



09-07-2000



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Shaowei ZHU, Shin KAWANO, Masafumi NOGAWA
and Tatsuo INOUE

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

Name and address of receiving party(ies):

Name: AISIN SEIKI KABUSHIKI KAISHA

Address: 1, Asahi-machi 2-chome,
Kariya-shi, Aichi-ken, JAPAN

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☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
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Execution Date: May 25, 2000

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)

09/539,324

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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



22850

6. Total number of applications and patents involved:

1

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- ☒ Enclosed
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Assignment Of Application

Page 1 of 2

WHEREAS, I (WE) Shaowei ZHU of Kariya-shi, JAPAN and

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

Shin KAWANO of Kariya-shi, JAPAN and

Masafumi NOGAWA of Toyota-shi, JAPAN and

Tatsuo INOUE of Anjo-shi, JAPAN and

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: PULSE TUBE REFRIGERATOR

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on X May 25, 2000

(Application No. 09/539,324, filed March 30, 2000), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

WHEREAS, AISIN 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 May 25, 2000

X Shaowei zhu
(Signature of Inventor) Shaowei ZHU

Date: X May 25, 2000

X Shin Kawano
(Signature of Inventor) Shin KAWANO

Date: X May 25, 2000

X Masafumi Nogawa
(Signature of Inventor) Masafumi NOGAWA

Date: X May 25, 2000

X Tatsuo Inoue
(Signature of Inventor) Tatsuo INOUE

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

FOURTH FLOOR

1755 JEFFERSON DAVIS HIGHWAY

ARLINGTON, VIRGINIA 22202