

RECORDATION FOR PATENT

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To the Honorable Commissioner of Patents and Trademarks: F

1. Name of conveying party(ies):

see attached list

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

6.10.99

Execution Date: September 12, 1995

2. Name and address of receiving party(ies)

Name: (1) Hitachi, Ltd. and (2) Hitachi
Haramachi Electronics Co., Ltd.
Internal Address: _____

(1) 6, Kanda Surugadai 4-chome, Chiyoda-ku,
Tokyo 101, Japan and

Street Address: (2) 10-2, Benten-cho 3-chome,
Hitachi-shi, Ibaraki 317, Japan

City: _____ State: _____ ZIP: _____

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

4. Application number(s) or patent number(s): Serial No. 08/539,075

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 No.(s)

Additional numbers attached? Yes No

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

Name: Gregory E. Montone, Esq.

Internal Address: ANTONELLI, TERRY, STOUT
& KRAUS, LLP

Street Address: 1300 N. Seventeenth Street

Suite 1800

City: Arlington State: VA ZIP: 22209

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41).....\$ 40,00

- Enclosed
- Any shortage
- Authorized to be charged to deposit account

8. Deposit account number:

01-2135

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

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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

Reg. No. 28,141

Signature

June 10, 1999

Date

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

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

PATENT
REEL: 010017 FRAME: 0865

INVENTOR'S NAMES AND EXECUTION DATES FOR ASSIGNMENT

<u>Name</u>	<u>Execution Date</u>
Kazuji Yamada	September 12, 1995
Akira Tanaka	September 12, 1995
Ryuichi Saito	September 12, 1995
Yasutoshi Kurihara	September 12, 1995
Tadao Kushima	September 12, 1995
Takashi Haramaki	September 12, 1995
Yoshihiko Koike	September 12, 1995
Takashi Hosokawa	September 12, 1995
Mamoru Sawahata	September 12, 1995
Masahiro Koizumi	September 12, 1995
Jin Onuki	September 12, 1995
Kazuhiro Suzuki	September 12, 1995
Isao Kobayashi	September 12, 1995
Hideo Shimizu	September 12, 1995
Yutaka Higashimura	September 12, 1995
Shigeki Sekine	September 12, 1995
Nobuya Koike	September 12, 1995
Hideya Kokubun	September 12, 1995

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to Hitachi, Ltd. and Hitachi Haramachi Electronics Co., Ltd. 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101, Japan and of 10-2, Benten-cho 3-chome, Hitachi-shi, Ibaraki 317, Japan its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

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 by us 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 Haramachi Electronics Co., 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. and Hitachi Haramachi Electronics Co., Ltd.

(Full Name)

(Signature)

- 1) Date September 12, 1995 Inventor Kazuji Yamada Residence Same as Post Office Address 8-32, Moriyama-cho 3-chome, Hitachi-shi, Ibaraki Post Office Address 316, Japan
2) Date September 12, 1995 Inventor Akira Tanaka Residence Same as Post Office Address Izumigamori-ryo, 20-1, Mizuki-cho 2-chome, Hitachi-shi, Ibaraki Post Office Address Ibaraki 316, Japan
3) Date September 12, 1995 Inventor Ryuichi Saito Residence Same as Post Office Address 42-67, Ishinazaka-cho 1-chome, Hitachi-shi, Ibaraki Post Office Address 319-12, Japan
4) Date September 12, 1995 Inventor Yasutoshi Kurihara Residence Same as Post Office Address 1181-72, Higashiishikawa, Hitachinaka-shi, Ibaraki Post Office Address 312, Japan
5) Date September 12, 1995 Inventor Tadao Kushima Residence Same as Post Office Address 640-127, Suwama, Tokai-mura, Naka-gun, Ibaraki Post Office Address Japan

Witness(es)

- All) Mari Yamagata 2) 4)
1) 3) 5)

(Continued on Page 2)

PATENT

REEL: 010017 FRAME: 0867

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(Signature)

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(Signature)

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Date _____ Inventor _____

Residence _____ Citizenship _____

Post Office Address _____

Date _____ Inventor _____

Residence _____ Citizenship _____

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Date _____ Inventor _____

Residence _____ Citizenship _____

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