

07-24-2002

Docket No.: XA-9708

FORM PTO-1595 (Modified)
(Rev. 03-01)
OMB No. 0651-0027 (exp. 5/31/2002)
P08A/REV03

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U.S. DEPARTMENT OF COMMERCE
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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):
Tetsuya HAYASHIDA and Norihiko KASAI

7.16.02

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

City: **Chiyoda-ku** State/Prov.: **Tokyo**
Country: **JAPAN** ZIP: _____

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



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: **May 29 and 22, 2002**

4. Application number(s) or patent numbers(s): **10/195084**
If this document is being filed together with a new application, the execution date of the application is: **May 29 and 22, 2002**

Patent Application No.	Filing date	B. Patent No.(s)
07/19/2002 DEMMANU1 00000022 10195084		
03 FC:581	40.00 DP	

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

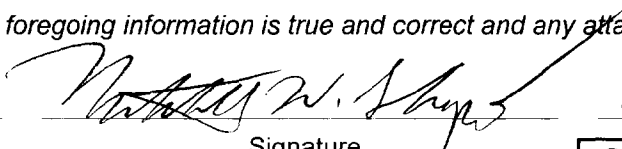
City: **McLean** State/Prov.: **Virginia**
Country: **U.S.** ZIP: **22102**

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ **40.00**
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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  **July 16, 2002**
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and

3

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PATENT
REEL: 013102 FRAME: 0719

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Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1)		Execution Date Month Day Year
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Name (line 2)		

11046 U.S. PTO
10/195084
07/16/02

Receiving Party(ies)

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Name (line 1)	Hitachi Hokkai Semiconductor, Ltd.		<input type="checkbox"/> 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)				
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Address (line 2)	Kameda-gun		<input type="checkbox"/> 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.)	
Address (line 3)	Hokkaido	Japan		
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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)		

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 Hokkai Semiconductor, Ltd., corporations organized under the laws of Japan, located at 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, Japan, and 145, Azanakajima, Nanaecho, Kameda-gun, Hokkaido, Japan, respectively, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD. and Hitachi Hokkai Semiconductor, Ltd., their successors and assigns, all my right, title and interest, in and for the United States of America, in and to
A METHOD OF MANUFACTURING 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. and Hitachi Hokkai Semiconductor, 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 Hokkai Semiconductor, 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>Tetsuya Hayashida</u> (Tetsuya HAYASHIDA)	<u>29 / May / 2002</u>
2) <u>Norihiko Kasai</u> (Norihiko KASAI)	<u>22 / May / 2002</u>
3) _____	_____
4) _____	_____
5) _____	_____
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____