

06-19-1998

SAK-33

PATENTS ONLY (ref OG 7/28)



To the Honorabl. **100743050** Trademarks:
Please record the attached original document or copy thereof.

6-12-98

- 1. Name of Party(ies) conveying an interest: Kiyoshi MIZUSHIMA; Makoto AOKI; Satoshi IKEDA; Noriyuki TANAGI
- 2. Name and Address of Party(ies) receiving an interest: NIKKO COMPANY
383, Ainoki-machi,
Matto-shi, Ishikawa-ken, 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)

09/066,876

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

Thomas E. Beall, Jr.
Fay, Sharpe, Beall,
Fagan, Minnich & McKee
104 East Hume Avenue
Alexandria, Virginia 22301

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. 02-1540 if no check is attached.

06/18/1998 TTDW11 00000163 09066876

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9. Execution date of attached document: February 23, 1998

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

John R. Mattingly
Signature

June 12, 1998
Date

Total number of pages being submitted: 2

PATENT
REEL: 9244 FRAME: 0371

ASSIGNMENT

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 ASSIGNEE NIKKO COMPANY whose address is 383, Ainoki-machi, Matto-shi, Ishikawa-ken, JAPAN

a corporation of (if a corporation) Japan receipt of which is hereby acknowledged, the undersigned hereby warrants title to, and sell and assign to said assignee, its successors and assigns, all right, title and interest, in and for the U. S. A. and all foreign countries, including all rights of priority, in and to the invention entitled **TITLE** BALL-GRID-ARRAY-TYPE SEMICONDUCTOR DEVICE AND ITS FABRICATION METHOD AND ELECTRONIC APPARATUS invented by us/me and described in the application for U. S. Letters Patent therefor identified as:
 Serial No. _____, filed _____ ; or
 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, reexamination 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, Jeffrey M. Ketchum, 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 and witnessed this 23 day of February, 1998

<u>K. Mizushima</u>	<u>Makoto Aoki</u>	<u>Satoshi Ikeda</u>	<u>Noriyuki Tanagi</u>
Signature	Signature	Signature	Signature
<u>Kiyoshi MIZUSHIMA</u>	<u>Makoto AOKI</u>	<u>Satoshi IKEDA</u>	<u>Noriyuki TANAGI</u>
Name	Name	Name	Name

Signature of Witness Yoshio Ikeno
Name of Witness Yoshio Ikeno
(SEAL)