

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/919,259

Confirmation No.: 5836

In re Application of:

Atsushi HOJO et al.

Group Art Unit: 2621

Filed: August 17, 2004

Examiner:

For: IMAGE PICKUP AND DISPLAY DEVICE

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):

Atsushi HOJO, Yuji TOMINAGA, Hiromitsu KIMURA,
Hiroyuki MATSUMOTO, Mizuho SAKAKIBARA

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

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD
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700126752

PATENT
REEL: 015303 FRAME: 0108

CH \$40.00 160331 10919259

Serial No. 10/919,259

4. Execution Date of Assignment: August 10, 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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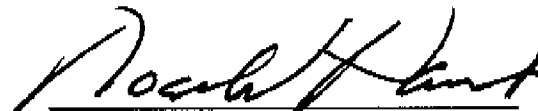
Respectfully submitted,

PARKHURST & WENDEL, L.L.P.

October 28, 2004
Date

Attorney Docket No. YMOR:337

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(1) Atsushi Hojo (5) Mizuho Sakakibara
 (2) Yuji Tominaga (6) _____
 (1-8) Insert Name(s) of Inventor(s) (3) Hiromitsu Kimura (7) _____
 (4) Hiroyuki Matsumoto (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) IMAGE PICKUP AND DISPLAY DEVICE
 (Case No. YMOR:337)

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 August 10, 2004)

(13) Alternative identification for filed applications (13) U.S. application Serial Number 10/919,259
 filed August 17, 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 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 August 10, 2004 Name of Inventor Atsushi Hojo Atsushi Hojo (SEAL)

Date August 10, 2004 Name of Inventor Yuji Tominaga Yuji Tominaga (SEAL)

Date August 10, 2004 Name of Inventor Hiromitsu Kimura Hiromitsu Kimura (SEAL)

Date August 10, 2004 Name of Inventor Hiroyuki Matsumoto Hiroyuki Matsumoto (SEAL)

Date August 10, 2004 Name of Inventor Mizuho Sakakibara Mizuho Sakakibara (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 August 10, 2004 Witness Masayoshi Yano

Date August 10, 2004 Witness Tadahiro Yoshida

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RECORDED: 10/28/2004

REEL: 015303 FRAME: 0110