

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.:10/493,437Confirmation No.:2538

In re Application of:

Michiaki TSUNEOKA et al.Group Art Unit:2835

Filed:April 23, 2004Examiner:

For:MODULE PART

ASSIGNMENT TRANSMITTAL LETTER

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Sir:

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.

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- 2.Name of Conveying Party(ies):
- Michiaki TSUNEOKA, Koji HASHIMOTO, Masaaki HAYAMA,
Takeo YASUHO.

- 3.Name and Address of Receiving Party(ies):
- MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
1006, Oaza Kadoma,
Kadoma-shi, 571-8501 JAPAN.

CH \$40.00 160331 10493437

Serial No. 10/493,437

4. Execution Date of Assignment: April 7, 2004.
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: 1.

All correspondence should be addressed to:

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

The Assignment recordation fee (\$40.00) may be debited from
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To the best of my knowledge and belief, the foregoing
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the fee or should our check become detached, please debit or
credit our Deposit Account Number 160331 as needed in order to
effect proper filing of the attached document.

Respectfully submitted,

PARKHURST & WENDEL, L.L.P.



Roger W. Parkhurst
Registration No. 25,177

September 3, 2004
Date

Attorney Docket No. MEIC:164

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

(1) Michiaki TSUNEOKA (5) _____
 (2) Koji HASHIMOTO (6) _____
 (3) Masaaki HAYAMA (7) _____
 (4) Takeo YASUHO (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, 571-8501 JAPAN

(hereinafter designated as the Assignee) the entire right, title and interest worldwide, including 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) MODULE PART
 _____ (Case No. MEIC:164)

for which the undersigned executed an application for patent in the United States of America

(12) Insert Date of Signing of Application (12 on April 7, 2004

(13) Alternative identification for filed applications (13) U.S. application Serial Number 10/493,437
 filed April 23, 2004

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 any continuing or divisional application 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, the Patent Cooperation Treaty, the European Patent Convention, or similar agreements or treaties.

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

5) The undersigned hereby authorize(s) and request(s) the patent offices or authorities to issue any and all Patents or patent rights resulting from said applications or any continuing or divisional 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 or any other patent office worldwide, for recordation of this document.

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

Date April 7, 2004 Name of Inventor Michiaki Tsuneoka Michiaki TSUNEOKA (SEAL)

Date April 7, 2004 Name of Inventor Koji Hashimoto Koji HASHIMOTO (SEAL)

Date April 7, 2004 Name of Inventor Masaaki Hayama Masaaki HAYAMA (SEAL)

Date April 7, 2004 Name of Inventor Takeo Yasuho Takeo YASUHO (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 April 7, 2004 Witness Katsunori Idashiguchi

Date April 7, 2004 Witness Takashi Tamai