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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office Docket No. 030712-52

| | Aal documents or copy thereof. |
|---|---|
| 1. Name of conveying parties: | 2. Name and address of receiving party(ies) |
| (1) Yutaka OKA | Name: Oki Electric Industry Co., Ltd. |
| | Street Address: 7-12, Toranomon 1-chome, |
| Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No | City: Minato-ku State: Tokyo Zip: |
| 3. Nature of conveyance: □ Assignment □ Merger | |
| | Country: Japan Postal Code: |
| □ Other | Additional name(s) & address(es) attached? Yes No |
| Execution Date(s): | |
| 1 st Inventor: April 19, 2005 | |
| 4. Application number(s) or patent number(s); | |
| If this document is being filed together with a new application | |
| A. Patent Application No.(s) 11/049,298 | B. Patent No.(s) |
| Additional numbers attached? ☐ Yes ☐ No | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: 1 |
| Attorney Name: Donald R. Studebaker | 7. Total fee (37 CFR 3.41)\$40.00 |
| Auomey Name. Donald R. Studebaker | ☐ Enclosed |
| Firm Name: Nixon Peabody LLP | ☑ Authorized to be charged to deposit account |
| Internal Address: Suite 900 | Authorized to be charged to deposit account |
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| Donald R. Studebaker | May 2, 2005 Signature Date |
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PATENT REEL: 016515 FRAME: 0321

ASSIGNMENT

Attorney Docket No. 030712-52

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to Oki Electric Industry Co., Ltd. of 7-12, Toranomon 1-chome, Minato-ku, Tokyo, Japan representatives all my rights, title and interest, in and for the United States of America, in and to

REDUNDANCY RELIEVING CIRCUIT

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefore, filed on February 3, 2005 and assigned Application No. 11/049,298 and all United States Letters Patent which may be granted therefore, and all divisions, continuations, reissues, reexaminations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Oki Electric Industry Co., Ltd., its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said

Oki Electric Industry Co., Ltd.

(Full Name) (Signature)

1. Date: Lyril 19.2005. Inventor: Yutaka OKA Jutika Oka

Residence: Same as Post Office Address Citizenship: Japanese

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2. Date: Inventor:

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3. Date: Inventor:

Residence: Same as Post Office Address Citizenship:

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Witness(es)

(All) Satoshi Sazuki 1) 2) 4)

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RECORDED: 05/02/2005

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