

2.15.05

02-25-2005



102948234
ASSIGNMENT RECORDATION COVER SHEET
-PATENTS ONLY-

112948 U.S. PTO
11/058771
021505

Commissioner of Patents:

Please record the attached document.

1. Name of conveying party:
 - a) Kenetsu MATSUKAWA
 - b) Hirofumi KAWANO
2. Name and address of receiving party:
 - 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: February 9, 2005

4. Application Number or Patent Number:

The title of the application is:

ROTATING TYPE VARIABLE RESISTOR

5. Please send all correspondence concerning this document to:

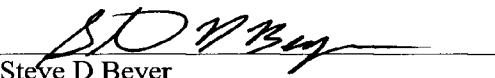
Beyer Weaver & Thomas, LLP
P.O. Box 70250
Oakland, CA 94612-0250
Customer Number: 022434

6. Total number of applications and patents involved: 1

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

- | | |
|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Enclosed. |
| <input type="checkbox"/> | Charge to Deposit Account No. 500388 (Order No. _____). |
| <input checked="" type="checkbox"/> | Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. <u>ALPSP187</u>). |

Date: February 15, 2005


Steve D Beyer
Registration No. 31,234

Total number of pages including this cover sheet, attachments and documents: 03

02/18/2005 SSITHIB1 00000071 11058771

01 FC:8021

40.00 0P

Attorney Docket No. ALPSP187

(Revised 9/03)

PATENT
REEL: 016282 FRAME: 0198

ASSIGNMENT

WHEREAS, Kenetsu Matsukawa and Hirofumi Kawano

hereinafter called the "Assignors", have made the invention described in the United States patent application entitled ROTATING TYPE VARIABLE RESISTOR

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: February 09, 2005

Kenetsu Matsukawa
Inventor: Kenetsu Matsukawa

WITNESSED:

DATE: February 09, 2005

Koji Nakamura

DATE: February 09, 2005

Toshitaka Nakano

DATE: February 09, 2005

Hirofumi Kawano
Inventor: Hirofumi Kawano

WITNESSED:

DATE: February 09, 2005

Koji Nakamura

DATE: February 09, 2005

Toshitaka Nakano

DATE: _____

Inventor:

WITNESSED:

DATE: _____

DATE: _____
