Docket No.: 500.39919X00

FORM PTO-1595
1-31-92

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PATENT & TRADEMARK OFFICE

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U.S. DEPARTMENT OF COMMERC
Patent and Trademark Offic

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

6-13-01

1. Name of conveying party(ies):
Y. YAMAGUCHI, H. TENMEI, K. INOUE,
N. OROKU, H. HOZOJI, S. TSUNODA, N. KANDA
M. MOMAGAWA, I. ANJO, A. NISHIMURA, K. UJIIE, A. YAJIMA,
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):
Name: Hitachi, Ltd.
Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku
City: Tokyo:
Country: Japan
Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:
☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other ____________________
Execution Date: May 15, 17, 18, 21, 25, 28, & June 1, 2001

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)
09/811,401 Filed March 20, 2001

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP

Internal Address:

Street Address: 1300 North Seventeenth Street
Suite 1800

City: Arlington State: VA Zip: 22209

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..............................$40.00
☒ Enclosed
☒ Any deficiencies may be charged to deposit account
☐ Authorized to be charged to deposit account

8. Deposit account number: 01-2135

(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.

Gregory E. Montone
Name of Person Signing

Signature 22973

June 13, 2001
Date

Attorney Registration No. 28,141
Total number of pages including cover sheet, attachments, and document: 2

OMB No. 0651-0011 (exp. 4/94)

06/14/2001 ANABI1 00000009 09811401
01 FC:581 40.00 OP

E5842-01
(米)

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

SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME AND SEMICONDUCTOR DEVICE-MOUNTED STRUCTURE

*U.S. Serial No. 09/811401 filed on March 20, 2001

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 signatures:

	INVENTOR(S) （発明者フルネームサイン）	Date Signed （署名日）
1)	Toshihide Tamaguchi	1 / June / 2001
2)	Hiroyuki Tenmei	17 / May / 2001
3)	Kosuke Inoue	May 21, 2001
4)	Noriyuki Oroku	21. May. 2001
5)	Hiroshi Hozoji	15 / May / 2001
6)	Shigeharu Tsunoda	17 / May / 2001
7)	Naoya Kanda	17 / May / 2001
8)	Madoka Minagawa	28 / May / 2001
9)	Ichiro Anjoh	25 / May / 2001
10)	Asao Nishimura	5/18/2001

E 5872-01
A

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

SEMICONDUCTOR DEVICE AND METHOD FOR MANUFACTURING THE SAME AND SEMICONDUCTOR DEVICE-MOUNTED STRUCTURE

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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 signatures:

	INVENTOR(S) (発明者フルネームサイン)	Date Signed （署名日）
11)	Kenji Ujiie	18/May/2001
12)	Akira Yajima	15/may/2001
13)		
14)		
15)		
16)		
17)		
18)		