

08-25-2000

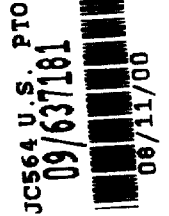


101442090

RECORDATION COVER SHEET
-PATENTS ONLY-

To: Honorable Commissioner of Patents and Trademarks:

MAD 8.11.00



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

- 1. Name of conveying party(ies)
 - a) Hidetaka FURUSHO
 - b) Kazuki SATOU
 - c) Wataru OGUCHI

- 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: August 3, 2000

09/637181

- 4. Application Number(s) or Patent Number(s):

The title of the (new) application is:

CONNECTOR FOR IC CARD, HAVING SHIELDING PLATES

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

Customer Number: 022434
 BEYER WEAVER & THOMAS, LLP
 P.O. Box 130
 Mountain View, CA 94042-0130
 Telephone (650) 961-8300
 Fax (650) 961-8301

- 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. 50-0388 (Order No. ALPSP001)

- 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: August 11, 2000

Steve D Beyer
 Registration No. 31,234

Attorney Docket No. ALPSP001

(Revised 01/96)

PATENT
REEL: 011014 FRAME: 0414

ASSIGNMENT

WHEREAS, Hidetaka Furusho, Kazuki Satou and Wataru Oguchi

hereinafter called the "Assignors", have made the invention described in the United States patent application entitled CONNECTOR FOR IC CARD, HAVING SHIELDING PLATES

executed by Assignors on the same date as this Assignment;

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 consideration of the sum of One Dollar (\$1.00), and other 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 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, divisions, renewals and extensions 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: August 3, 2000

Hidetaka Furusho

Inventor: Hidetaka Furusho

WITNESSED:

DATE: August 3, 2000

Junji Tsuchiya

DATE: August 3, 2000

Kazumi Ohba

DATE: August 3, 2000

Kazuki Satou

Inventor: Kazuki Satou

WITNESSED:

DATE: August 3, 2000

Junji Tsuchiya

DATE: August 3, 2000

Kazumi Ohba

DATE: August 3, 2000

Wataru Oguchi

Inventor: Wataru Oguchi

WITNESSED:

DATE: August 3, 2000

Junji Tsuchiya

DATE: August 3, 2000

Kazumi Ohba