

09-26-2000



MR20 9/7/00

PATENTS ONLY

Attorney Docket No. 9281-3788

TO THE COMMIS

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AND TRADEMARKS

Please record the attached original document or copy thereof.

<p>1. Name of Party(ies) conveying an interest:</p> <p>Munemitsu Abe Eiji Shinohara Masayoshi Esashi</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and Address of Party(ies) receiving an interest:</p> <p>Name: ALPS Electric Co., Ltd. Internal Address: Street Address: 1-7 Yukigaya, Otsuka-cho City: Ota-ku, Tokyo State/Zip: Japan</p> <p>Additional name(s) and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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3. Description of the interest conveyed:

Assignment Change of Name Security Agreement Merger

Other: 09/057435

Execution Date: August 7, 2000

Application number(s) or patent number(s). Additional sheet attached? Yes No

If this document is being filed together with a new application, the execution date of the application is:
August 7, 2000
Date

Patent Application No.(s) Patent No.(s)

Additional numbers attached? Yes No



<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>BRINKS HOFER GILSON & LIONE P.O. BOX 10395 CHICAGO, IL 60610 (312)321-4200</p>	<p>6. Number of applications and patents involved: 1</p> <p>7. Total fee (37 CFR 3.41) \$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to Deposit Account No. 23-1925</p> <p>8. <input checked="" type="checkbox"/> Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.</p>
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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.

Gustavo Siller, Jr.
Name of Person Signing

Signature

9/7/00
Date

Total number of pages including cover sheet, attachments, and document: 3

Rev. Oct-97

09/25/2000 MTHA11 00000281 09657435

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PATENT REEL: 011095 FRAME: 0102

ASSIGNMENT

WHEREAS, Munemitsu Abe, Eiji Shinohara and Masayoshi Esashi

hereinafter called the "Assignors", have made the invention described in the United States patent application entitled GYROSCOPE AND INPUT APPARATUS USING THE SAME

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 and Masayoshi Esashi, a person residing at 1-11-9 Yagiyaminami, Taihaku-ku, Sendai-shi, Miyagi-ken, Japan,

hereinafter called the "Assignees", 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 Assignees is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignees, 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 Assignees, 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 Assignees in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignees may elect to make covering the invention identified above; in vesting in the Assignees 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 Assignees any and all additional papers which may be requested by the Assignees to carry out the terms of this Assignment.

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

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE: August 7, 2000

Munemitsu Abe
Inventor: Munemitsu Abe

WITNESSED:

DATE: August 7, 2000

[Signature]

DATE: August 7, 2000

Masaharu Okudera

DATE: August 7, 2000

Eiji Shinohara
Inventor: Eiji Shinohara

WITNESSED:

DATE: August 7, 2000

Echiro Tuzaha

DATE: August 7, 2000

Masaharu Okudera

DATE: August 7, 2000

Masayoshi Esashi
Inventor: Masayoshi Esashi

WITNESSED:

DATE: August 7, 2000

Echiro Tuzaha

DATE: August 7, 2000

Masaharu Okudera

DATE: _____

Inventor: _____

WITNESSED:

DATE: _____

DATE: _____
