

07-17-2003

Docket No.: XA-9890

FORM PTO-1595 (Modified)  
(Rev. 03-01)  
OMB No. 0651-0027 (exp.5/31/2002)  
P06A/REV03



HEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Tab settings

102500040

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

1. Name of conveying party(ies):

Takashi MIWA Masamichi SATO  
Yasumi TSUTSUMI Naozumi MORINO  
Masahiro ICHITANI Atsushi NAKAMURA  
Takanori HASHIZUME Saneaki TAMAKI

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

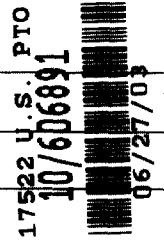
2. Name and address of receiving party(ies):

Name: Hitachi, Ltd.  
Address: 6, Kanda Surugadai 4-chome  
Chiyoda-ku

City: Tokyo State/Prov.: \_\_\_\_\_

Country: Japan ZIP: \_\_\_\_\_

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



3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: 5/16, 28, 26, 26, 28, 28, 29, 27, 29/2003

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: 5/16, 28, 26, 26, 28, 28, 29/27/2003

Patent Application No. Filing date

B. Patent No.(s)

6/30/2003 SZEWDIE1 00000008 10606891

2 FC:8021

40.00 00

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.: VA

Country: United States 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

Authorized to be charged to deposit account

8. Deposit account number:

50-1165

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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

June 27, 2003

Name of Person Signing

Signature

3

Date

Total number of pages including cover sheet, attachments, and

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 014265 FRAME: 0226

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

U.S. P.T.O.  
157/606891  
06/27/03

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Ikuo KUDO

Execution Date  
Month Day Year  
05/29/2003

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Name (line 1)

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

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)

Grid for Patent Application Number(s) with 5 rows and 3 columns of input boxes.

Grid for Patent Number(s) with 5 rows and 3 columns of input boxes.

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., a corporation organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said Hitachi, Ltd., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

A SEMICONDUCTOR DEVICE

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., its 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.,

Signed on the date(s) indicated aside our signatures:

INVENTOR(S) (発明者フルネームサイン)		Date Signed (署名日)
1) <u>Takashi Miwa</u>	Takashi MIWA	<u>16/May/2003</u>
2) <u>Yasumi Tsutsumi</u>	Yasumi TSUTSUMI	<u>28/May/2003</u>
3) <u>Masahiro Ichitani</u>	Masahiro ICHITANI	<u>26/May/2003</u>
4) <u>Takanori Hashizume</u>	Takanori HASHIZUME	<u>26/May/2003</u>
5) <u>Masamichi Sato</u>	Masamichi SATO	<u>28/May/2003</u>
6) <u>Naozumi Morino</u>	Naozumi MORINO	<u>28/May/2003</u>
7) <u>Atsushi Nakamura</u>	Atsushi NAKAMURA	<u>29/May/2003</u>
8) <u>Saneaki Tamaki</u>	Saneaki TAMAKI	<u>27/May/2003</u>
9) <u>Ikuo Kudo</u>	Ikuo KUDO	<u>29/May/2003</u>
10) _____		_____