

MND 10/27/99

To the Assistant Commissioner for

11-05-1999



101193766

1. Name of conveying party(ies)

Noboru Takada

Add'l name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement
- Change of name
- Other

Execution Date: October 12, 1999

2. Name and address of receiving party(ies):

Matsushita Electric Industrial Co., Ltd.
 1006, Oaza Kadoma, Kadoma-shi
 Osaka 571-8501
 Japan

Add'l. name(s) & address(es) attached? Yes No

JCS75 U.S. PTO
 09/427704
 10/27/99

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

If this document is being filed together with a new application, the execution date of the application is: October 12, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Edward G. Faeth
 Pollock, Vande Sande & Amernick
 Suite 800
 1990 M Street, N.W.
 Washington State: D.C. Zip: 20036

6. Total number of applications and patents involved [1]

7. Total fee (37 CFR 3.41).....\$40.00

- Enclosed
- Authorized to be charged to deposit account
- Charge deficiencies/credit overpayments to Deposit Account 22-0185

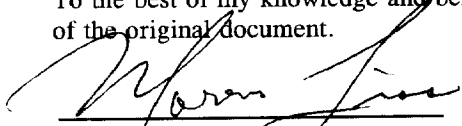
8. Deposit Account No: 22-0185

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.


 Morris Liss
 Reg. No. 24,510

Date: 10/27/99

Total number of pages comprising cover sheet: [2]

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
 Box Assignments
 Washington, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

09 CHARLINS 00000026 09427704
 40.00 00

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

Noboru TAKADA

who has made a certain new and useful invention, hereby sells, assigns and transfers unto

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

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

SHUTTER MECHANISM

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on October 12, 1999,

and the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agrees to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the date indicated aside my signature:

INVENTOR

DATE SIGNED

Noboru Takada

October 12, 1999

Name: Noboru Takada