

02-06-2003

HEET

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102358802

To the Honorable Commissioner of Patents and Trademarks, the attached original documents or copy thereof.

1. Name of conveying party(ies):

Kazuhide ABE

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: January 14, 2003

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

Name: Oki Electric Industry Co., Ltd.

Address: 7-12, Toranomom 1-chome, Minato-ku

City: Tokyo State/Prov.:

Country: Japan ZIP:

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: January 14, 2003

Patent Application No.

Filing date

B. Patent No.(s)

NEW

January 29, 2003

01/30/2003 SDIRETA1 00000003 10352871

02 FC:8021

40.00 OP

Additional numbers

☐ Yes ☒ No

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

Name: ADAM C. VOLENTINE

Registration No. 33,289

Address: VOLENTINE FRANCOS, P.L.L.C.

12200 SUNRISE VALLEY DRIVE, SUITE 150

City: RESTON

State/Prov.: VA

Country: U.S.A.

ZIP: 20191

6. Total number of applications and patents involved:

1

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

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

8. Deposit account number:

50-0238

(Attach duplicate copy of this page if paying by deposit account)

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9. 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.

ADAM C. VOLENTINE

Name of Person Signing

Signature

January 29, 2003

Date

2

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box AssignmentsPATENT
REEL: 013720 FRAME: 0550

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Kazuhide ABE

hereinafter referred to collectively as the assignor, has invented a certain improvement relating to METHOD OF FORMING PLUG

[☒] the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

[☐] said application having been filed in the United States Patent and Trademark Office on,

authorization being hereby given to my attorneys, **Raymond C. Jones and**

Adam C. Volentine of VOLENTINE FRANCOS, PLLC, , 12200 Sunrise Vally Drive Suite 150, Reston, Virginia 20191, to insert here in parentheses (Application Serial No. _____) the application serial number of said application when known;

[☐] said application having been filed under the Patent Cooperation Treaty on _____, Serial No. _____, the United States of America being designated.

AND WHEREAS Oki Electric Industry Co., Ltd.

of 7-12, Toranomon 1-chome, Minato-ku, Tokyo, Japan

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, January 14, 2003

WITNESS:

ASSIGNOR:

Signature: Yoshio Sato

Signature: Kazuhide ABE

Name: Kazuhide ABE

VOLENTINE FRANCOS, PLLC