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United States Patent and Trademark Office102947030
PATENT

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):Yasumichi MORI (01/20/2005), Takahiko
YOSHIMOTO (01/20/2005), Masahiko
WATANABE (01/20/2005), Shinsuke ANZAI

Execution Date(s): in parentheses after inventor name

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No**2. Name and address of receiving party(ies)**

Name: SHARP KABUSHIKI KAISHA

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City: Osaka-shi

State: Osaka

Country: JAPAN Zip: 545-8522

Additional name(s) & address(es) attached: ☐ Yes ☒ No**3. Nature of Conveyance:**☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other**4. Application or patent number(s):**

A. Patent Application No.(s)

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

B. Patent No.(s)

Additional numbers attached?

☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Charles D. Holland
MORRISON & FOERSTER LLP

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6. Total number of applications and patents involved:

1

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)

8. Payment Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 03-1952
Authorized User Name Charles D. Holland**9. Signature:**

Signature

February 9, 2005

Date

Charles D. Holland - 35,196

Name of Person Signing

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

4

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PATENT
REEL: 016276 FRAME: 0398

RECORDATION FORM COVER SHEET
(continued)

Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Takeshi NOJIMA (01/20/2005), and Munetaka MASAKI (01/21/2005)

Additional Assignees (2. Continued):

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address: _____

Street Address: _____

City: _____ State: _____ Country: _____ Zip: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers

4A. Continued:

Additional Patent Numbers

4B. Continued:

Additional numbers attached?

☐ Yes☐ No

ATTORNEY DOCKET NO.

ASSIGNMENT

Application No. _____

Filed _____

**Insert Name(s)
of Inventor(s)** →

WHEREAS, Yasumichi MORI

Takahiko YOSHIMOTO

Masahiko WATANABE

Shinsuke ANZAI

Takeshi NOJIMA

Munegaka MASAKI

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in

**Insert Title
of Invention** →

BIAS VOLTAGE APPLYING CIRCUIT AND SEMICONDUCTOR MEMORY
DEVICE

for which an application for Letters Patent of the United States of America has been executed by the undersigned

**Insert Date
of Signing of
Application** →

on _____; and

**Insert Name
of Assignee** →

WHEREAS, SHARP KABUSHIKI KAISHA

**Insert Address
of Assignee** →

of 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 Japan

CHECK BOX
IF APPROPRIATE →

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and

☒ in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents does sell, assigned and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

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 such 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 or Letters Patent(s) or reissue patent issue thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the 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 valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of **Morrison & Foerster LLP** 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Date January 20, 2005, Name of Inventor Yasumichi Mori
Yasumichi MORI

Date January 20, 2005, Name of Inventor Takahiko Yoshimoto
Takahiko YOSHIMOTO

Date January 20, 2005, Name of Inventor Masahiko Watanabe
Masahiko WATANABE

Date January 20, 2005, Name of Inventor Shinsuke Anzai
Shinsuke ANZAI

Date January 20, 2005, Name of Inventor Takeshi Nojima
Takeshi NOJIMA

Date January 21, 2005, Name of Inventor Munetaka Masaki
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