

A/D581-40  
02-16-2000OVER SHEET  
ONLY09/445964  
Docket No.: 501,578,73X00U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

To the Honorable Commissioner

101268788

and the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Goro KITSUKAWA, Toshitsugu UEDA, Manabu  
ISHIMATSU, Michihiro MISHIMA

## 2. Name and address of receiving party(ies):

Name: Hitachi, Ltd.

Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku

City: Tokyo:

Country: Japan

Additional name(s) & address(es) attached? ☐ Yes ☒ NoAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: November 1, 1999; October 20, 25,26, 1999

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

If this document is being filed together with a new application, the execution date of the application is: November 1, 1999  
October 20,25,26, 1999

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: ANTONELLI, TERRY, STOUT &amp; KRAUS, LLP

Internal Address:

Street Address: 1300 North Seventeenth Street

12/27/1999 MCLAYBRB 00000004 09445964  
Suite 1800

04 FC:581

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  
☒ Any deficiencies may be charged to deposit account  
☐ 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

Attorney Registration No. 28,141

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

Signature

December 16, 1999

Date

OMB No. 0651-0011 (exp. 4/94)

# 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 ULSI Systems Co., Ltd., corporations organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, and 22-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo, Japan, respectively, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD. and Hitachi ULSI Systems Co., Ltd., their successors and assigns, all my right, title and interest, in and for the United States of America, in and to

## SEMICONDUCTOR MEMORY

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 owner ship of the said Letters Patent when granted, to be held and enjoyed by said HITACHI, LTD. and Hitachi ULSI Systems 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 ULSI Systems 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) <u>Goro Katsukawa</u>    | (Goro KITSUKAWA)    | <u>1/November/1999</u> |
| 2) <u>Toshitsugu Ueda</u>   | (Toshitsugu UEDA)   | <u>20/October/1999</u> |
| 3) <u>Manabu Ishimatsu</u>  | (Manabu ISHIMATSU)  | <u>25/October/1999</u> |
| 4) <u>Michihiro Mishima</u> | (Michihiro MISHIMA) | <u>26/Oct/1999</u>     |
| 5) _____                    |                     | _____                  |
| 6) _____                    |                     | _____                  |
| 7) _____                    |                     | _____                  |
| 8) _____                    |                     | _____                  |
| 9) _____                    |                     | _____                  |
| 10) _____                   |                     | _____                  |