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

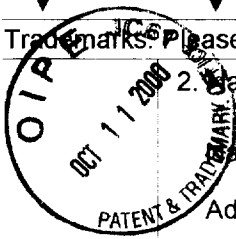
1. Name of conveying party(ies):

Akira Sudo

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

Name: Kabushiki Kaisha Toshiba

Address: Kanagawa-ken



10-11-00

Additional names(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

City: Kawasaki-shi

State/Prov.:

Country: Japan

ZIP:

Execution Date: 07/17/00

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

4. Application number(s) or registration numbers(s):

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

Patent Application No.

Filing date

B. Patent No.(s)

FIS-00-0025

Filing Date: 06/22/00

Serial No.: 09/599,261

Additional numbers attached? ☐ Yes ☐ No

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

Name: Frederick W. Gibb, III

Registration No. 37,629

Address: McGinn &amp; Gibb, P.C.

1701 Clarendon Boulevard

Suite 100

City: Arlington

State/Prov.: VA

Country: USA

ZIP: 22209

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☒ Authorized to be charged to deposit account

8. Deposit account number:

09-0458

(FI-456)

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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.

Ira D. Blecker, Esq. (845-894-2580)

Name of Person Signing

Signature

Oct 6, 2000

Date

Total number of pages including cover sheet, attachments, and document: 3

PATENT

REEL: 011223 FRAME: 0965

## ASSIGNMENT

Whereas, we

Inventor  
and City (5) Akira Sudo  
County of Dutchess

City of Poughkeepsie  
and State of New York

have invented certain improvements in

Title **PEDESTAL COLLAR STRUCTURE FOR  
HIGHER CHARGE RETENTION TIME IN TRENCH-TYPE DRAM CELLS**

and have executed, respectively, a United States patent application therefor on

Dates That  
Inventors  
Signed the  
Declaration (5) 7/17 2000,

Whereas, KABUSHIKI KAISHA TOSHIBA, having a place of business at Kawasaki-Shi, Kanagawa-Ken, Japan, desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we the above named hereby sell, assign, and transfer to Assignee, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in said application to Assignee, its successors and assigns; and we hereby agree that Assignee may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by Assignee.

City (5) Signed at Poughkeepsie, New York  
Date on July 17, 2000

Akira Sudo 7/17/00 signature  
(Akira Sudo) inventor  
First Name Middle Initial Last Name