



US00D476296S

(12)

United States Design Patent

Koizumi

(10) Patent No.:

US D476,296 S

(45) Date of Patent:

** Jun. 24, 2003

(54) SEMICONDUCTOR DEVICE

(75) Inventor: Hideshi Koizumi, Nara-ken (JP)

(73) Assignee: Sharp Kabushiki Kaisha, Osaka (JP)

(**) Term: 14 Years

Primary Examiner—Ted Shooman
Assistant Examiner—Selina Sikder
(74) Attorney, Agent, or Firm—Nixon & Vanderhye

(57) CLAIM

The ornamental design for a “semiconductor device”, as shown and described.

(21) Appl. No.: 29/156,639

(22) Filed: Mar. 6, 2002

(30) Foreign Application Priority Data

Sep. 6, 2001	(JP)		2001-026198
Sep. 6, 2001	(JP)		2001-026199
Sep. 6, 2001	(JP)		2001-026205

(51) LOC (7) Cl. 13-03

(52) U.S. Cl. D13/182

(58) Field of Search D13/182; 257/670, 257/672, 676, 686, 688, 690–696, 703, 787; 361/736, 742, 748, 752, 760, 761, 774, 783, 784, 785, 798, 813, 820; 372/43

(56) References Cited

U.S. PATENT DOCUMENTS

D278,049	S	*	3/1985	Takahashi et al.		D13/182
D280,812	S	*	10/1985	Takahashi		D13/182
5,485,479	A	*	1/1996	Kitamura		372/43
5,604,372	A	*	2/1997	Yamaguchi		257/417
5,748,658	A	*	5/1998	Nakanishi et al.		372/43
6,034,424	A	*	3/2000	Fujimura et al.		257/696

* cited by examiner

DESCRIPTION

FIG. 1 is a top, front and right side perspective view of a semiconductor device according to my design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a top plan view thereof;

FIG. 5 is a bottom plan view thereof;

FIG. 6 is a right side elevational view thereof, the left side elevational view being a mirror image thereof;

FIG. 7 is a view of a further embodiment of a semiconductor device similar to FIG. 1, the broken lines illustrating environmental structure of this embodiment which does not form part of the design of this embodiment;

FIG. 8 is a front elevational view thereof;

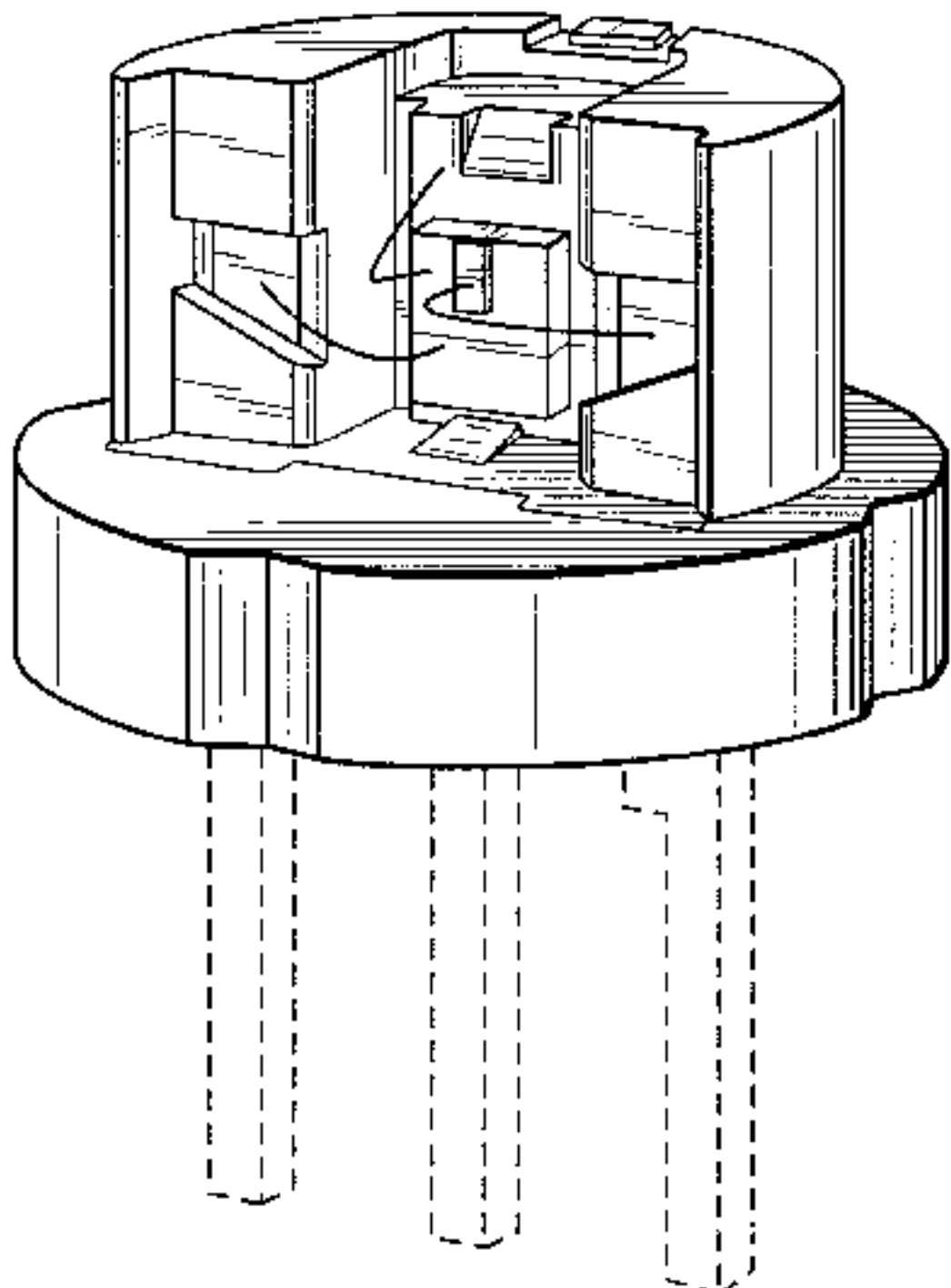
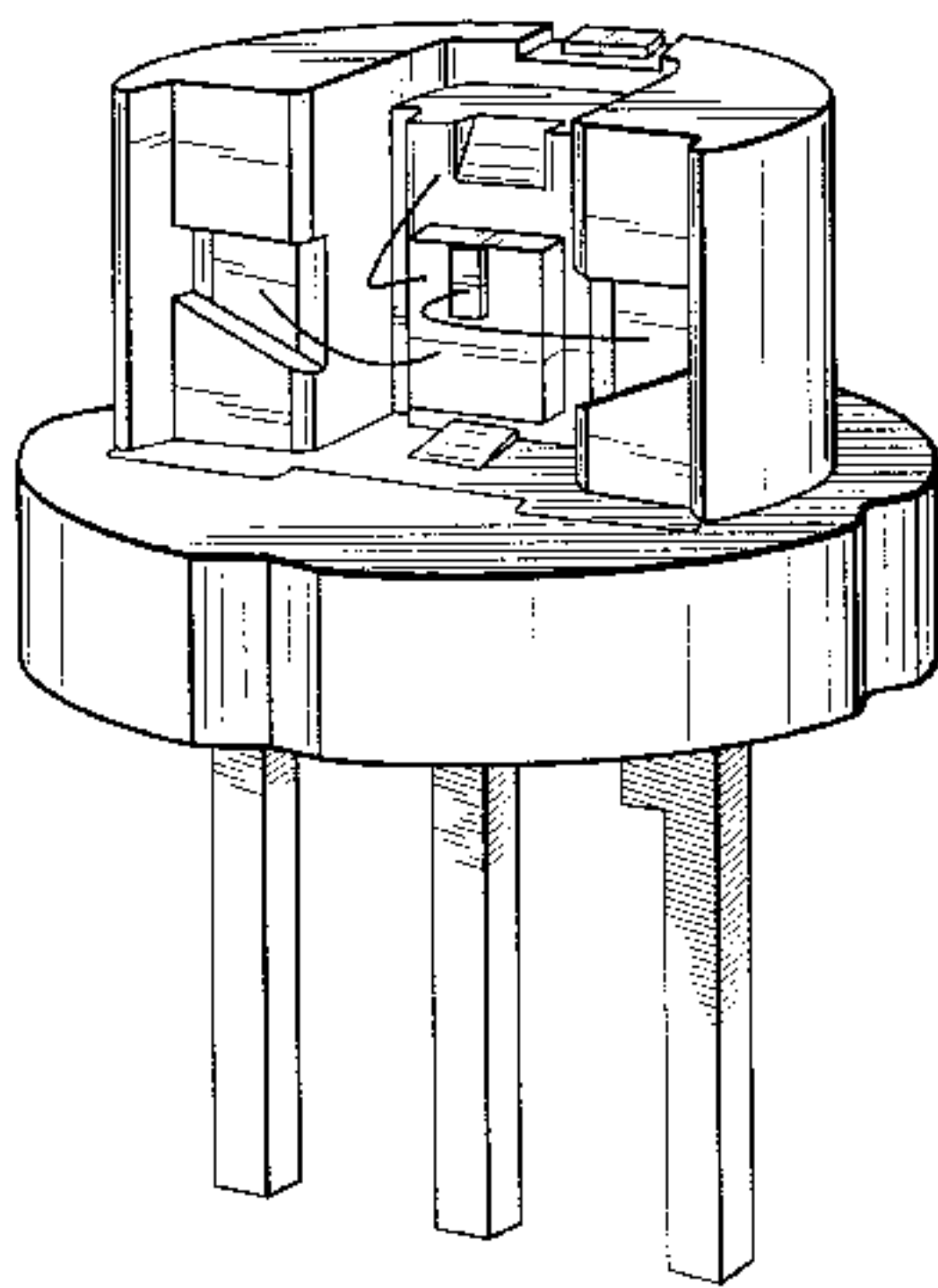
FIG. 9 is a rear elevational view thereof;

FIG. 10 is a top plan view thereof;

FIG. 11 is a bottom plan view thereof; and,

FIG. 12 is a right side elevational view thereof, the left side elevational view being a mirror image thereof.

1 Claim, 10 Drawing Sheets



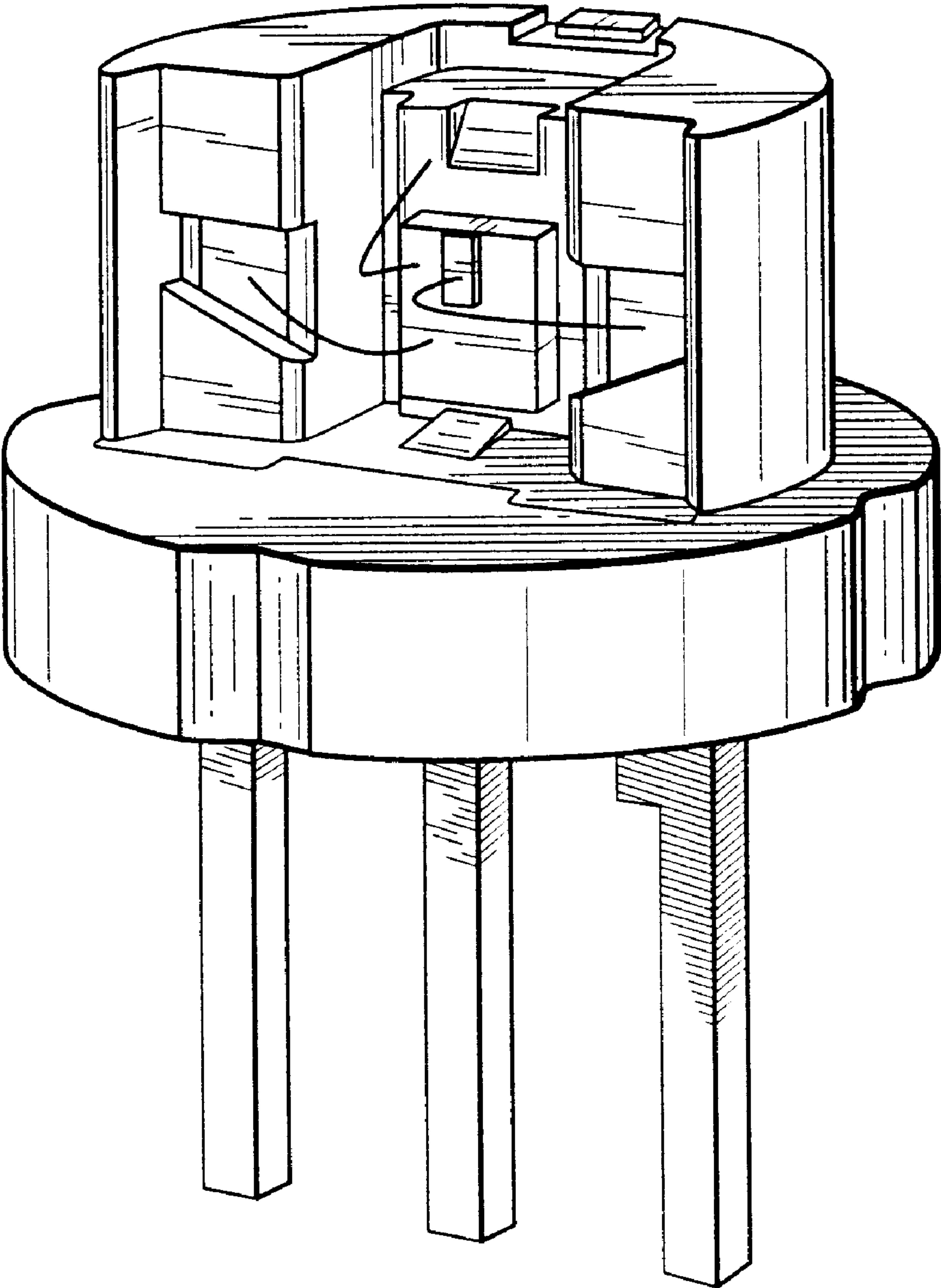


Fig. 1

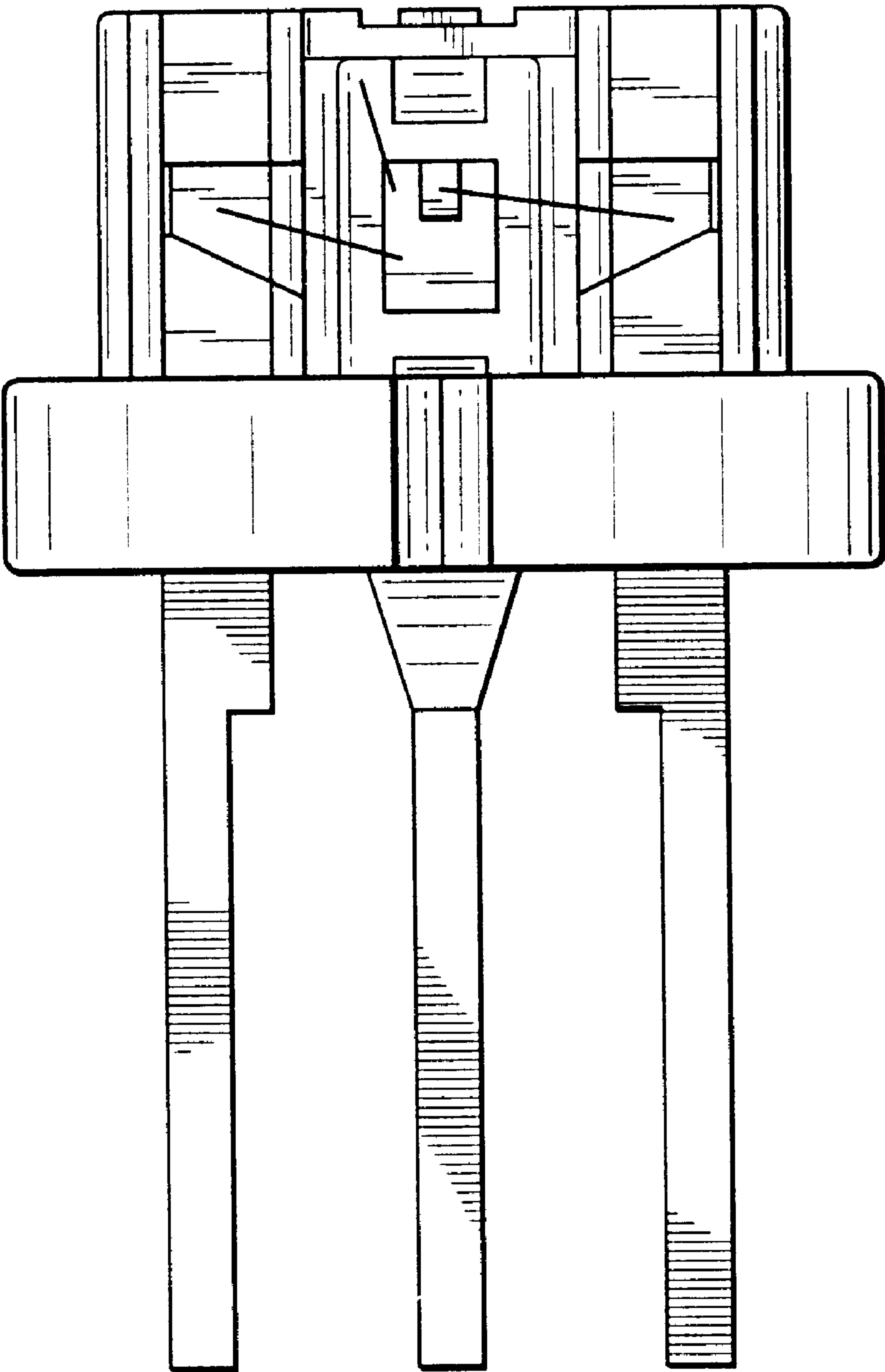


Fig. 2

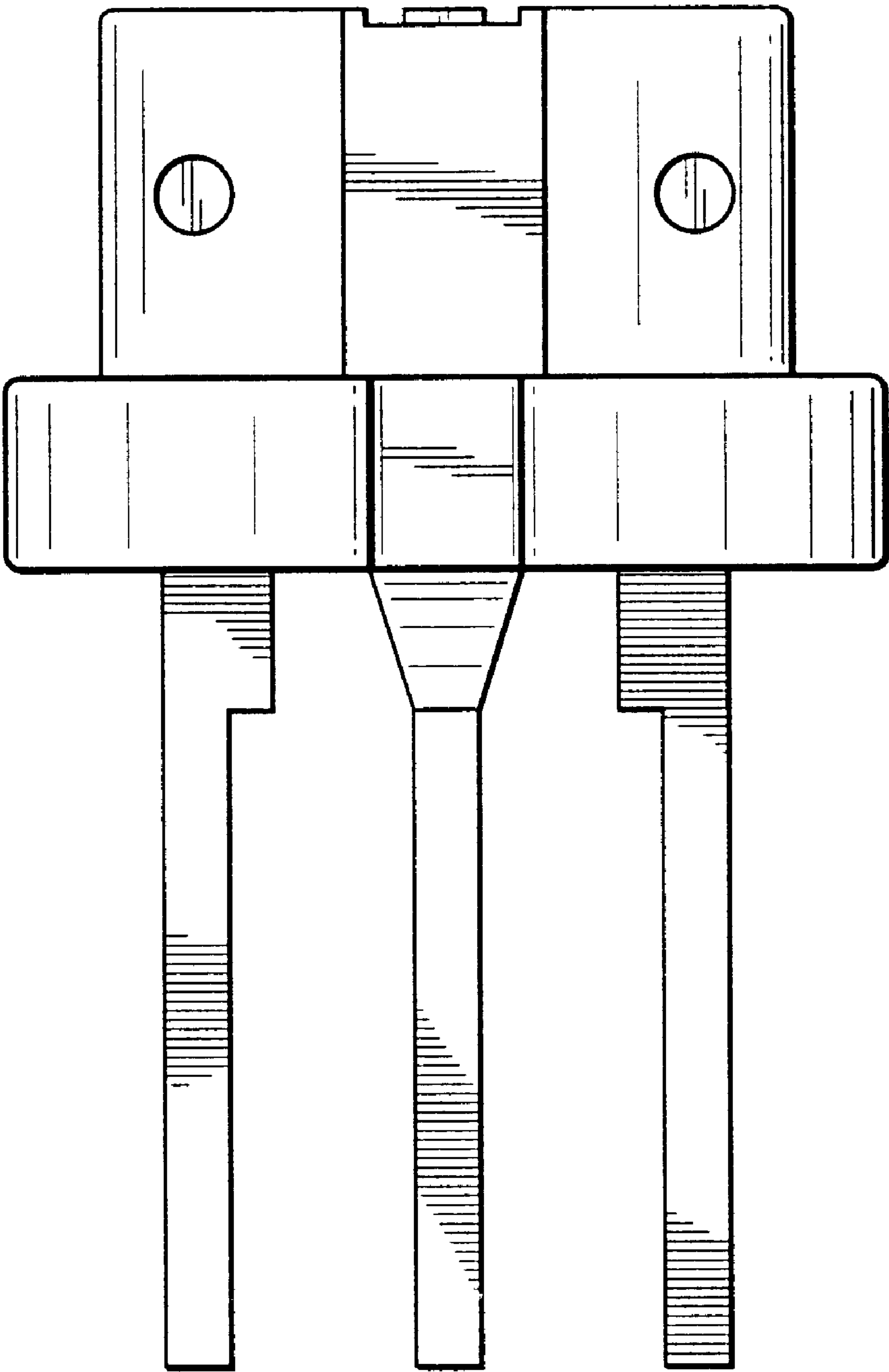


Fig. 3

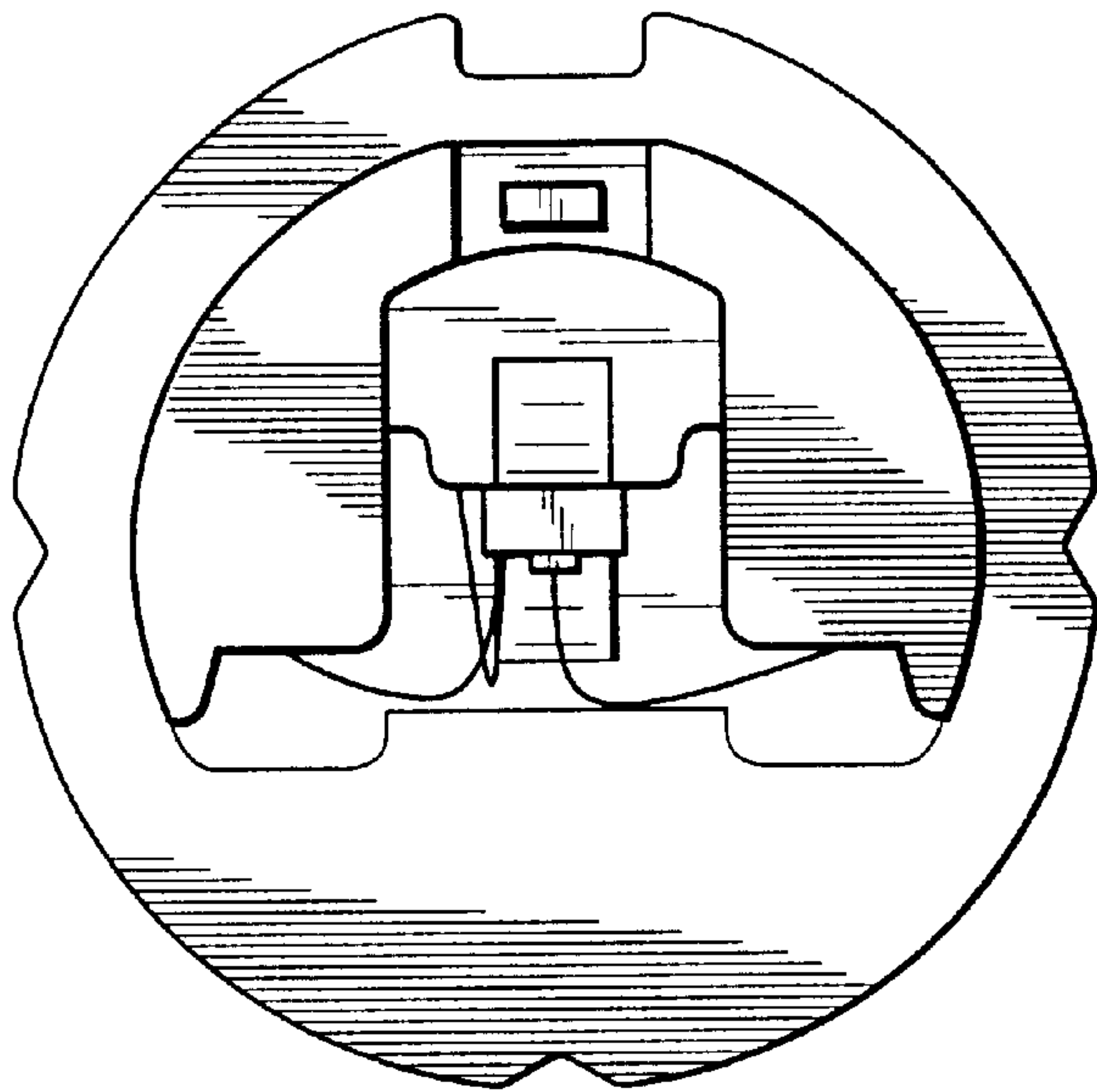


Fig. 4

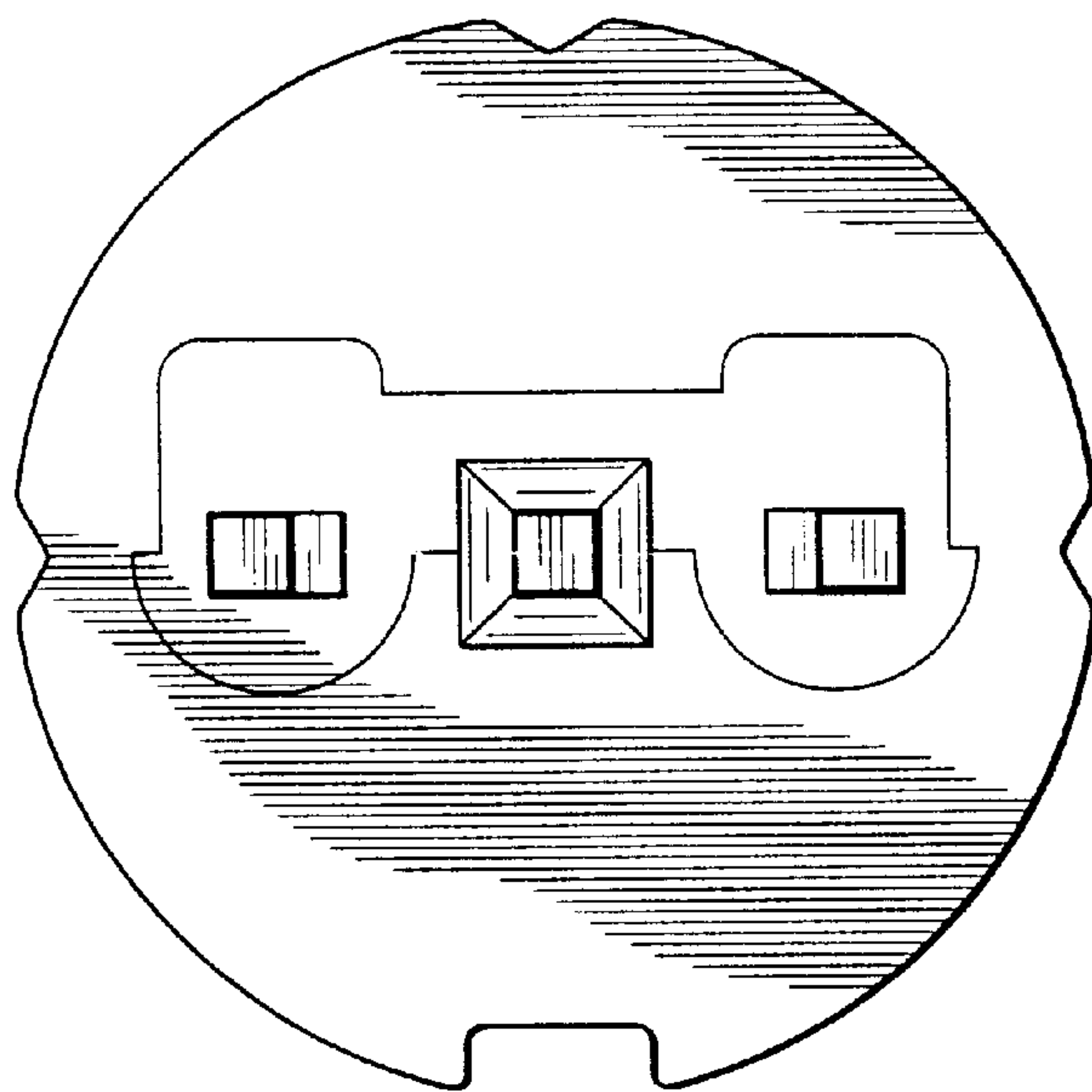


Fig. 5

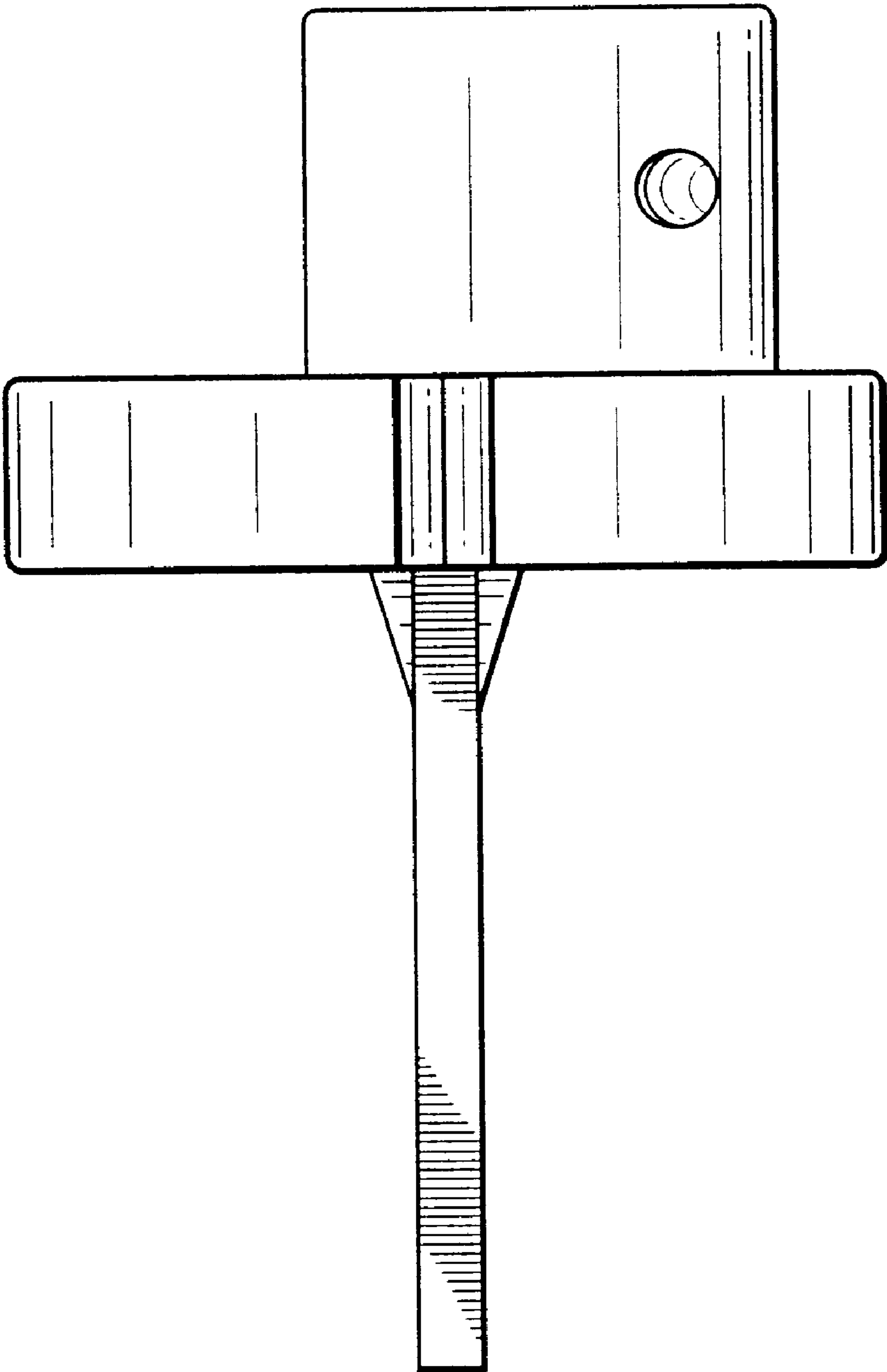


Fig. 6

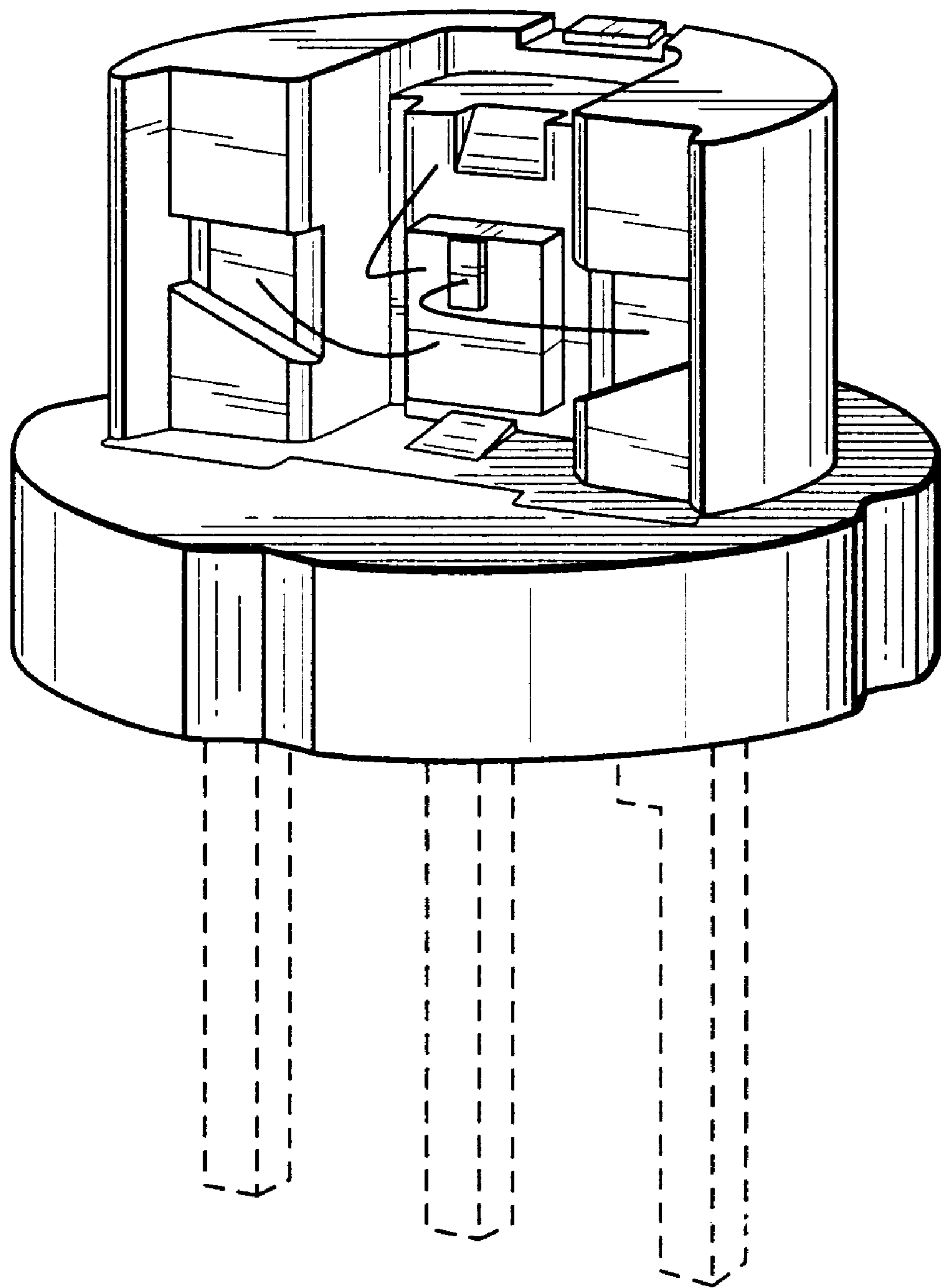


Fig. 7

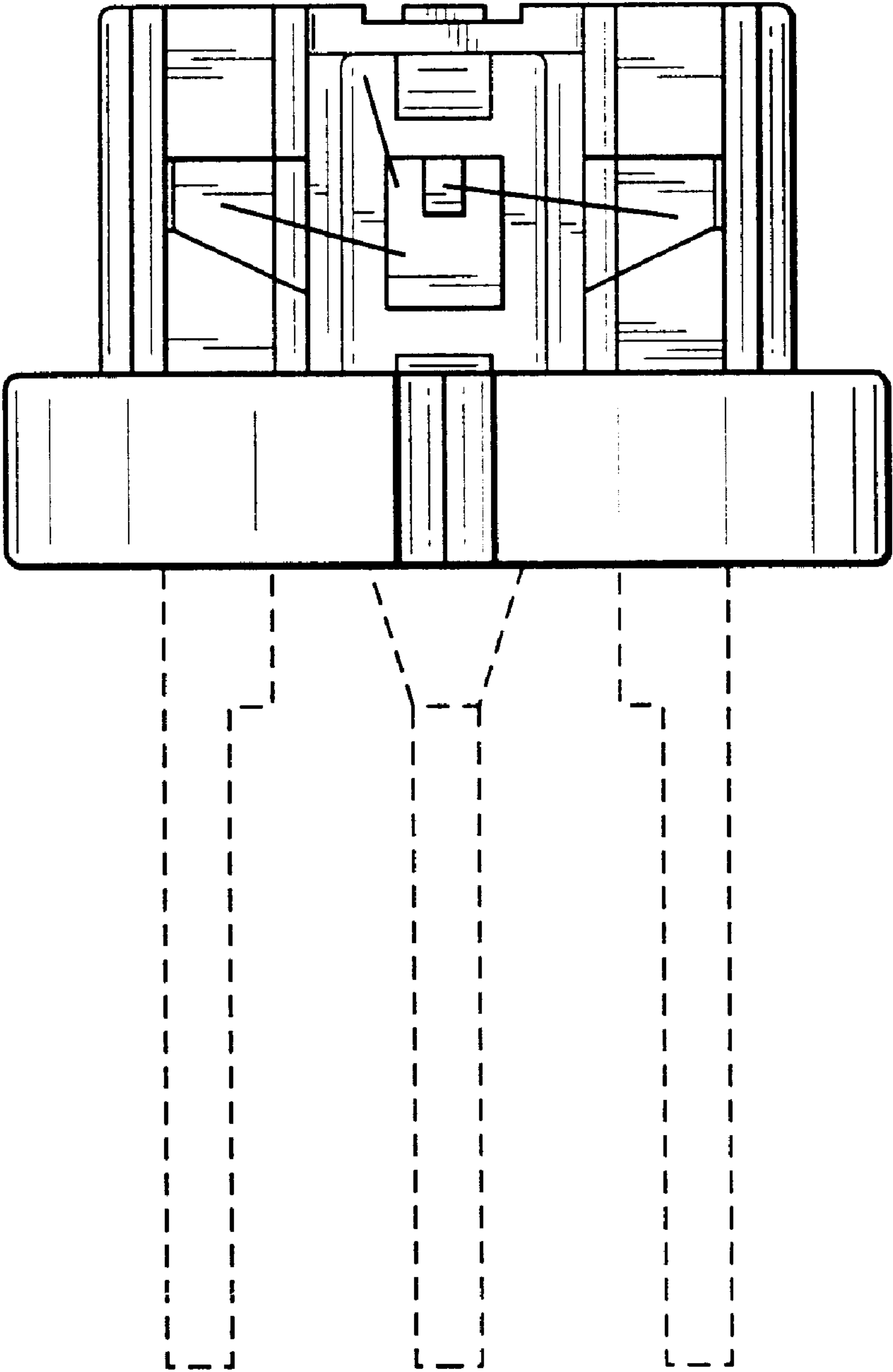


Fig. 8

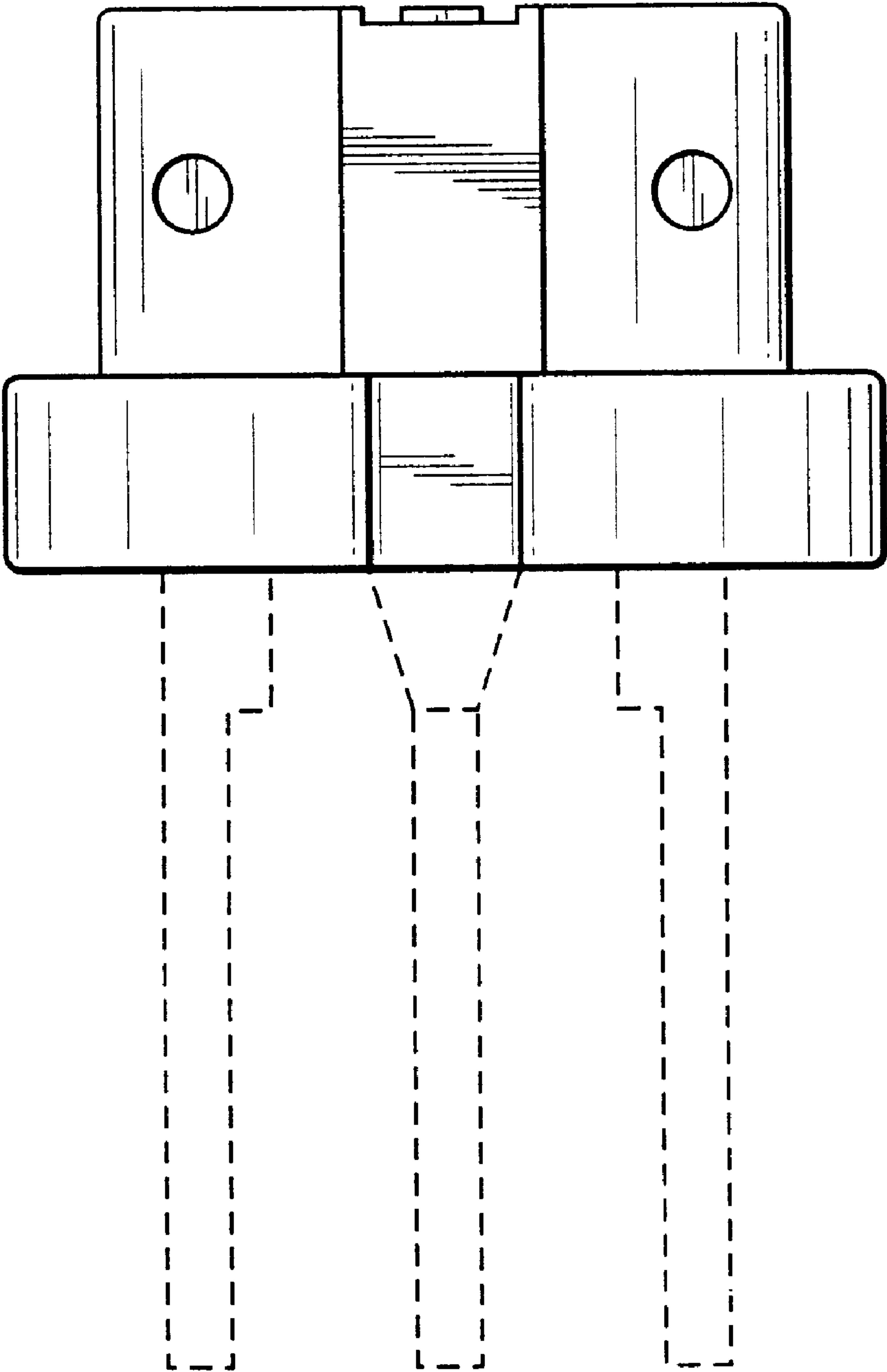


Fig. 9

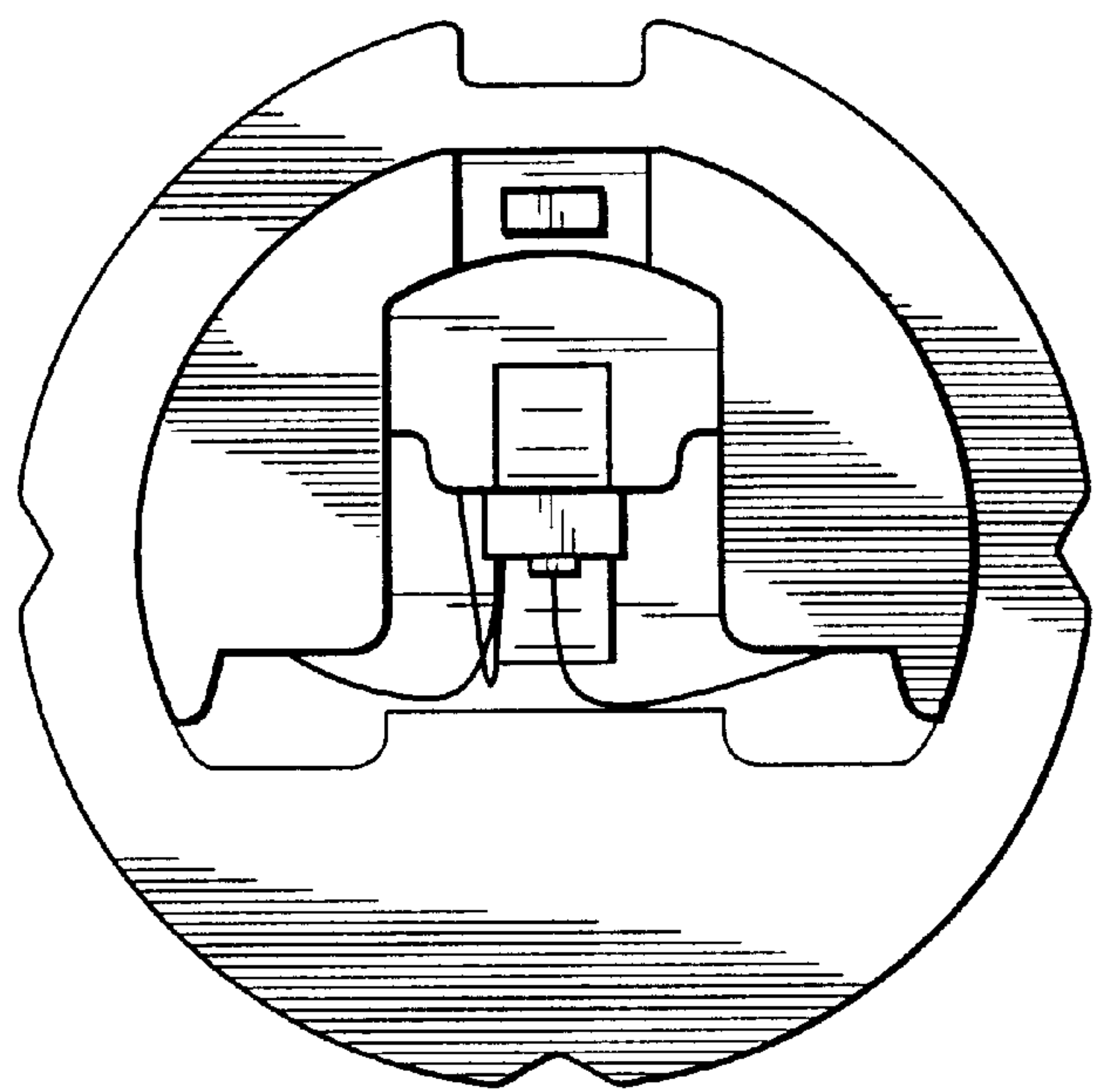


Fig. 10

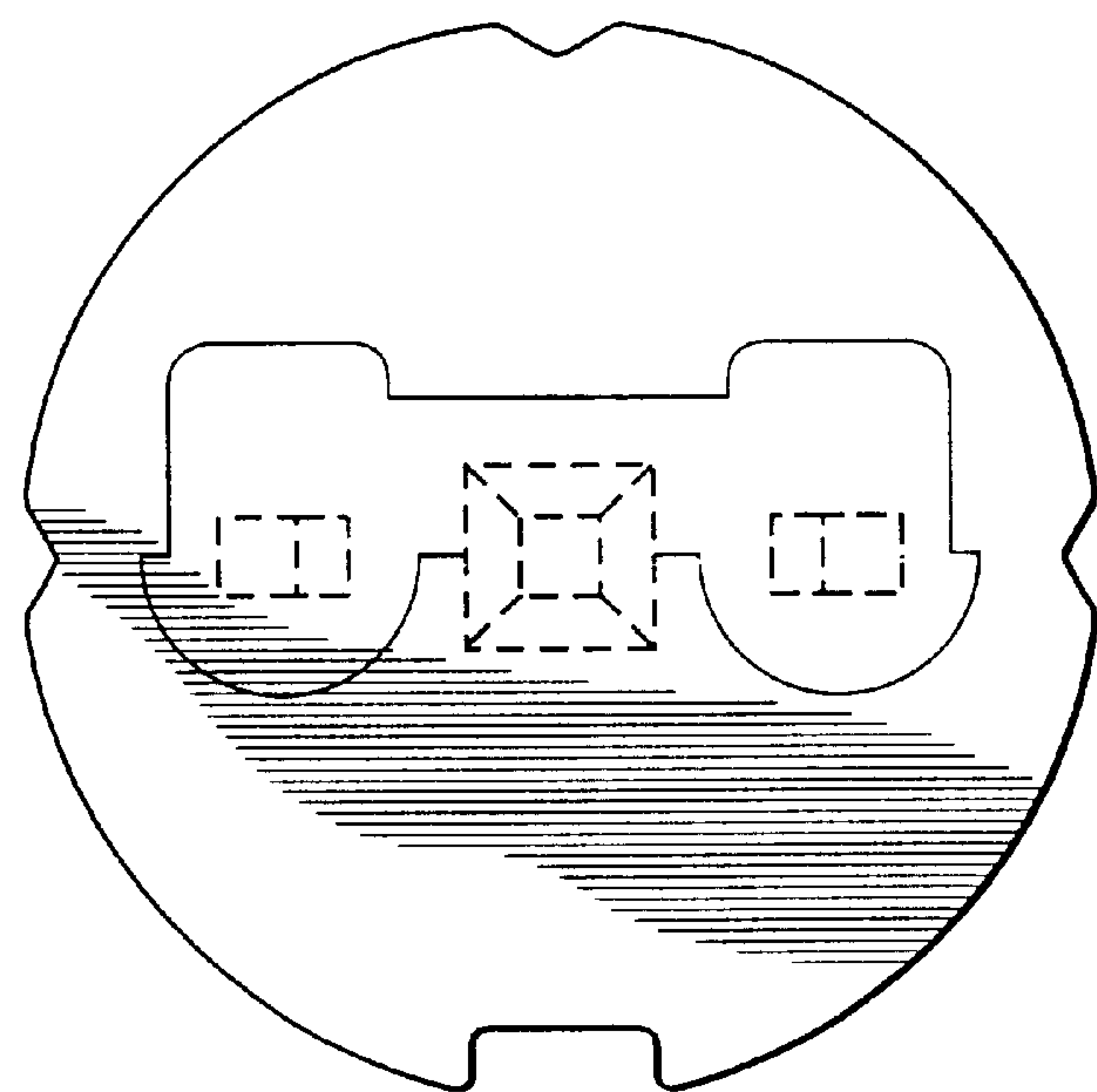


Fig. 11

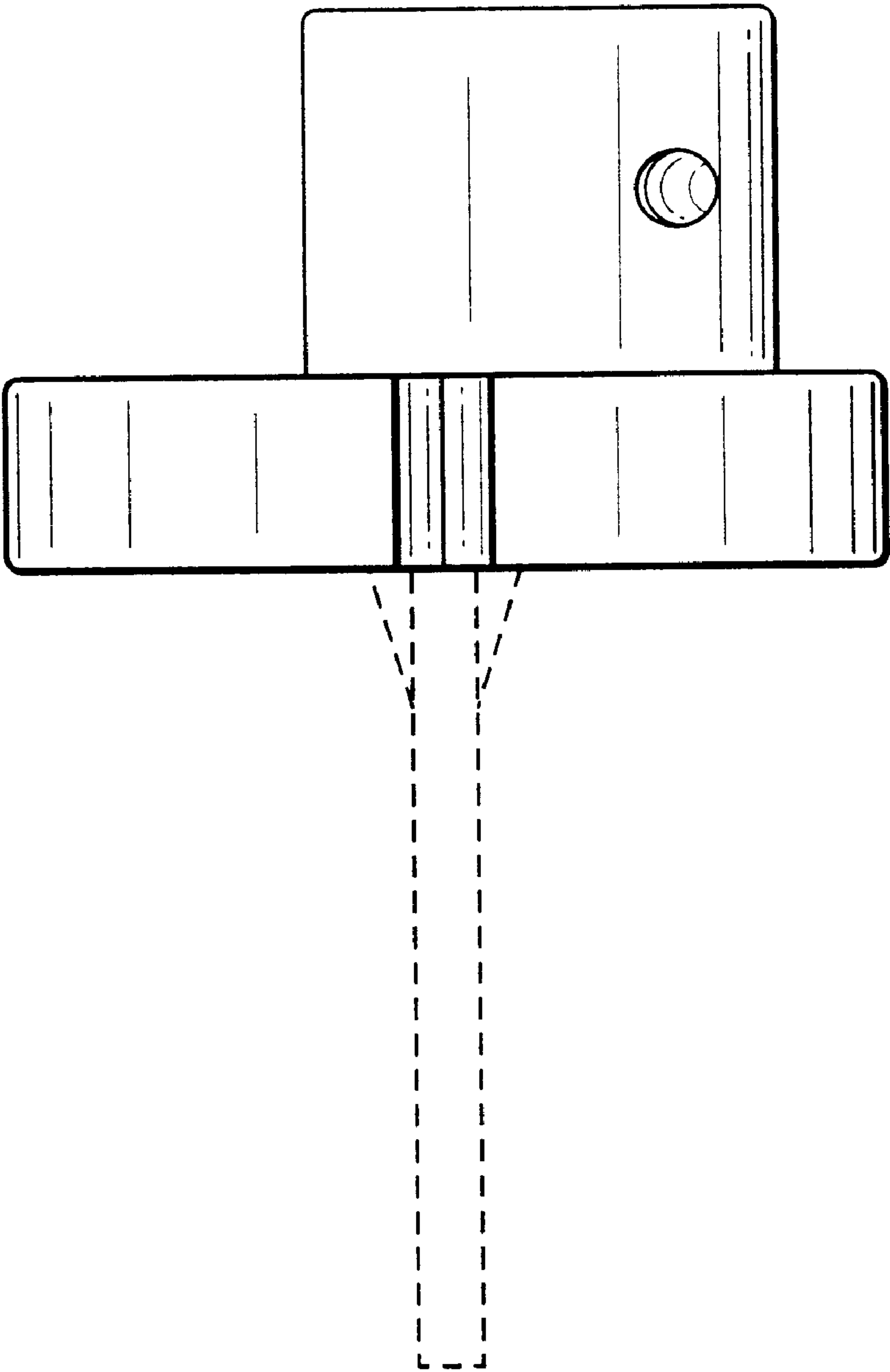


Fig. 12