

04-10-2002

ASSIG



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To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)

- a) Takeo Yamagata  
b) Katsuaki Shimatani

3-27-02

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

- a) Name: ALPS ELECTRIC CO., LTD.  
Address: 1-7 Yukigaya, Otsuka-cho  
Ota-ku, Tokyo  
JAPAN

3. Nature of conveyance

- |                                     |                    |                          |                   |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment         | <input type="checkbox"/> | Merger            |
| <input type="checkbox"/>            | Security Agreement | <input type="checkbox"/> | Change of Name    |
| <input type="checkbox"/>            | Other _____        | <input type="checkbox"/> | License Agreement |

Execution Date: March 6, 2002

4. Application Number(s) or Patent Number(s): 10/043,909

The title of the (new) application is:

DOME-SHAPED CONTACT PLATE GIVING CRISPY FEELING OF CLICK AND SHEET WITH  
CONTACT PLATE

5. Please send all correspondence concerning this (these) documents to:

**Beyer Weaver & Thomas, LLP**  
**P.O. Box 778**  
**Berkeley, CA 94704-0778**  
**Ph: (650) 961-8300**  
**Fax: (650) 961-8301**  
**(Customer Number: 022434)**

6. Total number of applications and patents involved: 1

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




Enclosed

Any additional fees are authorized to be charged to Deposit Account No. 500388  
(Order No. ALPSP059)

8. 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.

Date: March 12, 2002

  
Steve D Beyer

Registration No. 31,234

04/09/2002 6TON11 00000160 10043909

04 FC:561

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Attorney Docket No. ALPSP059

(Revised 12/01)

**PATENT**  
**REEL: 012760 FRAME: 0334**

OFFICE OF THE COMMISSIONER OF PATENTS AND TRADEMARKS  
2002 MAR 27 PM 11:48  
FINANCE SECTION

## ASSIGNMENT

WHEREAS, Takeo Yamagata and Katsuaki Shimatani, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled DOME-SHAPED CONTACT PLATE GIVING CRISPY FEELING OF CLICK AND SHEET WITH CONTACT PLATE, for a full description of which reference is here made to an application for Letters patent of the United States filed on January 11, 2002, and assigned Application No. 10/043,909;

WHEREAS, ALPS ELECTRIC CO., LTD., a corporation organized and existing under the laws of Japan, having a place of business at 1-7 Yukigaya, Otsuka-cho, Ota-ku, Tokyo, Japan, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in exchange for valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States, its territories and possessions, in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, continuations-in-part, divisions, renewals and extensions or reissues of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE: March 6, 2002

Takeo Yamagata  
**Inventor:** Takeo Yamagata

WITNESSED:

DATE: March 6, 2002

Koji Nakamura

DATE: March 6, 2002

Kazumi Oba

DATE: March 6, 2002

Katsuaki Shimatani  
**Inventor:** Katsuaki Shimatani

WITNESSED:

DATE: March 6, 2002

Koji Nakamura

DATE: March 6, 2002

Kazumi Oba