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1. Name of conveying party(ies):

Tatsuo INOUE, Masafumi NOGAWA, Shin KAWANO
and Kimio AOYAMAAdditional name(s) of conveying party(ies) attached?
☐ Yes ☒ No

3. Nature of Conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____Execution Date: January 27, 2000

Name and address of receiving party(ies):

Name: AISIN SEIKI KABUSHIKI KAISHA

Address: 1, Asahi-machi 2-chome,
Kariya-shi, Aichi-ken, JAPANAdditional name(s) & address(es) attached?
☐ Yes ☒ No

4. 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)

09/450,721

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.
Attorneys at Law
Fourth Floor
1755 Jefferson Davis Highway
Arlington, Virginia 22202

6. Total number of applications and patents involved:

17. Total fee (37 CFR 3.41):.....\$ 40.00☒ Enclosed
☐ Authorized to be charged to deposit account8. Deposit account number: 15-0030

(Attach duplicate copy of this page if paying by deposit account)

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C. Irvin McClelland
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PATENT
REEL: 010640 FRAME: 0368

Assignment Of Application

Page 1 of 2

WHEREAS, I (WE) TATSUO INOUE of Anjo-shi, JAPAN and

MASAFUMI NOGAWA of Toyota-shi, JAPAN and

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

SHIN KAWANO of Kariya-shi, JAPAN and

KIMIO AOYAMA of Kariya-shi, JAPAN

_____, respectively,

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: MULTI-TYPE PULSE-TUBE

REFRIGERATING SYSTEM

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on X January 27, 2000

(Application No. 09/450,721, filed November 30, 1999), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

WHEREAS, ALISIN SEIKI KABUSHIKI KAISHA

(hereinafter referred to as "ASSIGNEE") having a place of business at: 1, Asahi-machi

2-chome, Kariya-shi, Aichi-ken, JAPAN

, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration which is hereby acknowledged, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: X Jan. 27, 2000

X Tatsuo Inoue
(Signature of Inventor) TATSUO INOUE

Date: X Jan. 27, 2000

X Masafumi Nogawa
(Signature of Inventor) MASAFUMI NOGAWA

Date: X Jan. 27, 2000

X Shin Kawano
(Signature of Inventor) SHIN KAWANO

Date: X Jan. 27, 2000

X Kimio Aoyama
(Signature of Inventor) KIMIO AOYAMA

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

ATTORNEYS AT LAW

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