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PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE
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10729334

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

Koji HAMAGUCHI

12-5-03

Additional name(s) of conveying party(ies) attached?

☐ Yes☒ No

2. Name and address of receiving party(ies)

Name: SHARP KABUSHIKI KAISHA

Internal Address:

Street Address:

22-22, Nagaike-cho
Osaka

City: Abeno-ku

Country: Japan

Zip: 545-8522

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

3. Nature of Conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: November 11, 2003

4. Application number(s) or patent number(s):

16729334

If this document is being filed together with a new application, the execution date of the new application is: November 11, 2003

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached?

☐ Yes☒ No

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

Name: Alan S. Hodes

MORRISON & FOERSTER LLP

Internal Address: Atty. Dkt.: 559502000300

Street Address:

755 Page Mill Road

City:

Palo Alto

State:

CA

Zip:

94304

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41)

\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account☐ Authorized to be charged to credit card
(Form 2038 enclosed)

8. Deposit account number:

03-1952

(Attach duplicate copy of this page if paying by deposit account)

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9. 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.

Alan S. Hodes - 38,185

Name of Person Signing

Signature

December 5, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 3

12/15/2003 LNUELLER 00000001 031952 10729334

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40.00 BA

PA-841394

PATENT
REEL: 014776 FRAME: 0730

ATTORNEY DOCKET NO.

ASSIGNMENT

Application No. _____

Filed _____

Insert Name(s)
of Inventor(s) →

WHEREAS, Koji Hamaguchi

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

Insert Title
of Invention →

SEMICONDUCTOR MEMORY DEVICE AND METHOD FOR CORRECTING
MEMORY CELL DATA

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, 545-8522, Japan

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

CHECK BOX
IF APPROPRIATE →

☒ 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.

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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 November 11, 2003, Name of Inventor Koji Hamaguchi
Koji Hamaguchi

Date _____, Name of Inventor _____

Date _____, Name of Inventor _____

Date _____, Name of Inventor _____

Date _____, Name of Inventor _____

Date _____, Name of Inventor _____