

4-11-00

05-08-2000

NIP-169

28

PATENTS ONLY (ref OG 7/28/



To the Honorabl 101349671 Trademarks:
Please record the attached original document or copy thereof.

- 1. Name of Party(ies) conveying an interest: Norio KAWASHIMA, Yasuyuki GOTOH, Yasuhiro AIZAWA, Akira KOIZUMI, Kouichi MACHIDA, Yoshiharu KIKUCHI
- 2. Name and Address of Party(ies) receiving an interest: HITACHI, LTD., 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo, JAPAN and HITACHI ENGINEERING CO., LTD., 2-1, Saiwai-cho 3-chome, Hitachi-shi Ibaraki 317-0073, Japan



- 3. Description of the interest conveyed: Assignment
- 4. Application number(s) or patent number(s).
Additional sheet attached? Yes 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) 09/492,130
- B. Patent No.(s)

- 5. Name and address of party to whom correspondence concerning document should be mailed: Thomas E. Beall, Jr., Beall Law Offices, 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.

DO NOT USE THIS SPACE

- 9. Execution date of attached document: January 13, 2000
- 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.

Shrinath Malur
Name of Person Signing

[Signature]
Signature

April 11, 2000
Date

Total number of pages being submitted: 2

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

Hitachi, Ltd. & Hitachi Engineering Co., Ltd.

whose address is 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010, Japan & 2-1, Saiwai-cho 3-chome, Hitachi-shi, Ibaraki 317-0073, 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

CONTROL ROD AND MANUFACTURING METHOD FOR THE CONTROL ROD

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 13th day of January, ~~19~~ 2000

Signature Norio Kawashima
Name Norio Kawashima

Signature Yasuyuki Gotoh
Name Yasuyuki Gotoh

Signature Yasuhiro Aizawa
Name Yasuhiro Aizawa

Signature Akira Koizumi
Name Akira Koizumi

Signature Kouichi Machida
Name Kouichi Machida

Signature Yoshiharu Kikuchi
Name Yoshiharu Kikuchi

Signature _____
Name _____

Signature _____
Name _____

Signature of Witness Mari Yamagata
Name of Witness Mari Yamagata
(SEAL)