| Form PTO-1595<br>(Rev. 03/01)   | MERCE k Office   |  |  |  |
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| OMB No. 0651-002 (exp 5/3 /2002) PATENT   | 3 011  |  |  |  |
| Tab settings  | 102792766  Atty Docket: 31869-203854   |  |  |  |
| To the Honorable Commissioner of Patents and Trademarks:  | Please Record the attached original documents or copy thereof.   |  |  |  |
| 1. Name of conveying party(ies) Nobuyuki NAKAMURA Youiti KADO  Additional name of conveying party(ies) attached? ☐ Yes ☒ No   | Name and address of receiving party(ies)  Name: Oki Electric Industry Co., Ltd.  Internal Address:   |  |  |  |
| 3. Nature of conveyance:  | Street Address: 7-12, Toranomon 1-chome, Minato-ku,  |  |  |  |
|   | City: <u>Tokyo</u> State/Country: <u>Japan</u>   |  |  |  |
| Other  Execution Date: April 23, 2004   | Zip:<br>Additional Name(s) & address(es) attached? ☐ Yes ☒ No  |  |  |  |
| Application number(s) or patent number(s):  |  |  |  |  |
| If this document is being filed together with a new application, the exect A. Patent Application No.(s)  10/845,199   | cution date of the application by the first named inventor is:<br>B. Patent No.(s)   |  |  |  |
| Additional numbers att  | ached? ☐ Yes ☒ No  |  |  |  |
| Name and address of party to whom correspondence concerning this document should be mailed:   | 6. Total number of applications and patents involved: 1  |  |  |  |
| 26694   | 7. Total fee (37 CFR 3.41) \$ 40.00  |  |  |  |
| PATENT TRADEMARK OFFICE   | ⊠ Enclosed   |  |  |  |
| Name: VENABLE LLP   | Authorized to be charged to deposit account  |  |  |  |
| Address: P.O. Box 34385   | 8. Deposit account number:  22-0261  |  |  |  |
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| 9. Statement and signature. To the best of my knowledge and belief, the foregoing informis a true copy of the original document.  Michael A. Sartori., Ph.D. Reg. No. 41,289 Name of Person Signing | nation is true and correct and any attached copy  Tuly 13, 204—  Signature  Date   |  |  |  |
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Washington, D.C. 20231

PC Docs No. 563047

Attorney Reference \_\_\_\_\_

| ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT  |  |  |  |  |
|---|--|--|--|--|
| WHEREAS Nobuyuki NAKAMURA and Youiti KADO   |  |  |  |  |
| ereinafter referred to collectively as the assignor, has invented a certain improvement elating toCOMMUNICATION_TERMINAL_AND_COMMUNICATION_NETWORK  |  |  |  |  |
| ] the inventor(s) declaration for said application being executed concurrently with the execution of this enstrument; said application to be filed in the United States Patent and Trademark Office; x ] said application having been filed in the United States Patent and Trademark Office on   |  |  |  |  |
| , authorization being hereby given to my attorneys, George H. Spencer, Robert J. Frank, lorman N. Kunitz, Gabor J. Kelemen, John W. Schneller, Marina V. Schneller, Robert Kinberg, Allen Vood, Ashley J. Wells, Richard D. Schmidt, James R. Burdett, Michael A. Gollin, Leo J. Jennings, Catherine M. Voorhees, Gary L. Shaffer, G. Abe Zachariah, Julie A. Petruzzelli, Catherine A. Ferguson, Michael A. Sartori, Fei-Fei Chao, Charles C. P. Rories and Jeffrey W. Gluck, of VENABLE, Post Office 30x 34385, Washington, D.C. 20043-9998, 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 raluable consideration paid by said assignee to said assigner, the receipt of which is hereby acknowledged, asid assigner 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, includi |  |  |  |  |
| EXECUTED, 17pril 23 , 2004.   |  |  |  |  |
| WITNESS: ASSIGNOR:  |  |  |  |  |
| Signature: Shiger Fulcancya Signature: Nobuyuki Nakamura  Shigeru FUKUNAGA Name: Nobuyuki NAKAMURA  |  |  |  |  |
| SILIGELU FUKUNAGA Name: <u>Nobuyuki NAKAMUKA</u>  |  |  |  |  |
|   |  |  |  |  |

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PATENT REEL: 015561 FRAME: 0676

## ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT Page 2 of 2

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|            | EXECUTED,April  | 23         |                      | , 2004. |
|------------|-----------------|------------|----------------------|---------|
| WITNESS:   |                 | ASSIGNOR:  |                      |         |
| Signature: | Shigen Fukunaga | Signature: | Gonti<br>Youiti KADO | Kad     |

**VENABLE** 

**RECORDED: 07/13/2004** 

PATENT REEL: 015561 FRAME: 0677