

PATENTS ONLY (ref OG 7/28/92)

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

1. Name of Party(ies) conveying an interest: 2. Name and Address of Party(ies) receiving an interest:

Shinichi ABE
Masanori FUJISAWA

ROHM CO., LTD.
21 Saiin Mizosaki-cho
Ukyo-ku, Kyoto, JAPAN

3. Description of the interest conveyed: Assignment

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

Additional sheet attached? Yes XXX No

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

- A. Patent Application No.(s)

- B. Patent No.(s)

10/614,104

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

John R. Mattingly
Mattingly, Stanger & Malur, P.C.
1800 Diagonal Road, Suite 370
Alexandria, Virginia 22314

6. Number of applications and patents involved: One

7. Amount of fee enclosed or authorized to be charged: \$40.00

8. The Commissioner is hereby authorized to charge Deposit Account No. 50-1417 if no credit card payment form is attached.

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9. Execution date of attached document: June 3, 2003

10. To the best of my knowledge and belief, I declare under penalty of perjury under the laws of the United States of America that the foregoing information is true and correct and that any attached copy is a true copy of the original document.

John R. Mattingly
Name of Person Signing


Signature

March 11, 2005
Date

Total number of pages being submitted: 1

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PATENT
REEL: 015889 FRAME: 0487

OP \$40.00 10614104

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to the undersigned by (Name) ROHM CO., LTD.
(If a corporation, then state of incorporation Japan)
located at (full address) 21 Saiin Mizosaki-cho, Ukyo-ku, Kyoto, Japan

receipt of which is hereby acknowledged, the undersigned do/does hereby warrant title to, and sell and assign to said assignee, its successors and assigns, all our/my right, title and interest, in and for the United State of America and all foreign countries, including all rights of priority, in and to the invention entitled

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invented by us/me and described in the application for United States Letters Patent therefor identified as:

() Serial No. _____, filed _____; or
(X) executed on even date herewith; or
() executed on _____, and all United States and foreign Letters Patent which may be granted therefor, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said assignee, its successors, assigns or other legal representatives, to the full end of terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by us/me if this assignment and sale had not been made;

And we/I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said 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 we/I do hereby authorize and request the Commissioner of Patents and Trademarks, or equivalent, to issue said Letters Patent to said assignee, and Thomas E. Beall, Robert E. Bushnell, or John R. Mattingly, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Signed this 3rd day of June, 2003.

Shinichi ABE
Signature

Masanori FUJISAWA
Signature

Signature

Shinichi ABE
Name (Typed or printed)

Masanori FUJISAWA
Name (Typed or printed)

Name (Typed or printed)

Witness:

John Mattingly

John Mattingly

PATENT

RECORDED: 03/11/2005

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