

04-01-2005

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Please record



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py thereof.

1. Name of Party(ies) conveying an interest:

Tatsuya Omori  
Hidekazu Tanaka  
Takayuki Murayama  
Takashi Sabato  
Andrew Tan Chee Kian  
Tan Mei Ling  
Ng Li Kiat  
William Teo Bun Tjuang



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

Name: Matsushita Electric Industrial Co., Ltd.  
Internal Address:  
Street Address: 1006 Oaza Kadoma  
City: Kadoma-shi  
State/Zip: Osaka 571-8501, Japan

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: March 11, 2005

4. Application number(s) or patent number(s).

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

A. Patent Application No.(s) 29/217,106  
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) \$ 40.00  
 Enclosed  
 Authorized to be charged to Deposit Account No. 23-1925
- 8.  Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

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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.

Benjamin B. Cotton, Reg. No. 54,050  
Name of Person Signing

March 23, 2005  
Date

Total number of pages including cover sheet, attachments, and document: 5

03/31/2005 ECDUPER 00000082 29217106

01 FC:8021

40.00 DP

PATENT  
REEL: 016404 FRAME: 0935

Case No. 9353/280  
Client Case No. D3503-01

### ASSIGNMENT

WHEREAS, Tatsuya Omori, Hidekazu Tanaka, Takayuki Murayama, Takashi Sabato, Andrew Tan Chee Kian, Tan Mei Ling, Ng Li Kiat, and William Teo Bun Tjuang, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled SPEAKER, for a full description of which reference is here made to an application for Letters Patent of the United States filed on November 12, 2004, and assigned Application Serial No. 29/217,106;

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: MAR. 1 1. 2005 大森 達哉  
Tatsuya Omori

WITNESSED:

DATE: MAR. 1 1. 2005 Akio Goto

DATE: MAR. 1 1. 2005 Kuniko Tokumoto

DATE: MAR. 1 1. 2005 Hidekazu Tanaka

WITNESSED:

DATE: MAR. 1 1. 2005 Akio Goto

DATE: MAR. 1 1. 2005 Kuniko Tokumoto

DATE: MAR. 1 1. 2005 Takayuki Murayama

WITNESSED:

DATE: MAR. 1 1. 2005 Akio Goto

DATE: MAR. 1 1. 2005 Kuniko Tokumoto

DATE: MAR. 1 1. 2005 Takashi Sabato

WITNESSED:

DATE: MAR. 1 1. 2005 Akio Goto

DATE: MAR. 1 1. 2005 Kuniko Tokumoto

DATE: MAR. 1 1. 2005

*Andrew Tan Chee Kian*  
Andrew Tan Chee Kian

WITNESSED:

DATE: MAR. 1 1. 2005

*Akio Goto*

DATE: MAR. 1 1. 2005

*Kuniko Tokunaga*

DATE: MAR. 1 1. 2005

*Tan Mei Ling*  
Tan Mei Ling

WITNESSED:

DATE: MAR. 1 1. 2005

*Akio Goto*

DATE: MAR. 1 1. 2005

*Kuniko Tokunaga*

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

\_\_\_\_\_  
Ng Li Kiat

WITNESSED:

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

\_\_\_\_\_

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

\_\_\_\_\_

DATE: MAR. 1 1. 2005

*William Teo Bun Tjuang*  
William Teo Bun Tjuang

WITNESSED:

DATE: MAR. 1 1. 2005

*Akio Goto*

DATE: MAR. 1 1. 2005

*Kuniko Tokunaga*

DATE: \_\_\_\_\_  
WITNESSED: \_\_\_\_\_  
Andrew Tan Chee Kian

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

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

DATE: \_\_\_\_\_  
WITNESSED: \_\_\_\_\_  
Tan Mei Ling

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

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

DATE: MAR. 1 1. 2005  
WITNESSED: \_\_\_\_\_  
Ng Li Kiat

DATE: MAR. 1 1. 2005  
DATE: \_\_\_\_\_

DATE: MAR. 1 1. 2005  
DATE: \_\_\_\_\_  
Kuniko Tokumoto

DATE: \_\_\_\_\_  
WITNESSED: \_\_\_\_\_  
William Teo Bun Tjuang

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

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