12-08-1998

PATENTS ONLY (ref OG

To the Honorable Commission s and Trademarks:
Please record the attached original document or copy thereof.

2.

 Name of Party(ies) conveying an interest:

> Shigeru KIKUCHI; Masato KOBAYASHI; Katsuhiro KOMURO; Toru TANIMIZU; Yoshimi HAKAMATA; Kathumi KURODA; Hitoshi OKABE; Noboru BABA

Name and Address of Party(ies) receiving an interest:

HITACHI, LTD. 6, Kanda Surugadai 4-chome Chiyoda-ku, Tokyo, JAPAN

3. Description of the interest conveyed: Assignment

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)

09/188,366

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.

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12/07/1998 JSHABAZZ 00000050 09188366

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40.00 DP

- 9. Execution date of attached document: October 30, 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.

!. Malling l

John R. Mattingly Name of Person Signing

Signature

December 4, 1998

Date

Total number of pages being submitted: 2

PATENT REEL: 9616 FRAME: 0789

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 "VACUUM CIRCUIT-BREAKER, VACUUM BULB FOR USE THEREIN, AND ELECTRODES THEREOF"

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)	Witnesses (立会人サイン)
1)	Shigeru Likuchi (Shigeru KIKUCHI)	October 30, 19	198 Mari Yamagate
2)	Miasato Hobayashi (Masato KOBAYASHI)	October 30, 19	
3)	Watsuhiro Komuro (Katsuhiro KOMURO)	October 30, 19	198 Mari Mamagata
4)	Toru Tanimizu	October 30, 19	198 Mari Namagata
5)	Yoshimi HAKAMATA)	October 30, 19	198 Mari Yamagata
6)		October 30, 19	198 Mari Yamagata
7)	Okabe Hitoshi (Hitoshi OKABE)	October 30, 19	198 Mari Yamaga ta
8)	Bala noboru	October 30, 19	198 Mari Yamagata
9)	(Noboru BABA)		
10)			

PATENT REEL: 9616 FRAME: 0790

RECORDED: 12/04/1998