

12-01-1999

PATENTS ONLY
TO

101211671

Attorney Docket No. 9281

PATENTS AND TRADEMARKS

Please record the attached original document or copy thereof.

1 Name of Party(ies) conveying an interest:

Akira Nakano
Sung Chul Kim
Koichi Fukuda
Yasuhiko Kasama
Tadahiro Ohmi
Shoichi Ono

2. Name and Address of Party(ies) receiving an interest:

Name: ALPS Electric Co., Ltd.
Internal Address:
Street Address: 1-7 Yukigaya, Otsuka-cho
City: Ota-ku, Tokyo
State/Zip: Japan

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

Additional name(s) and addresses attached?

☐ Yes ☒ No

3. Description of the interest conveyed:

☒ Assignment☐ Change of Name

Other:

☐ Security Agreement☐ Merger

Execution Date: November 8, 1999

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:

November 8, 1999

Date

Patent Application No.(s)

Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, IL 60610
(312)321-4200

6. Number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)

\$40.00

☒ Enclosed☐ Authorized to be charged to Deposit Account No. 23-19258. ☒ Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

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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.

Michael E. Milz, 34,880
Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 4

Rev. Oct-97

12/01/1999 DNGUYEN 00000087 09442539

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40.00 DP

PATENT
REEL: 010399 FRAME: 0481

ASSIGNMENT

WHEREAS, Akira Nakano, Sung Chul Kim, Koichi Fukuda,
Yasuhiko Kasama, Tadahiro Ohmi and Shoichi Ono
hereinafter called the "Assignors", have made the invention described in the United States patent application entitled Plasma Treatment Equipment and
Impedance Measurement Tool,
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 Tadahiro Ohmi, a person residing at 2-1-17 Komegafukuro, Aoba-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 (\$100), 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: November 8, 1999

Akira Nakano

Inventor: Akira Nakano

WITNESSED:

DATE: November 8, 1999

Kazuhiko Ito

DATE: November 8, 1999

Satoshi Harako

DATE: November 8, 1999

Koichi Fukuda

Inventor: Koichi Fukuda

WITNESSED:

DATE: November 8, 1999

Kazuhiko Ito

DATE: November 8, 1999

Satoshi Harako

DATE: November 8, 1999

Sung Chul Kim

Inventor: Sung Chul Kim

WITNESSED:

DATE: November 8, 1999

Sonoko Iino

DATE: November 8, 1999

Miyumi Iwatsuki

DATE: November 8, 1999

Yasuhiko Kasama

Inventor: Yasuhiko Kasama

WITNESSED:

DATE: November 8, 1999

Kazuhiko Ito

DATE: November 8, 1999

Satoshi Harako

DATE: November 8, 1999

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Tadahiro Ohmi

Inventor: Tadahiro Ohmi

DATE: November 8, 1999

WITNESSED:

DATE: November 8, 1999

DATE: November 8, 1999

Kazuhiko Ito

Satoshi Igarashi

Shoichi Ono

Inventor: Shoichi Ono

DATE: _____

WITNESSED:

DATE: _____

DATE: _____

Inventor:

DATE: _____

WITNESSED:

DATE: _____

DATE: _____

Inventor: