



102767088

To the Honorable Commissioner of Patents and Trademarks, attached original documents or copy thereof.

1. Name of conveying party(ies): 6.8.04  
**Yuusuke Yamamoto**  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
Name: Matsushita Electric Industrial Co., Ltd.  
Street Address: 1006, Oaza Kadoma  
City: Kadoma-shi State: Osaka Country: Japan  
Zip: 571-8501  
Additional name(s) of receiving party(ies) attached?  Yes  No

3. Nature of Conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_  
Execution Date: May 28, 2004

24278 U.S. PTO  
10/863398

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4. Application number(s) or patent number(s): 10863398  
If this document is being filed together with a new application, the execution date of the application is: May 28, 2004

A. Patent Application No.(s):  
10/2004 HTECKLU1 00000022 10863398  
FC:8021 40.00 CP  
Additional number(s) attached?  Yes  No

B. Patent No.(s):

5. Name and address of party to whom correspondence concerning this document should be mailed:  
Customer No.: 000,116  
Name: Jeffrey J. Sopko  
Street Address: 1801 East 9th Street  
Suite 1200  
City: Cleveland State: OH Zip: 44114-3108

6. Total number of applications and patents involved: 1  
7. Total Fee (37 C.F.R. §3.41) ..... \$40.00  
 Enclosed  
 Authorized to be charged to Deposit Account for any uncovered fees  
8. Deposit Account No.  
16-0820, Order No. 36840  
(Attach duplicate copy of this page if paying by deposit account)

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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.*  
Jeffrey J. Sopko  
Name of Person Signing  
  
Signature  
June 8, 2004  
Date  
Total number of pages including cover sheet, attachments, and document: 3

## ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

Method of manufacturing mounting boards

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below, which application is further identified as Pearne & Gordon LLP Docket No. 36840

WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a corporation of Japan, having a place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

The undersigned hereby grants the firm of Pearne & Gordon LLP 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 for recordation of this document.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name: Yuusuke Yamamoto  
Signature: Yuusuke Yamamoto  
Today's Date: May 28, 2004  
Date I signed Declaration: May 24, 2004  
Witness: \_\_\_\_\_  
Witness: \_\_\_\_\_

(2) Inventor Name: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Today's Date: \_\_\_\_\_  
Date I signed Declaration: \_\_\_\_\_  
Witness: \_\_\_\_\_  
Witness: \_\_\_\_\_

(3) Inventor Name: \_\_\_\_\_  
Signature: \_\_\_\_\_  
Today's Date: \_\_\_\_\_  
Date I signed Declaration: \_\_\_\_\_  
Witness: \_\_\_\_\_  
Witness: \_\_\_\_\_