filing
of the application, this
section must be
completed)

HEATING APPARATUS HAVING REFRIGERATION CYCLE

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

*filed on May 19, 2000, Serial No. 09/574,258.

(Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

Katumi KUWABARA
(SIGNATURE)

Katumi KUWABARA
(TYPE NAME)

September 20, 2000
(DATE)

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NO LEGALIZATION REQUIRED