



11-21-2001



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Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp.

5/31/2002)

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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):

MIURA, KAZUMA

SHIMOKAWA, HANAE

SERIZAWA, KOJI

SOGA, TASAO

NAKATSUKA, TETSUYA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: HITACHI, LTD.

Internal

Address: _____

Street Address: **6, Kanda Surugadai 4-chome,
Chiyoda-ku, Tokyo, Japan**

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____Additional name(s) & address(es) attached? ☐ Yes ☒ NoExecution Date: March 16, 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)

B. Patent Registration No.(s)

U.S. Serial No. 09/811,445 filed March 20, 2001

Additional number(s) attached No

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

Name: Antonelli, Terry, Stout & Kraus, LLP

Internal Address:

1300 North Seventeenth Street

Suite 1800

Arlington, VA 22209

USA

City:

State:

Zip:

6. Total number of applications and patents involved 1

7. Total fee (37 CFR 3.41)..... \$40.00

☒ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

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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, Reg. # 28,141

November 16, 2001

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 7

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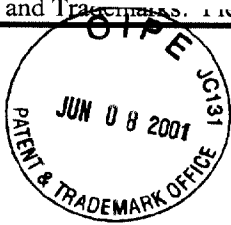
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To the Honorable Commissioner of Patents and Trademarks, please record the original documents or copy thereof.

1. Name of conveying party(ies):

Kazuma MIURA
Hanae SHIMOKAWA
Joji SERIZAWA
Tasao SOGA
Tetsuya NAKATSUKA

68-01



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

Name: Hitachi, Ltd.

Street Address: 6, Kanda Surugadai 4-chome, Chiyoda-ku

City: Tokyo:

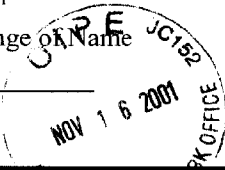
Country: Japan

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger☐ Security Agreement ☐ Change of Name☐ Other

Execution Date: March 16, 2001

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

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

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A. Patent Application No.(s)
09/811,445 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

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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.

Gregory E. Montone

Name of Person Signing

Signature

June 8, 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)

E5854-01
(*)

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 module and circuit substrate

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) <u>Kazuma MIURA</u>	<u>Mar. 16, 2001</u>
2) <u>Hanae Shimokawa</u>	<u>Mar. 16, 2001</u>
3) <u>Seizawa Koji</u>	<u>Mar Mar. 16, 2001</u>
4) <u>Tasao Soga</u>	<u>Mar. 16, 2001</u>
5) <u>Tetsuya Nakatenka</u>	<u>Mar. 16, 2001</u>
6) _____	_____
7) _____	_____
8) _____	_____
9) _____	_____
10) _____	_____