

PATENTS ONLY (ref OG 7/28/92)

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

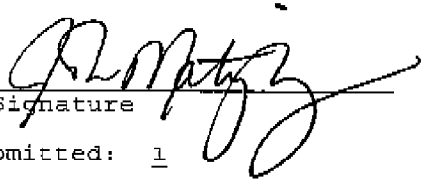
- 1. Name of Party(ies) conveying an interest: Hitachi ULSI Systems Co., Ltd.
- 2. Name and Address of Party(ies) receiving an interest: HITACHI, LTD.
6-6, Marunouchi 1-chome
Chiyoda-ku, Tokyo, JAPAN
- 3. Description of the interest conveyed: Assignment
- 4. Application number(s) or patent number(s).
Additional sheet attached? ___ Yes XXX 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) 10/682,243
- B. Patent No. (s)
- 5. Name and address of party to whom correspondence concerning document should be mailed:
John R. Mattingly
Mattingly, Stanger, Malur & Brundidge, 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 credit card payment form is attached.

DO NOT USE THIS SPACE

- 9. Execution date of attached document: January 11, 2005
- 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.

John R. Mattingly
Name of Person Signing

Signature



March 1, 2005
Date

Total number of pages being submitted: 1

OP \$40.00 10682243

ASSIGNMENT

WHEREAS, Hitachi, Ltd. and Hitachi ULSI Systems Co., Ltd. are the joint owners, by assignment, of the following application for Letters Patent of the United States of America:

<u>U.S. Serial No.</u>	<u>U.S. Filing Date</u>
10/682,243	OCTOBER 10, 2003

WHEREAS, Hitachi, Ltd., a corporation organized under the laws of Japan, having its place of business at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, JAPAN, is desirous of acquiring the entire right, title and interest in, to and under the said application for Letters Patent, and the inventions covered thereby, as now owned by Hitachi ULSI Systems Co., Ltd., and thereby become sole owner of the said application for Letters Patent;

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the said Hitachi ULSI Systems Co., Ltd. has sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over to the said Hitachi, Ltd., the entire right, title and interest in the said inventions, the said application for Letters Patent and any Letters Patent that may be granted thereon, and any reissue or reissues of Letters Patent which may be granted, the same to be held and enjoyed by said Hitachi, Ltd. for their own use and enjoyment, and for the use and enjoyment of their successors, assigns, or other legal representatives, to the end of the term for which said Letters Patents are granted or reissued as fully and entirely as the same would have been held and enjoyed by the said Hitachi ULSI Systems Co., Ltd., if this assignment and sale had not been made.

In testimony whereof, the said Hitachi ULSI Systems Co., Ltd. has caused this assignment to be signed by its duly authorized signing officer.

Hitachi ULSI Systems Co., Ltd.

January 11, 2005

Date:



By: Masahiko OGIRIMA

Title: President & CEO

(Authorized Signing Officer)