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PATENT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial No.: 11/046,697

Confirmation No.: 3671

In re Application of:

Tadaaki MIMURA et al.

Group Art Unit: 2811

Filed: February 1, 2005

Examiner: Unassigned

For: SEMICONDUCTOR DEVICE

ASSIGNMENT TRANSMITTAL LETTER

Director of United States Patent
and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

PATENT

REEL: 015940 FRAME: 0277

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CH \$40.00 160331 11046697

Serial No.: 11/046,697

Please record the attached Assignment in the name of the assignor and the assignee as indicated below and return the original document to the undersigned.

1. Submission Type:

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2. Name of Conveying Party(ies):

Tadaaki Mimura, Tsuyoshi Hamatani, Atuhito Mizutani, and Kenji Ueda.

3. Name and Address of Receiving Party(ies):

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
1006, Oaza Kadoma, Kadoma-shi
Osaka 571-8501 JAPAN.

4. Execution Date of Assignment: January 27, 2005.

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

6. Total number of applications and patents involved: one (1).

All correspondence should be addressed to:

Roger W. Parkhurst
PARKHURST & WENDEL, L.L.P.
1421 Prince Street, Suite 210
Alexandria, VA 22314-2805.

Serial No.: 11/046,697

The Assignment recordation fee (\$40.00) should be charged to Deposit Account No. 160331.

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. Total number of pages including cover sheet, attachments and document four (4).

If there should be any questions concerning the amount of the fee or should our check become detached, please debit or credit our Deposit Account No. 160331 as needed in order to effect proper filing of the attached document.

Respectfully submitted,

PARKHURST & WENDEL, L.L.P.

March 22, 2005
Date


Roger W. Parkhurst
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RWP/jmz

Attorney Docket No.: YMOR:371

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(1-8) Insert Name(s) of Inventor(s)

(1) <u>Tadaaki Mimura</u>	(5) _____
(2) <u>Tsuyoshi Hamatani</u>	(6) _____
(3) <u>Atuhito Mizutani</u>	(7) _____
(4) <u>Kenji Ueda</u>	(8) _____

In consideration of the sum of dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert name of Assignee (9) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

(10) Insert address of Assignee (10) 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(11) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (11) SEMICONDUCTOR DEVICE

(Case No. YMOR-371)

for which the undersigned has (have) executed an application for patent in the United States of America

(12) Insert Date of Signing of Application (12 on January 27, 2005

(13) Alternative identification for filed applications (13) U.S. application Serial Number 11/046,697

filed February 1, 2005

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of PARKHURST & WENDEL, L.L.P. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date January 27, 2005 Name of Inventor Tadaaki Mimura Tadaaki Mimura (SEAL)

Date January 27, 2005 Name of Inventor Tsuyoshi Hamatani Tsuyoshi Hamatani (SEAL)

Date January 27, 2005 Name of Inventor Atuhito Mizutani Atuhito Mizutani (SEAL)

Date January 27, 2005 Name of Inventor Kenji Ueda Kenji Ueda (SEAL)

Date _____ Name of Inventor _____ (SEAL)

Date _____ Name of Inventor _____ (SEAL)

Date _____ Name of Inventor _____ (SEAL)

Date _____ Name of Inventor _____ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date January 27, 2005 Witness Noriko Ohashi

Date January 27, 2005 Witness Seiji Kamada

PATENT

RECORDED: 03/22/2005

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