



Docket No.: XA-9744

U.S. DEPARTMENT OF COMMERCE  
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To the Director of the United States Patent and Trademark Office

Attached original documents or copy thereof.

1. Name of conveying party(ies): 1-20-04  
**WADA, Tamaki; NISHIZAWA, Hirotaka;**  
**MASUDA, Masachika; OSAWA, Kenji; OSAKA, Junichiro;**  
**HATEKEYAMA, Satoshi; ISHIHARA, Haruji;**  
**YOSHIZAKI, Kazuo; FURUSAWA, Kazunori**

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

3. Nature of conveyance:

- ☐ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☒ Other Request for Correction

Execution Date: \_\_\_\_\_

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 \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

PCT/JP01/11640

28 December 2001

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:

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  
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8. Deposit account number:

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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

January 16, 2004

Date

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**PATENT**

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## Conveying Party(ies)

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Month Day Year

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Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

## Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

Hitachi ULSI Systems Co., Ltd.

Name (line 2)

Address (line 1)

22-1, Josuihoncho 5-chome

Address (line 2)

Kodaira-shi

Address (line 3)

Tokyo

City

Japan

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

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## Patent Application Number(s)

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

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ZIP:

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Mitchell W. Shapiro

Name of Person Signing



Signature

September 30, 2002

Date

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Commissioner of Patents & Trademarks, Box AssignmentsPATENT  
REEL: 014898 FRAME: 0572

**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 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>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 YOSHIKAZAKI</u> (Kazuo YOSHIKAZAKI)	<u>9/August/2002</u>
9) <u>Kazunori FURUSAWA</u> (Kazunori FURUSAWA)	<u>9/August/2002</u>
10) _____	_____