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**REC** 

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ket No.: OKI.147

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|---|---|--|--|
| To the Honorable Commissioner of Patents a  | nd Trademarks: Please record the attach                       | ed original documents or copy thereof.             |  |
| 1. Name of conveying party(ies): ASAKAWA, Kazuhiko SHIMIZU, Wataru  |   | TRIC INDUSTRY CO., LTD.                            |  |
|   | Address: 7-12, Tora   | nomon 1-chome, Minato-ku,                          |  |
| Additional names(s) of conveying party(ies)   | Yes 🛛 No  |  |  |
| 3. Nature of conveyance:  |   | 44 14 14 14 14 14 14 14 14 14 14 14 14 1           |  |
| ☑ Assignment  | er  | 09/  |  |
| ☐ Security Agreement ☐ Chan   | ge of Name City: Tokyo  | State/Prov.:                                       |  |
| ☐ Other   | Country: Japan  | ZIP:   |  |
| Execution Date: Jan. 19, 2000   | Additional name(s) & addre                                    | ss(es) ☐ Yes ☒ No                                  |  |
| 4. Application number(s) or registration number   | s(s):   |  |  |
| If this document is being filed together with a   | new application, the execution date of the                    | e application is: Jan. 19, 2000                    |  |
| Patent Application No. Filing date  | B. Patent No.(s   | ;)   |  |
| NEW FEB. 4, 2000  |   |  |  |
|   |   |  |  |
|   |   |  |  |
| ,   | Additional numbers  |  |  |
| 5. Name and address of party to whom corresp concerning document should be mailed:  | ondence 6. Total number of appl                               | lications and patents involved:                    |  |
| Name: ADAM C. VOLENTINE   | 7. Total fee (37 CFR 3.                                       | 41):\$ <u>40.00</u>                                |  |
| Registration No. 33,289   |   | ☑ Enclosed - Any excess or insufficiency should be |  |
| Address: JONES VOLENTINE, LLP   |   | credited or debited to deposit account             |  |
| 12200 SUNRISE VALLEY DRIVE, SUITE 150   | Authorized to be  | charged to deposit account                         |  |
|   | 8. Deposit account nur  | nber:  |  |
| City: RESTON State/Pro  | , ,   |  |  |
| Country: U.S.A. ZIP: 201  |   |  |  |
| 03 FC:581 40.00 OP  | DO NOT USE THIS SPACE   |  |  |
| , 10100.  |   |  |  |
| <ol> <li>Statement and signature.</li> <li>To the best of my knowledge and belief, the<br/>of the original document.</li> </ol> | foregoing information is true and correct of                  |  |  |
| ADAM C. VOLENTINE   | -//   | FEB. 4, 2000                                       |  |
| Name of Person Signing  | Signature er of pages including cover sheet, attachments, and | Date   |  |

**PATENT** 

**REEL: 010555 FRAME: 0351** 

JONES, VOLENTINE, STEINBERG & WHITT, L.L.P. (1/99)

## **ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

|                               | Kazuhiko ASAKAWA and Wataru SHIMIZU   |
|-------------------------------|---|
| Insert Name(s) of Inventor(s) |   |
| or inventor(o)                |   |
|                               | <b>.</b>  |
|                               | and   |
|                               |   |
|                               |   |
|                               | the undersigned hereby sell(s) and assign(s) to   |
| Insert Name(s)                |   |
| of Assignee(s)                | Oki Electric Industry Co., Ltd.   |
| Address                       |   |
| Addies                        | of 7-12, Toranomon 1-chome, Minato-ku, Tokyo, Japan   |
|                               | (hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35  |
|                               | USC 100, in the invention known as  |
|                               |   |
| Title of                      | SEMICONDUCTOR DEVICE AND METHOD OF FABRICATING THE SAME   |
| Invention                     |   |
|                               |   |
|                               | A series has been executed by the undersigned   |
| Date of Signing               | for which an application for patent in the United States of America has been executed by the undersigned  |
| of Application                | January 19,2000   |
|                               | Oil   |
|                               | The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing,  |
|                               | divisional or reissue applications thereof and also to execute separate assignments in connection with  |
|                               | applications as the Assignee may deem necessary or expedient.   |
|                               |   |
|                               | The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the |
|                               | be declared concerning this application or continuation, division of reissue thereof and to ecoperate Assignee in every way possible in obtaining evidence and going forward with such interference.                  |
|                               |   |
|                               | The undersigned agree(s) to execute all papers and documents and perform any act which may be   |
|                               | necessary in connection with claims or provisions of the International Convention for Protection of Industrial  |
|                               | Property or similar agreements.   |
|                               | • •   |
|                               | The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a  |

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The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all

Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed,

valid United States patent to the Assignee.

and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) to Raymond C. Jones, Reg. No. 34,631, Adam C. Volentine, Reg. No. 33,289, Neil A. Steinberg, Reg. No. 34,735 and Stephen R. Whitt, Reg. No. 34,753, members of the firm of JONES, VOLENTINE, STEINBERG & WHITT, L.L.P. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s). Date January 19,2000, Name of Inventor <u>Kazuhiko Asakawa</u>

Kazuhiko ASAKAWA Date January 18, 2000, Name of Inventor Wateru Shimiya
Wataru SHIMIZU Date \_\_\_\_\_\_, Name of Inventor \_\_\_\_ Date \_\_\_\_\_\_, Name of Inventor \_\_\_\_\_ Date , Name of Inventor (Note regarding Witnessing and/or Acknowledgment: Acknowledgment before a United States Consul is preferred but not required. If not acknowledged, then it is recommended that the execution by the Inventor(s) be witnessed by at least two witnesses who sign here. However, the current practice of the U.S. Patent and Trademark Office is to record an Assignment even if it has not been acknowledged and/or witnessed.) **ACKNOWLEDGMENT** This \_\_\_\_\_\_ day of \_\_\_\_\_\_, 19\_\_\_\_, before me personally came the above-named to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth. Official Signature **SEAL** Official Title Applicant Reference No.: \_\_\_\_\_Atty Docket No.: \_\_\_\_\_ Serial No.:\_\_\_\_\_\_Filing Date:\_\_\_\_\_

> PATENT REEL: 010555 FRAME: 0353

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