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Tetsuya Takahashi

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3. Nature of conveyance/Execution Date(s):

Execution Date(s) March 2, 2006

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Sanken Electric Co., Ltd.

Internal Address: _____

Street Address: 6-3, Kitano 3-chome, Niiza-shi

City: Saitama

State: _____

Country: Japan

Zip: 352-8666

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Gregory D. DeGrazia

Internal Address: Howard & Howard Attorneys, P.C.

The Pinehurst Office Center, Suite 101

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State: Michigan

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Fax Number: 248.645.1568

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6. Total number of applications and patents involved: one

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

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9. Signature:

Gregory D. DeGrazia
Signature

March 31, 2006

Date

Gregory D. DeGrazia

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

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PATENT
REEL: 017716 FRAME: 0022

ASSIGNMENT
(Sole Inventor)

WHEREAS, I, **Tetsuya TAKAHASHI**, (hereinafter referred to as Assignor), residing at **Saitama, Japan** have invented new and useful improvements in:

SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD THEREOF

which is set forth in an application for Letters Patent filed on March 31, 2006 in the United States having Application Serial No. Herewith, and Attorney Docket No. 60,233-029.

AND WHEREAS, **SANKEN ELECTRIC CO., LTD.** (hereinafter referred to as Assignee), of **6-3, Kitano 3-chome, Niiza-shi, Saitama 352-8666, Japan**, is desirous of acquiring the entire right, title and interest in and to said invention and said Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor has assigned, sold and set over, and by these presents assign, sells and sets over unto the Assignee, its successors, legal representatives and assigns, for the territory of the United States of America and all foreign countries, the entire right, title and interest in and to said invention, said application for Letters Patent, including the right to file foreign patent applications corresponding to said application, and the right to claim the priority date of said United States patent application and any legal equivalents thereof, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and to any and all divisions, continuations, and continuations-in-part of said application, or re-issues or extensions of said Letters Patent or Patents prepared and executed by Assignor on even date herewith, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignor had this Assignment and sale not been made.

AND the Assignor hereby covenants and agrees that the Assignor will at any time upon

the request and at the expense of the Assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and the Assignor hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to the said Assignee in accordance with this Agreement.

Dated: 03/02/2006

Tetsuya TAKAHASHI
Tetsuya TAKAHASHI

Please address all correspondence and telephone calls and, upon recordation, please return this document to:

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