Docket No.: OKI.544 FORM PTO-1595 (Modified) 06-27-2003 U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) Patent and Trademark Office P08A/REV03 Tab settings → → To the Honorable Director of the United States and Trademark Since. Flease record the attached original documents or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies): Dai IZUMIGUCHI Name: OKI ELECTRIC INDUSTRY CO., LTD. Address: 7-12, Toranomon 1-chome, Minato-ku Additional names(s) of conveying party(ies) ☐ Yes 🔀 No 3. Nature of conveyance: Assignment □ Merger ☐ Security Agreement Change of Name City: Tokyo State/Prov.: Other Country: Japan ZIP: Execution Date: May 22, 2003 Additional name(s) & address(es) ☐ Yes ⊠ No 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: May 22, 2003 Patent Application No. Filing date B. Patent No.(s) NEW June 20, 2003 15822401 06/23/2003 NMEKONEN 00000031 10465871 40.00 OP 03 FC:8021 ☐ Yes 🛛 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: ADAM C. VOLENTINE 7. Total fee (37 CFR 3.41):....\$ 40.00 33,289 Registration No. ☑ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: VOLENTINE FRANCOS, P.L.L.C. Authorized to be charged to deposit account 12200 SUNRISE VALLEY DRIVE, SUITE 150 8. Deposit account number: City: RESTON 50-0238 State/Prov.: VA ZIP: 20191 Country: USA (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. **JUNE 20, 2003** ADAM C. VOLENTINE Name of Person Signing Date Signature Total number of pages including cover sheet, attachments, and

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Dai IZUMIGUCHI
hereinafter referred to collectively as the assignor, has invented a certain improvement
relating to OUTPUT CIRCUIT OF SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE
[x] 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,
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 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 assigner 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 d
EXECUTED, May 22, 2003
WITNESS: ASSIGNOR:
Signature: Ryuta Kuroku Signature: Dai Rumiquehi Name: Dai IZUMIGUCH

VOLENTINE FRANCOS, PLLC

RECORDED: 06/20/2003

PATENT REEL: 014205 FRAME: 0943