

09-19-2000

H-710



101463173

8-25-00



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

Name of Party(ies) conveying an interest:

Sumito NUMAZAWA; Yoshito NAKAZAWA;
Masayoshi KOBAYASHI; Satoshi KUDO;
Yasuo IMAI; Sakae KUBO;
Takashi SHIGEMATSU; Akihiro OHNISHI;
Kozo UESAWA; Kentaro OISHI

2. Name and Address of Party(ies) receiving an interest:

HITACHI, LTD.
6, Kanda Surugadai 4-chome
Chiyoda-ku, Tokyo, JAPAN and
HITACHI ULSI Systems Co., Ltd.
Kodaira-shi, Tokyo, JAPAN

3. Description of the interest conveyed: Assignment

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

Additional sheet attached? XXX Yes XXX No

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

DATE

A. Patent Application No.(s)

B. Patent No.(s)

09/137,508

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

John R. Mattingly
Mattingly, Stanger & Malur, P.C.
104 East Hume Avenue
Alexandria, Virginia 22301

6. Number of applications and patents involved: One

7. Amount of fee enclosed or authorized to be charged: \$40.00

8. The Commissioner is hereby authorized to charge Deposit Account No. 50-1417 if no check is attached.

DO NOT USE THIS SPACE

09/19/2000 GTON11 00000129 09137508

01 FC:581

40.00 OP

9. Execution date of attached document: July 6, 1998

10. To the best of my knowledge and belief, I declare under penalty of perjury under the laws of the United States of America that the foregoing information is true and correct and that any attached copy is a true copy of the original document.

Daniel J. Stanger

Name of Person Signing

Daniel J. Stanger
Signature

August 25, 2000

Date

Total number of pages being submitted: 3

PATENT
REEL: 011068 FRAME: 0101

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. & Hitachi ULSI Systems Co., Ltd. of Chiyoda-ku, Tokyo, Japan & Kodaira-shi, 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 FABRICATING SEMICONDUCTOR 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 ULSI Systems 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 Hitachi, Ltd. & Hitachi ULSI Systems Co., Ltd.

- | | | (Full Name) | (Signature) |
|----|---|-------------------------------------|----------------------------|
| 1) | Date <u>July 6, 1998</u> | Inventor <u>Sumito NUMAZAWA</u> | <u>Sumito Numazawa</u> |
| | Residence <u>Same as Post Office Address</u> | Citizenship <u>Japan</u> | |
| | Post Office Address <u>11, Shimotaki-machi, takasaki-shi, Gunma, Japan</u> | | |
| 2) | Date <u>July 6, 1998</u> | Inventor <u>Yoshito NAKAZAWA</u> | <u>Yoshito Nakazawa</u> |
| | Residence <u>Same as Post Office Address</u> | Citizenship <u>Japan</u> | |
| | Post Office Address <u>145-3, Nishiyokote-machi, Takasaki-shi, Gunma, Japan</u> | | |
| 3) | Date <u>July 6, 1998</u> | Inventor <u>Masayoshi KOBAYASHI</u> | <u>Masayoshi Kobayashi</u> |
| | Residence <u>Same as Post Office Address</u> | Citizenship <u>Japan</u> | |
| | Post Office Address <u>805-13, Nakatoyooka-machi, Takasaki-shi, Gunma, Japan</u> | | |
| 4) | Date <u>July 6, 1998</u> | Inventor <u>Satoshi KUDO</u> | <u>Satoshi Kudo</u> |
| | Residence <u>Same as Post Office Address</u> | Citizenship <u>Japan</u> | |
| | Post Office Address <u>1377-18, Kamishinden-machi, Maebashi-shi, Gunma, Japan</u> | | |
| 5) | Date <u>July 6, 1998</u> | Inventor <u>Yasuo IMAI</u> | <u>Yasuo IMAI</u> |
| | Residence <u>Same as Post Office Address</u> | Citizenship <u>Japan</u> | |
| | Post Office Address <u>570-3-208, Kaminakai-machi, Takasaki-shi, Gunma, Japan</u> | | |
| 6) | Date <u>July 6, 1998</u> | Inventor <u>Sakae KUBO</u> | <u>Sakae Kubo</u> |
| | Residence <u>Same as Post Office Address</u> | Citizenship <u>Japan</u> | |
| | Post Office Address <u>145-3, Nishiyokote-machi, Takasaki-shi, Gunma, Japan</u> | | |

- 7) Date July 6, 1998 Inventor Takashi SHIGEMATSU Takashi Shigematsu
 Residence Same as Post Office Address Citizenship Japan
 Post Office Address 1-5-304, Himono-cho, Takasaki-shi, Gunma, Japan
- 8) Date July 6, 1998 Inventor Akihiro OHNISHI Akihiro Ohnishi
 Residence Same as Post Office Address Citizenship Japan
 Post Office Address 338-3, Miyako-machi, Isesaki-shi, Gunma, Japan
- 9) Date July 6, 1998 Inventor Kozo UESAWA Kozo Uesawa
 Residence Same as Post Office Address Citizenship Japan
 Post Office Address 303-1, Shimoshinden, Tamamura-machi, Sawa-gun, Gunma, Japan
- 10) Date July 6, 1998 Inventor Kentaro OISHI Kentaro Oishi
 Residence Same as Post Office Address Citizenship Japan
 Post Office Address 11, Shimotaki-machi, Takasaki-shi, Gunma, Japan

Witness(es)

- All) _____ 4) Yobuo Machida 8) Hiokazu Ueshi
- 1) Hitoshi Takeuchi 5) Hitoshi Seshimo 9) Tomohiko Matsushita
 2) Eiji Nakamoto 6) Serge Nagashima 10) Tetsuo Uchiyama
 3) Hideki Yasuda 7) Tomohi Tanabe