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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):

- (1) SHUICHIRO AZUMA,
- (2) MASAHIRO MATSUMOTO,
- (3) TAKAYUKI OKINAGA,
- (4) SHIGERU TAKEMURA,
- (5) YOSHIYUKI KIMATA AND
- (6) TAKAYUKI KISHIMOTO

Additional names of conveying parties attached: Yes No

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

Name: **Hitachi ULSI Systems Co., Ltd.**
 Address: 22-1, Josuihoncho 5-chome,
 Kodaira-shi, Tokyo, 187-8522
 Japan

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other:

Execution Dates (1)-(4) **December 19, 2005**
 (5)(6) **December 21, 2005**

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

10/563,252

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

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**

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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.

Stanley P. Fisher, Registration No. 24, 344

January 10, 2008

Juan Carlos A. Marquez, Registration No. 34,072

Total number of pages comprising cover sheet: 1

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ASSIGNMENT

(讓 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 us citizens of Japan by HITACHI ULSI SYSTEMS CO., LTD., corporations organized under the laws of Japan, located at 22-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187-8522, Japan, receipt of which is hereby acknowledged, we do hereby sell and assign to said HITACHI ULSI SYSTEMS CO., LTD., their successors and assigns, all our right, title and interest, in and for the United States of America, in and to

STORAGE DEVICE AND STORAGE 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 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 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 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>Shuichiro Azuma</u> (Shuichiro AZUMA)	<u>12/19/2005</u>
2) <u>Masahiro Matsumoto</u> (Masahiro MATSUMOTO)	<u>12/19/2005</u>
3) <u>Takayuki Okinaga</u> (Takayuki OKINAGA)	<u>12/19/2005</u>
4) <u>Shigeru Takemura</u> (Shigeru TAKEMURA)	<u>12/19/2005</u>
5) <u>Yoshiyuki Kimata</u> (Yoshiyuki KIMATA)	<u>12/21/2005</u>
6) <u>Takayuki Kishimoto</u> (Takayuki KISHIMOTO)	<u>12/21/2005</u>
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____

PATENT

RECORDED: 01/10/2008

REEL: 020368 FRAME: 0522