

PATENTS ONLY

02-04-2003

PATENTS ONLY

TO 1

PATENTS

Please re

or copy thereof.

1. Name of Party(ies) conveying an

102356321

Name and Address of Party(ies) receiving an interest:

KYO NIWATSUKINO  
YOUICHI SYUKURI  
SEIJI URANO  
SHIGERU NARAKINO  
FUMINORI HIRAKAWA  
TOSHIHIKO MATSUDA  
SHINYA KOGA  
YOSHIMITSU AIZONO  
TOSHISUKE SAKAI  
TOSHIYUKI KUBOTA  
MAKOTO NISHIDA

Name: Matsushita Electric Industrial  
Co., Ltd.

Internal Address:

Street Address: 1006 Oaza Kadoma

City: Kadoma-shi

State/Zip: Osaka, Japan/ 571-850

Additional name(s) and addresses attached?

☐ Yes ☒ No

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

☐ Yes ☒ No

3. Description of the interest conveyed:

☒ Assignment☐ Change of Name

Other:

☐ Security Agreement☐ Merger

Execution Date: January 23, 2003

4. Application number(s) or patent number(s). Additional sheet attached? ☐ Yes ☒ No

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

January 23, 2003

Date

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, IL 60610  
(312)321-4200

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40

☒ Enclosed☐ Authorized to be charged to Deposit Account No. 23-19258. ☒ Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

DO NOT USE THIS SPACE

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9. 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.

Tadashi Horie

Name of Person Signing

*Tadashi Horie*  
Signature

January 24, 2003

Date

Total number of pages including cover sheet, attachments, and document: 6

Case No. 9353/70  
Client Case No. D2805-01

### ASSIGNMENT

WHEREAS, Kyo Niwatsukino, Youichi Syukuri, Seiji Urano, Shigeru Narakino, Fuminori Hirakawa, Toshihiko Matsuda, Shinya Koga, Yoshimitsu Aizono, Toshisuke Sakai, Toshiyuki Kubota, and Makoto Nishida, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled PUMP FOR CIRCULATING COOLANT IN ELECTRONIC DEVICES, executed by Assignors on the same date as this Assignment;

WHEREAS, Matsushita Electric Industrial Co., Ltd., a corporation organized and existing under the laws of Japan, having a place of business at 1006 Oaza Kadoma, Kadoma-shi Osaka 571-8501, Japan, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent

applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE: 23 JAN 2003 Kyo Niwatsukino  
Kyo Niwatsukino

WITNESSED:

DATE: 23 JAN 2003 U. Tsuruta

DATE: 23 JAN 2003 Y. Iao

DATE: 23 JAN 2003 Youichi Syukuri  
Youichi Syukuri

WITNESSED:

DATE: 23 JAN 2003 U. Tsuruta

DATE: 23 JAN 2003 Y. Iao

DATE: 23 JAN 2003 Seiji Urano  
Seiji Urano

WITNESSED:

DATE: 23 JAN 2003 U. Tsuruta

DATE: 23 JAN 2003 Y. Iao

DATE: 23 JAN 2003 Shigeru Narakino  
Shigeru Narakino

WITNESSED:

DATE: 23 JAN 2003 U. Tsuruta

DATE: 23 JAN 2003 Y. Iao

DATE:	<u>23 JAN 2003</u>	<u>Fuminori Hirakawa</u>
WITNESSED:		<u>Fuminori Hirakawa</u>
DATE:	<u>23 JAN 2003</u>	<u>U. Fujita</u>
DATE:	<u>23 JAN 2003</u>	<u>Y. Iao</u>
DATE:	<u>23 JAN 2003</u>	<u>Toshihiko Matsuda</u>
WITNESSED:		<u>Toshihiko Matsuda</u>
DATE:	<u>23 JAN 2003</u>	<u>U. Fujita</u>
DATE:	<u>23 JAN 2003</u>	<u>Y. Iao</u>
DATE:	<u>23 JAN 2003</u>	<u>Shinya Koga</u>
WITNESSED:		<u>Shinya Koga</u>
DATE:	<u>23 JAN 2003</u>	<u>U. Fujita</u>
DATE:	<u>23 JAN 2003</u>	<u>Y. Iao</u>
DATE:	<u>23 JAN 2003</u>	<u>Yoshimitsu Aizono</u>
WITNESSED:		<u>Yoshimitsu Aizono</u>
DATE:	<u>23 JAN 2003</u>	<u>U. Fujita</u>
DATE:	<u>23 JAN 2003</u>	<u>Y. Iao</u>
DATE:	<u>23 JAN 2003</u>	<u>Toshisuke Sakai</u>
WITNESSED:		<u>Toshisuke Sakai</u>
DATE:	<u>23 JAN 2003</u>	<u>U. Fujita</u>
DATE:	<u>23 JAN 2003</u>	<u>Y. Iao</u>

DATE: 23 JAN 2003

Toshiyuki Kubota  
Toshiyuki Kubota

WITNESSED:

DATE: 23 JAN 2003

Li. Tung

DATE: 23 JAN 2003

Y. Jao

DATE:

Makoto Nishida

WITNESSED:

DATE:

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DATE:

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DATE: \_\_\_\_\_ Toshiyuki Kubota

WITNESSED:

DATE: \_\_\_\_\_

DATE: \_\_\_\_\_

DATE: 23 JAN 2003 Makoto Nishida  
Makoto Nishida

WITNESSED:

DATE: 23 JAN 2003 Yuzo Fujii  
Yuzo Fujii

DATE: 23 JAN 2003 Y. Tao  
Yasuhiko Tao

REV. Dec.-99  
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