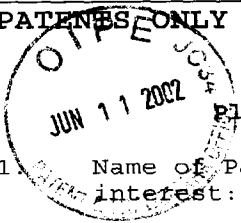


PATENT ONLY (ref OG 7/28/92)



*C*



102124509

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

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

Takao MATSUURA  
 Yoshihiko YAMAGUCHI  
 Shouichi KOBAYASHI  
 Kouji TSUCHIYA

HITACHI, LTD.  
 6, Kanda Surugadai 4-chome  
 Chiyoda-ku, Tokyo, JAPAN

HITACHI YONEZAWA ELECTRONICS CO., LTD.  
 3-3274, Aza Yagihashi Higasi, Oaza Hanazawa  
 Yonezawa-shi, Yamagata, JAPAN

*6-11-02*

- 3. Description of the interest conveyed: CORRECTED ASSIGNMENT adding second assignee  
Original recordation date 02/21/02  
Reel/frame 012601/0234
- 4. Application number(s) or patent number(s).

Additional sheet attached?  Yes  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) 09/733,929
- B. Patent No.(s)

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

John R. Mattingly  
 Mattingly, Stanger & Malur, P.C.  
 1800 Diagonal Road, Suite 370  
 Alexandria, Virginia 22314

- 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.

06/14/2002 00000037 09733929  
 01 FC:581 40.00 DP

DO NOT USE THIS SPACE

- 9. Execution date of attached document: November 6, 2000
- 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.

Shrinath Malur  
 Name of Person Signing  
 Total number of pages being submitted: 2

*[Signature]*  
 Signature

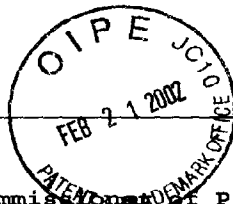
June 11, 2002  
 Date

02-27-2002



101994081

/28/92)



2.21.02 H-957 D4

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

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

Takao MATSUURA, Yoshihiko YAMAGUCHI  
Shouichi KOBAYASHI  
Kouji TSUCHIYA

HITACHI, LTD.  
6, Kanda Surugadai 4-chome  
Chiyoda-ku, Tokyo, JAPAN

3. Description of the interest conveyed: Assignment

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

Additional sheet attached?  Yes  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)

09/733,929

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

John R. Mattingly  
Mattingly, Stanger & Malur, P.C.  
1800 Diagonal Road, Suite 370  
Alexandria, Virginia 22314

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

9. Execution date of attached document: November 6, 2000

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.

Shrinath Malur  
Name of Person Signing  
Total number of pages being submitted: 2

Signature

February 21, 2002  
Date

02/26/2002 LWELLER 00000140 09733929

01 FC:581

40.00 DP

# ASSIGNMENT

( 譲渡証 )

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by HITACHI, LTD. and Hitachi Yonezawa Electronics Co., Ltd., corporations organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, and 3-3274, Aza Yagihashi Higashi, Oaza Hanazawa, Yonezawa-shi, Yamagata, Japan, respectively, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD. and Hitachi Yonezawa Electronics Co., Ltd., their successors and assigns, all my right, title and interest, in and for the United States of America, in and to

## A SEMICONDUCTOR DEVICE AND A METHOD OF MANUFACTURING THE SAME

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 on 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. and Hitachi Yonezawa Electronics Co., Ltd., their successors, assigns or other legal representatives, to the full end of 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. and Hitachi Yonezawa Electronics Co., Ltd.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)

(発明者フルネームサイン)

Date Signed

(署名日)

1) Takao Matsuura (Takao MATSUURA)

6/November/2000

2) Yoshihiko Yamaguchi (Yoshihiko YAMAGUCHI)

6/November/2000

3) Shouichi Kobayashi (Shouichi KOBAYASHI)

6/November/2000

4) Kouji Tsuchiya (Kouji TSUCHIYA)

6/November/2000

5) \_\_\_\_\_

\_\_\_\_\_

6) \_\_\_\_\_

\_\_\_\_\_

7) \_\_\_\_\_

\_\_\_\_\_

8) \_\_\_\_\_

\_\_\_\_\_

9) \_\_\_\_\_

\_\_\_\_\_

10) \_\_\_\_\_

\_\_\_\_\_