

03-09-2004

10 581-40

10/475426



Attorney Docket No.: 10407-66US (A2085MT-US1)

DT15 Rec'd PCT/PTO 21 OCT 2003

102688019

## RECORDATION FORM COVER SHEET

## PATENTS ONLY

10/21/03

Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Kazuhiko HASHIMOTO  
Takashi HASHIDA  
Masaaki SUZUKI  
Masahiko HASHIMOTO  
Hidetomo NAGAHARA  
Seigo SHIRAISHI  
Norihiisa TAKAHARA

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

Matsushita Electric Industrial Co., Ltd.  
1006, Oaza Kadoma  
Kadoma-shi, Osaka 571-8501  
Japan

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other  
☐ Correction of previously recorded document  
Reel Frame No.

Execution Date: K. Hashimoto: September 29, 2003  
Hashida & Suzuki: September 24, 2003  
M. Hashimoto & Nagahara: October 3, 2003  
K. Shiraishi: September 30, 2003  
Takahara: October 2, 2003

Additional 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:  
September 29, September 24, October 3, September 30, & October 2, 2003

A. Patent Application No.(s)

B. Patent No.(s)

10475426

Additional numbers attached? ☐ Yes ☒ No

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

William W. Schwarze  
AKIN GUMP STRAUSS HAUER & FELD LLP  
One Commerce Square  
2005 Market Street, Suite 2200  
Philadelphia, PA 19103  
Direct Dial: 215-965-1270  
E-mail: wschwarze@akingump.com

## 6. Total number of applications/patents involved: 1

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

- ☒ Check enclosed  
☒ Authorization to charge deficient fees or credit any overpayment to Deposit Account.

## 8. Deposit Account Number: 50-1017

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

## DO NOT USE THIS SPACE

## 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.

William W. Schwarze  
Name of Person Signing

*William W. Schwarze*  
Signature

Oct. 21, 2003  
Date

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

Attorney Docket No.: 10407-66US  
Your Ref. No.: A2085MT-US1

JOINT

## **ASSIGNMENT**

**WHEREAS**, we, **Kazuhiko HASHIMOTO, Takashi HASHIDA, Masaaki SUZUKI, Masahiko HASHIMOTO, Hidetomo NAGAHARA, Seigo SHIRAISHI and Norihisa TAKAHARA** respectively citizens of **Japan**, with respective post office addresses of , **1-8-2-905, Keihanhondori, Moriguchi-shi, Osaka 570-0083 Japan, 2-2-23-1502, Shigitahigashi, Joto-ku, Osaka-shi, Osaka 536-0017 Japan, 4-13-25, Suwa, Joto-ku, Osaka-shi, Osaka 536-0021 Japan, 2-3-20-104, Okayamahigashi, Shijonawate-shi, Osaka 575-0003 Japan, 5-1-13-8-304, Kabutodai, Kizu-cho, Soraku-gun, Kyoto 619-0224 Japan, 17-15-209, Suehirocho, Neyagawa-shi, Osaka 572-0009 Japan and 3-19-17-7, Shindo, Ibaraki-shi, Osaka 567-0835 Japan**, hereinafter generally referred to as "**ASSIGNORS**," have invented a certain new and useful

**ACOUSTIC MATCHING LAYER,  
ULTRASONIC TRANSDUCER,  
METHOD OF MAKING THE ACOUSTIC MATCHING LAYER,  
METHOD FOR FABRICATING THE ULTRASONIC TRANSDUCER, AND  
ULTRASONIC FLOWMETER**

for which we have executed a United States patent application, Application No. \_\_\_\_\_, filed \_\_\_\_\_ Herewith \_\_\_\_\_, 200 \_\_\_\_\_ and International Application No. PCT/JP03/00812 filed January 28, 2003

**ASSIGNORS** authorize **ASSIGNEE** or **ASSIGNEE's** representative to insert the Application Number and Filing date of this application if they are unknown at the time of execution of this Assignment.

**WHEREAS**, **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.**, a **Japanese** corporation having a place of business at **1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan**, hereinafter generally referred to as "**ASSIGNEE**", is desirous of acquiring said invention and said patent application.

**NOW, THEREFORE**, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged and intending to be legally bound hereby, we, the undersigned **ASSIGNORS**, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named **ASSIGNEE**, the whole and entire right, title and interest

in and to said invention as described in the above patent application, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above patent application and any and all related United States and foreign patent applications disclosing said invention, including provisionals, non-provisionals, divisions and continuations thereof, along with all rights of priority created by said patent application under any treaty relating thereto; and

in and to all United States and foreign patents which may be granted on any and all of said patent applications, including extensions, reissues and reexamination certificates thereof;

said invention, application(s) and patent(s) to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and benefit, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said patent(s) may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the patent(s) hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

September 29, 2003  
DATE

Kazuhiko Hashimoto (Seal)  
Kazuhiko HASHIMOTO

September 24, 2003  
DATE

Takashi Hashida (Seal)  
Takashi HASHIDA

September 24, 2003  
DATE

Masa-aki Suzuki (Seal)  
Masaaki SUZUKI

October 3, 2003  
DATE

Masahiko Hashimoto (Seal)  
Masahiko HASHIMOTO

October 3, 2003  
DATE

Hidetomo Nagahara (Seal)  
Hidetomo NAGAHARA

September 30, 2003  
DATE

Seigo Shiraishi (Seal)  
Seigo SHIRAISHI

October 2, 2003  
DATE

Norihisa Takahara (Seal)  
Norihisa TAKAHARA