

05-20-2003



Docket No.: XA-9744

HEET

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Resubm

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

1 Name of conveying party(ies): **5-15-03**
WADA, Tamaki; NISHIZAWA, Hirotaka;
MASUDA, Masachika; OSAWA, Kenji; OSAKO, Junichiro;
HATAKEYAMA, Satoshi; ISHIHARA, Haruji;
YOSHIZAKI, Kazuo; FURUSAWA, Kazunori

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

3 Nature of conveyance:

- ☒ Assignment ☐ Merger
Document ID No. 102308111
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: **August 8, 9, 8, 9, 9, 9, 9, and 9**

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

Name: **Hitachi, Ltd.**

Address: **6, Kanda Surugadai 4-chome**

City: **Chiyoda-ku** State/Prov.: **Tokyo**

Country: **Japan** ZIP:

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

4 Application number(s) or patent 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

10/240,187

30 September 2002

B. Patent No.(s)

Additional numbers

☐ Yes ☒ No

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

Name: **Mitchell W. Shapiro**

Registration No. **31,568**

Address: **Miles & Stockbridge P.C.**

1751 Pinnacle Drive

Suite 500

City: **McLean** State/Prov.: **Virginia**

Country: **U.S.** ZIP: **22102**

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
Fee already paid September 30, 2002
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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.

Mitchell W. Shapiro

Name of Person Signing

Mitchell W. Shapiro

Signature

May 14, 2003

Date

3

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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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

A SEMICONDUCTOR DEVICE AND A METHOD OF MANUFACTURING THE SAME

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 ownership 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>Tamaki WADA</u> (Tamaki WADA)	<u>8/August / 2002</u>
2) <u>Hiroataka NISHIZAWA</u> (Hiroataka NISHIZAWA)	<u>9/August / 2002</u>
3) <u>Masachika MASUDA</u> (Masachika MASUDA)	<u>8/August / 2002</u>
4) <u>Kenji Osawa</u> (Kenji OSAWA)	<u>9/August / 2002</u>
5) <u>Junichiro OSAKO</u> (Junichiro OSAKO)	<u>9/August / 2002</u>
6) <u>Satoshi HATAKEYAMA</u> (Satoshi HATAKEYAMA)	<u>9/August / 2002</u>
7) <u>Haruji ISHIHARA</u> (Haruji ISHIHARA)	<u>9/August / 2002</u>
8) <u>Kazuo YOSHIKAZI</u> (Kazuo YOSHIKAZI)	<u>9/August / 2002</u>
9) <u>Kazunori FURUSAWA</u> (Kazunori FURUSAWA)	<u>9/August / 2002</u>
10) _____	_____