



12-18-2002



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12-12-02

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Hiromichi KOYAMA et al.

Serial No.: 10/292,821

Filed: November 13, 2002

For: MOVABLE CONTACT UNIT, PANEL SWITCH USING THE SAME AND  
ELECTRONIC EQUIPMENT HAVING THE PANEL SWITCH

ASSIGNMENT TRANSMITTAL LETTER

Honorable Commissioner of  
Patents and Trademarks  
Washington, D.C. 20231

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.

1. Submission Type:

Conveyance Type:

<input checked="" type="checkbox"/> New	<input checked="" type="checkbox"/> Assignment
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REEL: 013574 FRAME: 0183

2. Name of Conveying Party(ies):

Hiromichi Koyama and Koji Sako.

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: December 4, 2002.

5. If this Assignment is being filed together with a new application, the execution date of the application is: December 4, 2002.

6. Total number of applications and patents involved: 1.

All correspondence should be addressed to:

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

The Assignment recordation fee (\$40.00) is covered by our attached Check Number 16082.

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 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 Number 16-0331 as needed in order to effect proper filing of the attached document.

Respectfully submitted,

PARKHURST & WENDEL, L.L.P.

December 12, 2002  
Date

  
\_\_\_\_\_  
Roger W .Parkhurst  
Registration No. 25,177

Attorney Docket No. MEIC:137

PARKHURST & WENDEL, L.L.P.  
1421 Prince Street, Suite 210  
Alexandria, Virginia 22314-2805  
Telephone: (703) 739-0220

# ASSIGNMENT

A 29542

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

(1) Hiromichi Koyama (5) \_\_\_\_\_  
 (2) Koji Sako (6) \_\_\_\_\_  
 (3) \_\_\_\_\_ (7) \_\_\_\_\_  
 (4) \_\_\_\_\_ (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.  
 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 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 (11) MOVABLE CONTACT UNIT, PANEL SWITCH USING THE SAME AND  
ELECTRONIC EQUIPMENT HAVING THE PANEL SWITCH  
 Invention, such as Title, \_\_\_\_\_  
 Case Number or Foreign \_\_\_\_\_  
 Application Number \_\_\_\_\_ (Case No. MEIC:137)

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

(12) Insert Date of Signing of (12) on December 4, 2002  
 Application

(13) Alternative identification (13) U.S. application Serial Number 10/292,821  
 for filed applications filed November 13, 2002

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 December 4, 2002 Name of Inventor Hiromichi Koyama Hiromichi Koyama (SEAL)

Date December 4, 2002 Name of Inventor Koji Sako Koji Sako (SEAL)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_ (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 December 4, 2002 Witness Takashi Tomago

Date December 4, 2002 Witness Koji Tomago

**RECORDED: 12/12/2002**

**PATENT**  
**REEL: 013574 FRAME: 0186**