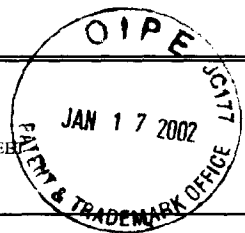


B/O FORM PTO 1595 (1/31/92)  
Patent and Trademark Office  
RECORDATION FORM COVER SHEET  
PATENTS ONLY



1/17/02

U.S. Department of

01-23-2002



101955972

ASAM.0032

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

1. *Name of Conveying Party(ies):*  
**(1) Nobuharu KOBAYASHI, (2) Masanobu KAWAMURA,  
(3) Toru ISHIDA, (4) Masato MOMII and (5) Naoki FUJITA**

Additional names of conveying parties attached

2. *Name and Address of Receiving Party(ies):*

Name: **HITACHI, LTD.**  
**6, Kanda Surugadai 4-chome  
Chiyoda-ku, Tokyo, Japan**

3. *Nature of Conveyance:*

- Assignment                       Merger  
 Security Agreement               Change of Name  
 Other:

Execution Dates (1) November 12, 2001; (2) December 3, 2001, (3)(4)(5) November 28, 2001

And

**HITACHI HOKKAI  
SEMICONDUCTOR, LTD.  
Aza Nakajima 145, Nanae-cho  
Kameda-gun, Hokkaido 041-11  
Japan**

4. *(a) Patent Application Number(s):*

10/000,034

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

Date

Additional Numbers Attached.

4. *(b) Patent Numbers:*

5. *Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:*

Name: **Stanley P. Fisher**  
  
Address: **Reed Smith LLP  
3110 Fairview Park Dr.  
Suite 1400  
Falls Church, Va. 22042**

6. *Total Number of Applications and Patents Involved:* 1

7. *Total Fee:* **\$40.00**  
(37 C.F.R. § 3.41)

- Enclosed.  
 Authorized to be charged to deposit account.

8. *Deposit Account Number:*  
08-1480

ATTACH DUPLICATE COPY OF THIS PAGE IF PAYING BY DEPOSIT ACCOUNT

DO NOT USE THIS SPACE

9. *Statement and Signature:*

*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.*

January 17, 2002

Stanley P. Fisher, Registration No. 24,344

**JUAN CARLOS A. MARQUEZ**  
Registration No. 24,072

Total number of pages comprising cover sheet:

01/22/2002 AAHMED1 00000192 10000034

01 FC:581

40.00 OP

E639-11 AH

# ASSIGNMENT

(讓渡証)

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to Nobuharu KOBAYASHI, Masanobu KAWAMURA, Toru ISHIDA, Masato MOMII, and Naoki FUJITA,

citizens of Japan by HITACHI, LTD., and Hitachi Hokkai Semiconductor, Ltd., corporations organized under the laws of Japan,

located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, and 145, Aza Nakajima, Nanaecho, Kameda-gun, Hokkaido, Japan, respectively,

receipt of which is hereby acknowledged, we, the said Nobuharu KOBAYASHI, Masanobu KAWAMURA, Toru ISHIDA, Masato MOMII, and Naoki FUJITA,

do hereby sell and assign to said HITACHI, LTD., and Hitachi Hokkai Semiconductor, Ltd.,

their successors and assigns, all our right, title and interest, in and for the United States of America, in and to SEMICONDUCTOR DEVICE AND DATA PROCESSING SYSTEM

invented by us 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 Hokkai Semiconductor, 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 us if this assignment and sale had not been made;

And we hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said 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 we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said HITACHI, LTD., and Hitachi Hokkai Semiconductor, 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) Nobuharu Kobayashi  
Nobuharu KOBAYASHI

12 / November / 2001

2) Masanobu Kawamura  
Masanobu KAWAMURA

31 December / 2001

3) Toru Ishida  
Toru ISHIDA

Nov / 28 / 2001

4) Masato Momii  
Masato MOMII

28 / November / 2001

5) Naoki Fujita  
Naoki FUJITA

28 / November / 2001

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

\_\_\_\_\_

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

\_\_\_\_\_

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

\_\_\_\_\_

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

\_\_\_\_\_

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

\_\_\_\_\_