

RECORD

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To the Honorable Commissioner of Patents and Trademarks: Please original documents or copy thereof.

1. Name of conveying party(ies):

Kazuaki YOSHIKE
Shuichi YAMANAKA

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ OtherExecution Date: April 21, 2003

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

Name: Oki Electric Industry Co., Ltd.Address: 7-12, Toranomom 1-chome, Minato-kuCity: Tokyo

State/Prov.: _____

Country: Japan

ZIP: _____

Additional name(s) & address(es)

☐ Yes ☒ No

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

10,452,297

If this document is being filed together with a new application, the execution date of the application is: April 21, 2003

Patent Application No.

Filing date

B. Patent No.(s)

NEW

June 3, 2003

06/04/2003 SSESHE1 00000045 10452297

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Additional numbers

☐ Yes ☒ No

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

Name: ADAM C. VOLENTINERegistration No. 33,289Address: VOLENTINE FRANCOS, P.L.L.C.12200 SUNRISE VALLEY DRIVE, SUITE 150City: RESTONState/Prov.: VACountry: USAZIP: 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

JUNE 3, 2003

Date

3

Total number of pages including cover sheet, attachments, and

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT**WHEREAS** Kazuaki YOSHIKE and Shuichi YAMANAKAhereinafter referred to collectively as the assignor, has invented a certain improvement relating to COF TAPE CARRIER, SEMICONDUCTOR ELEMENT, COF SEMICONDUCTOR DEVICE, AND METHOD FOR MANUFACTURING OF COF SEMICONDUCTOR DEVICE☒ 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, April 21, 2003.**WITNESS:**

Signature: _____

Yoshikazu Takahashi
Yoshikazu TAKAHASHI**ASSIGNOR:**

Signature: _____

Kazuaki Yoshike

Name: _____

Kazuaki YOSHIKE**VOLENTINE FRANCOS, PLLC****PATENT****REEL: 014141 FRAME: 0245**

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

Page 2 of 2

EXECUTED, April . 21, 2003.

WITNESS:

Signature: Hajime Kotaka
Hajime Kotaka

ASSIGNOR:

Signature: Shuichi Yamanaoka
Name: Shuichi YAMANAKA

VOLENTINE FRANCOS, PLLC