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501.36372X00

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

1. Name of conveying party(ies):

Ryuji SHIBATA

Shigeru SHIMADA

Additional name(s) of conveying party(ies) attached? □ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

□ Merger

□ Security Agreement

□ Change of Name

□ Other _____

Execution Date: June 25, 1998

2. Name and address of receiving party(ies)

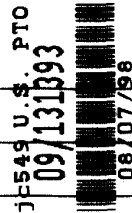
Name: Hitachi LTD

Internal Address: _____

Street Address: 6, Kanda Surugadai 4-Chome

Chiyoda-Ku, Tokyo Japan

City: _____ State: _____ ZIP: _____

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

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

09/131393

If this document is being filed together with a new application, the execution date of the application is: June 25, 1998

A. Patent Application No.(s)

09/13/1998 PULLEN 00000019 012135 09131393

05 FC:501

40.00 CN

B. Patent No.(s)

Additional numbers attached? □ Yes ☒ No

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

Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP

Internal Address: _____

Street Address: 1300 NORTH SEVENTEENTH STREET

SUITE 1800

City: ARLINGTON State: VA ZIP: 22209

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

8. Deposit account number:

01-2135

(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.

Gregory E. Montone

Name of Person Signing 28,141

Signature

August 7, 1998

Date

Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 9387 FRAME: 0267

ASSIGNMENT

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 Hitachi, Ltd.
of Chiyoda-ku, Tokyo, Japan
its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

METHOD OF DESIGNING SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE AND SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE

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 therefor, executed by me even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi, Ltd.

Hitachi, 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 Hitachi, Ltd.

- | | (Full Name) | (Signature) |
|--|------------------------|-------------|
| 1) Date <u>June 25, 1998</u> Inventor <u>Ryuji SHIBATA</u> | <u>Ryuji SHIBATA</u> | |
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| 2) Date <u>June 25, 1998</u> Inventor <u>Shigeru SHIMADA</u> | <u>Shigeru SHIMADA</u> | |
| Residence <u>Same as Post Office Address</u> Citizenship <u>Japan</u> | | |
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| 3) Date _____ Inventor _____ | | |
| Residence _____ Citizenship _____ | | |
| Post Office Address _____ | | |
| 4) Date _____ Inventor _____ | | |
| Residence _____ Citizenship _____ | | |
| Post Office Address _____ | | |
| 5) Date _____ Inventor _____ | | |
| Residence _____ Citizenship _____ | | |
| Post Office Address _____ | | |

Witness(es)

All) _____ 2) Satoshi Oguchi 4) _____

1) Satoshi Oguchi 3) _____ 5) PATENT

RECORDED: 08/07/1998

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