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(12) **United States Design Patent** (10) **Patent No.:** **US D475,066 S**
Kagami et al. (45) **Date of Patent:** **** *May 27, 2003**

(54) **DIAPHRAGM-TYPE PROCESS PUMP FOR TRANSFERRING VARIOUS FLUIDS BY MOVING A DIAPHRAGM WITH COMPRESSED AIR**

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(*) Notice: This patent is subject to a terminal disclaimer.

(**) Term: **14 Years**

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(30) **Foreign Application Priority Data**

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(51) **LOC (7) Cl.** **15-02**

(52) **U.S. Cl.** **D15/7**

(58) **Field of Search** D15/7-9; 417/40,
417/410.1, 413.1, 423.3; 200/84 B

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(57) **CLAIM**

An ornamental design for a diaphragm-type process pump for transferring various fluids by moving a diaphragm with compressed air, as shown and described.

DESCRIPTION

FIG. 1 is a front view.

FIG. 2 is a rear view.

FIG. 3 is a plan view.

FIG. 4 is a right-hand side view.

FIG. 5 is a left-hand side view.

FIG. 6 is a sectional view taken along the line 6—6, in which illustration of the internal mechanism is partly omitted; and, FIG. 7 is a reference perspective view.

A bottom view is omitted because it is in symmetry with the plan view.

1 Claim, 3 Drawing Sheets

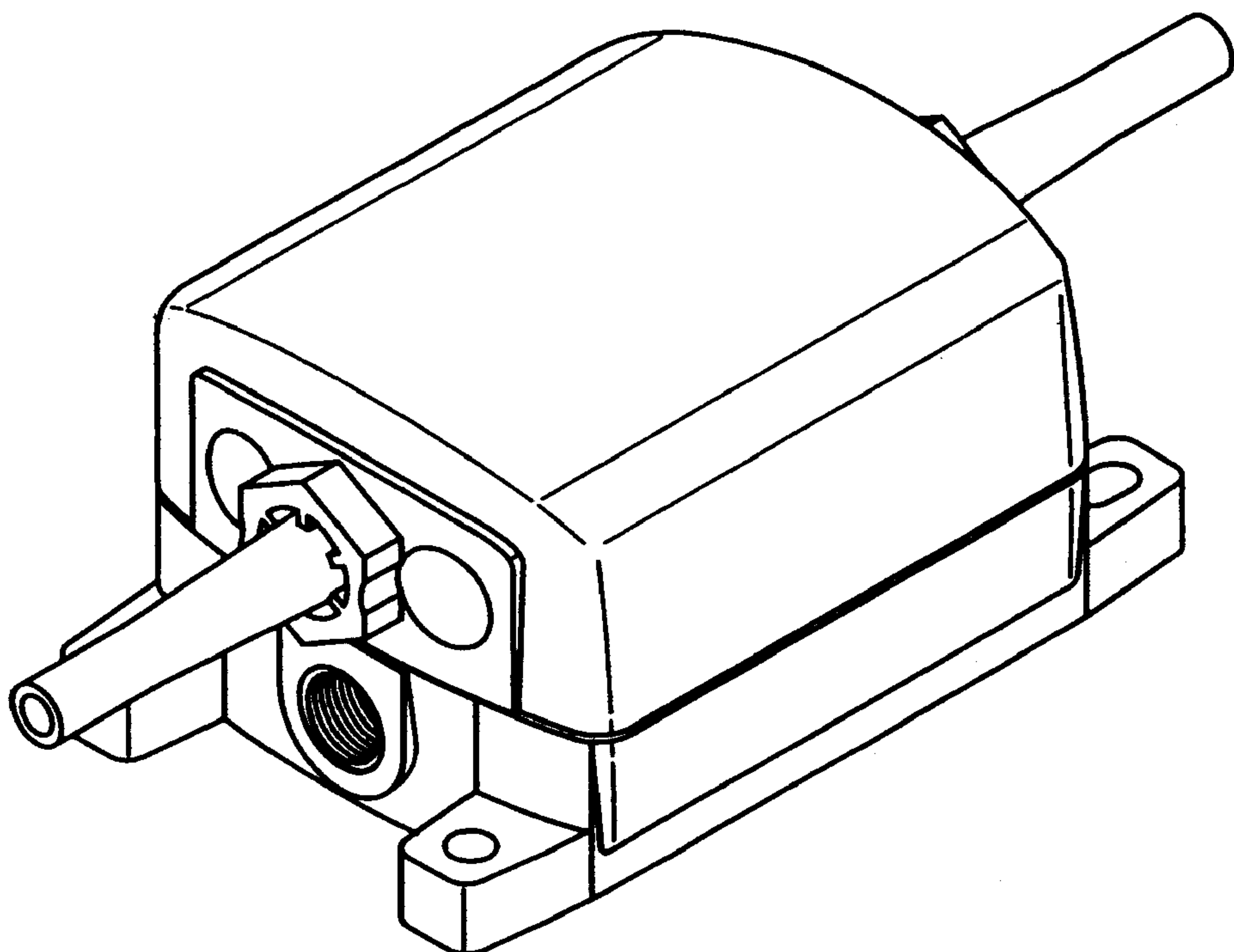


FIG.1

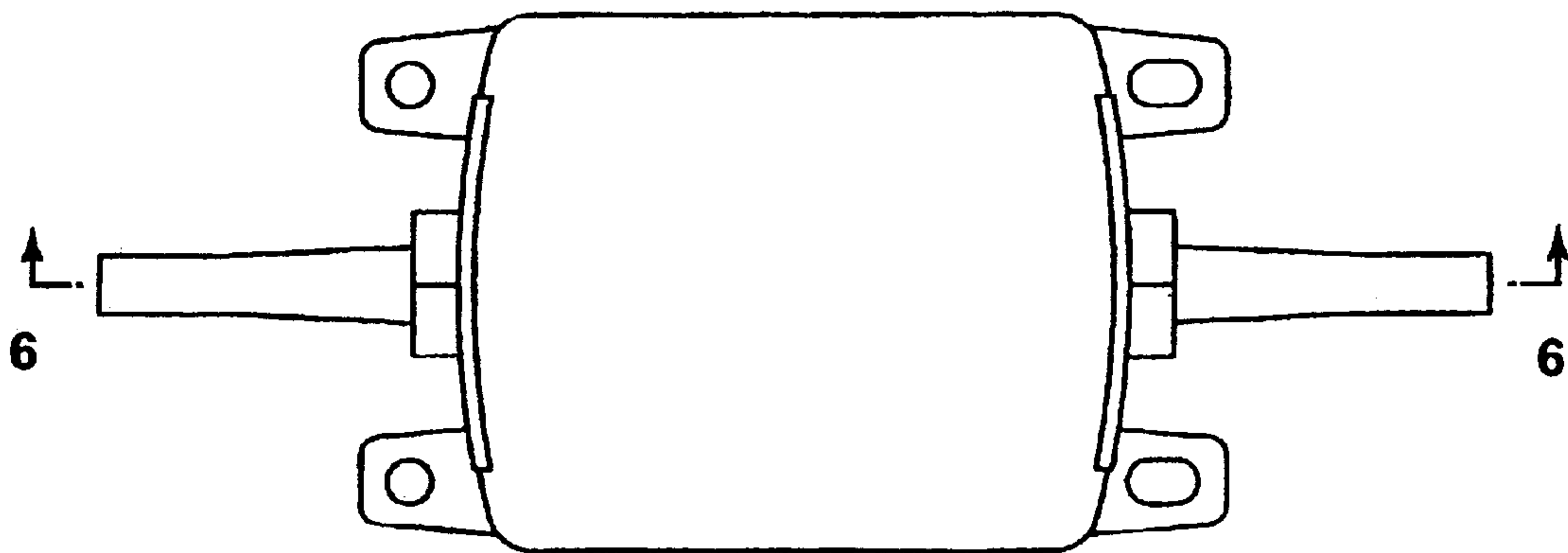


FIG.2

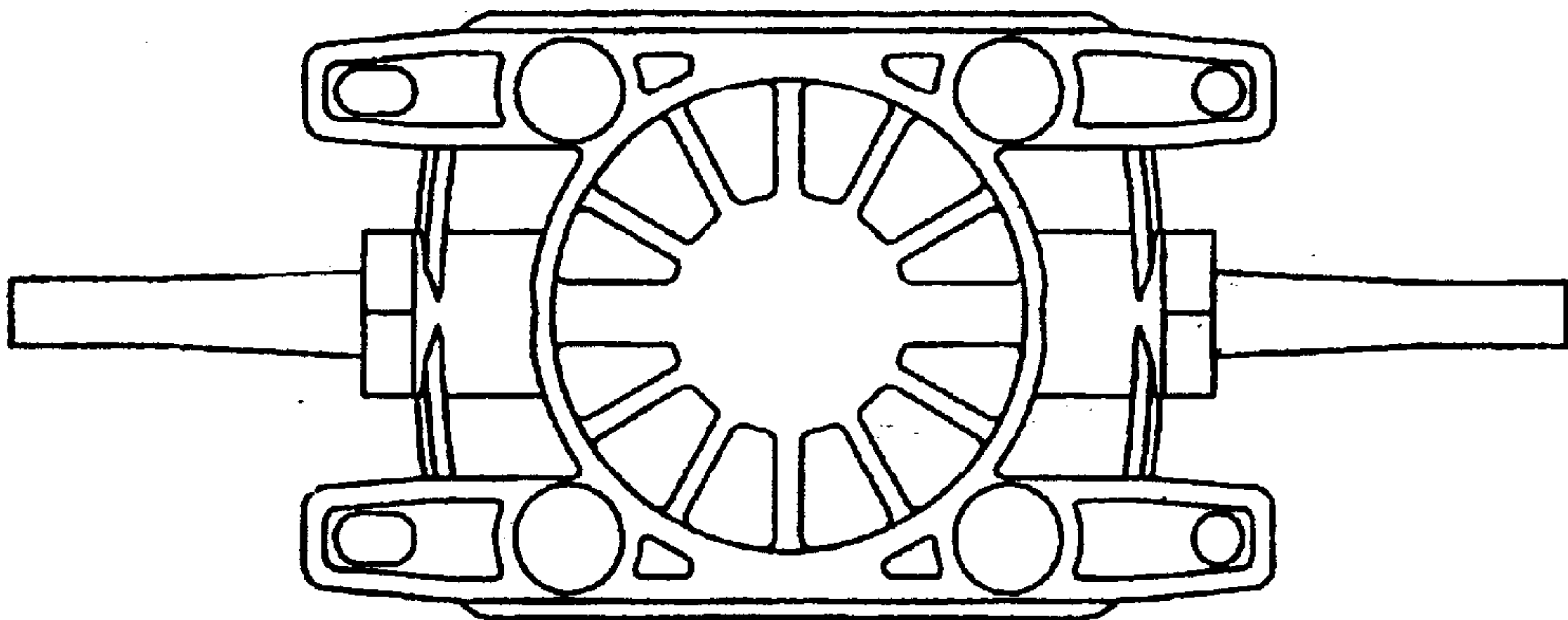


FIG.3

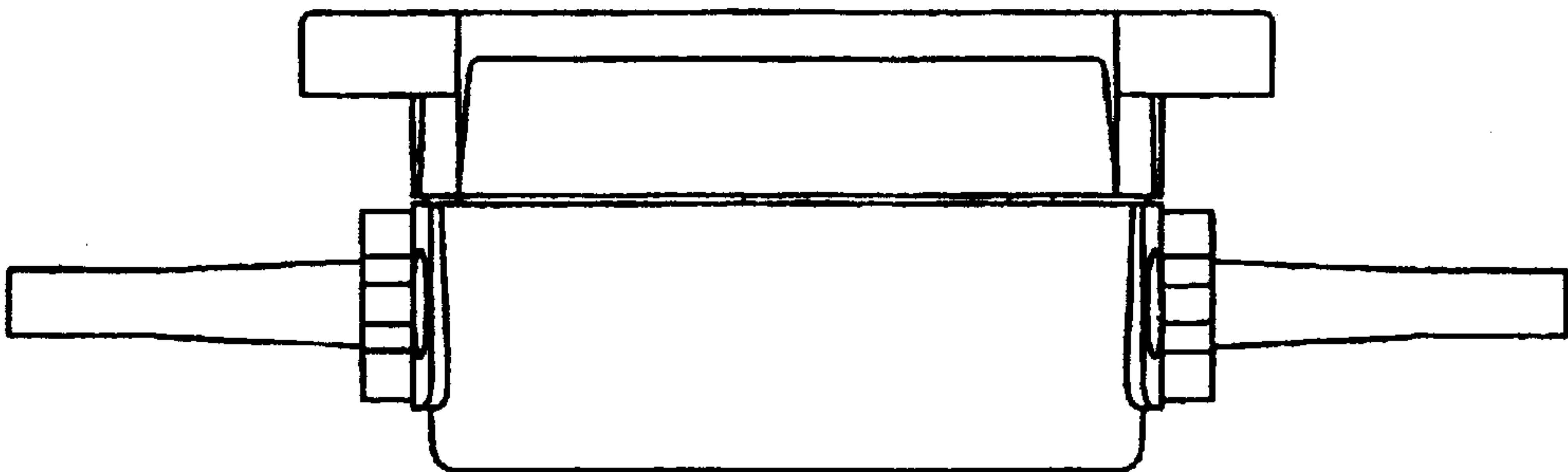


FIG.4

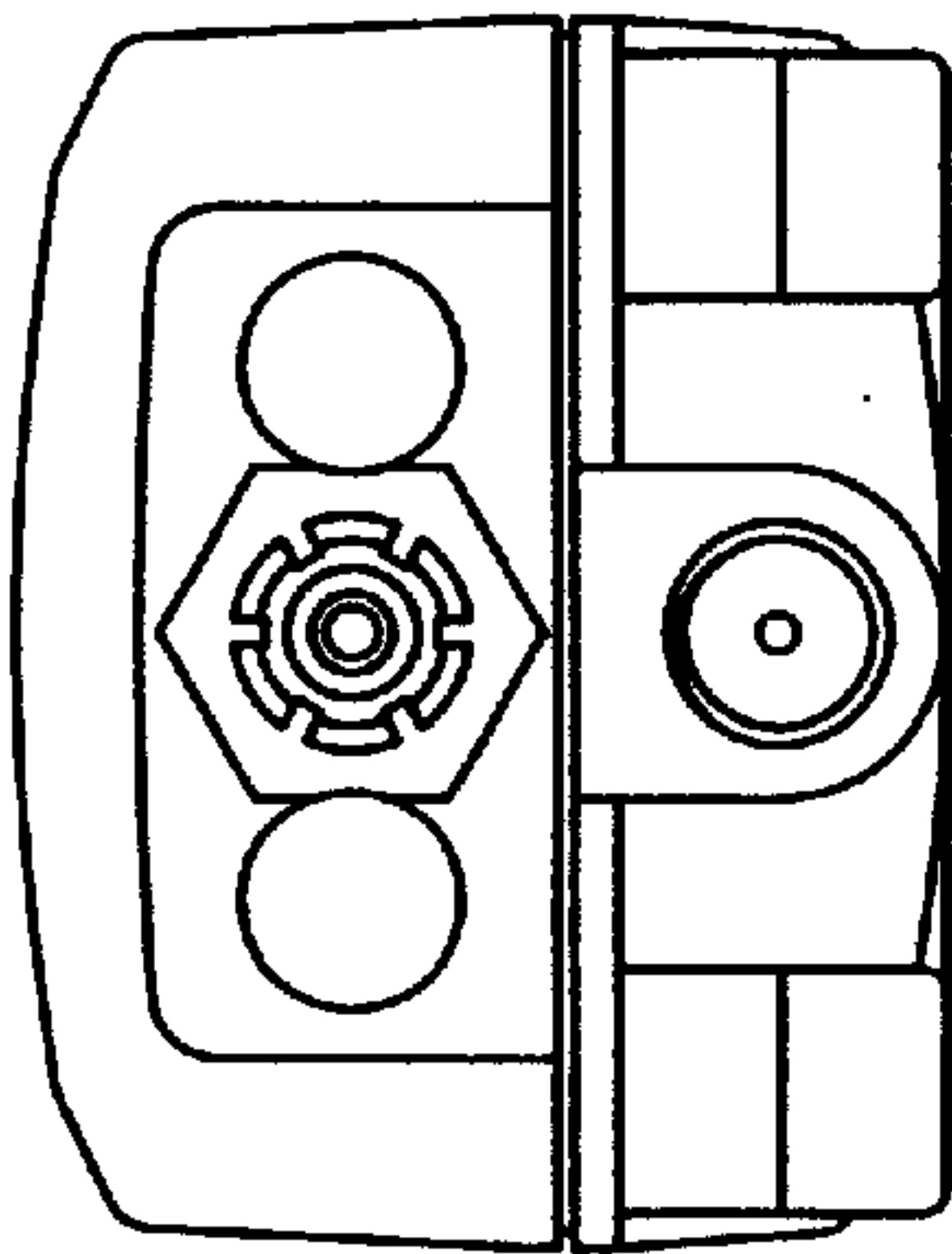


FIG.5

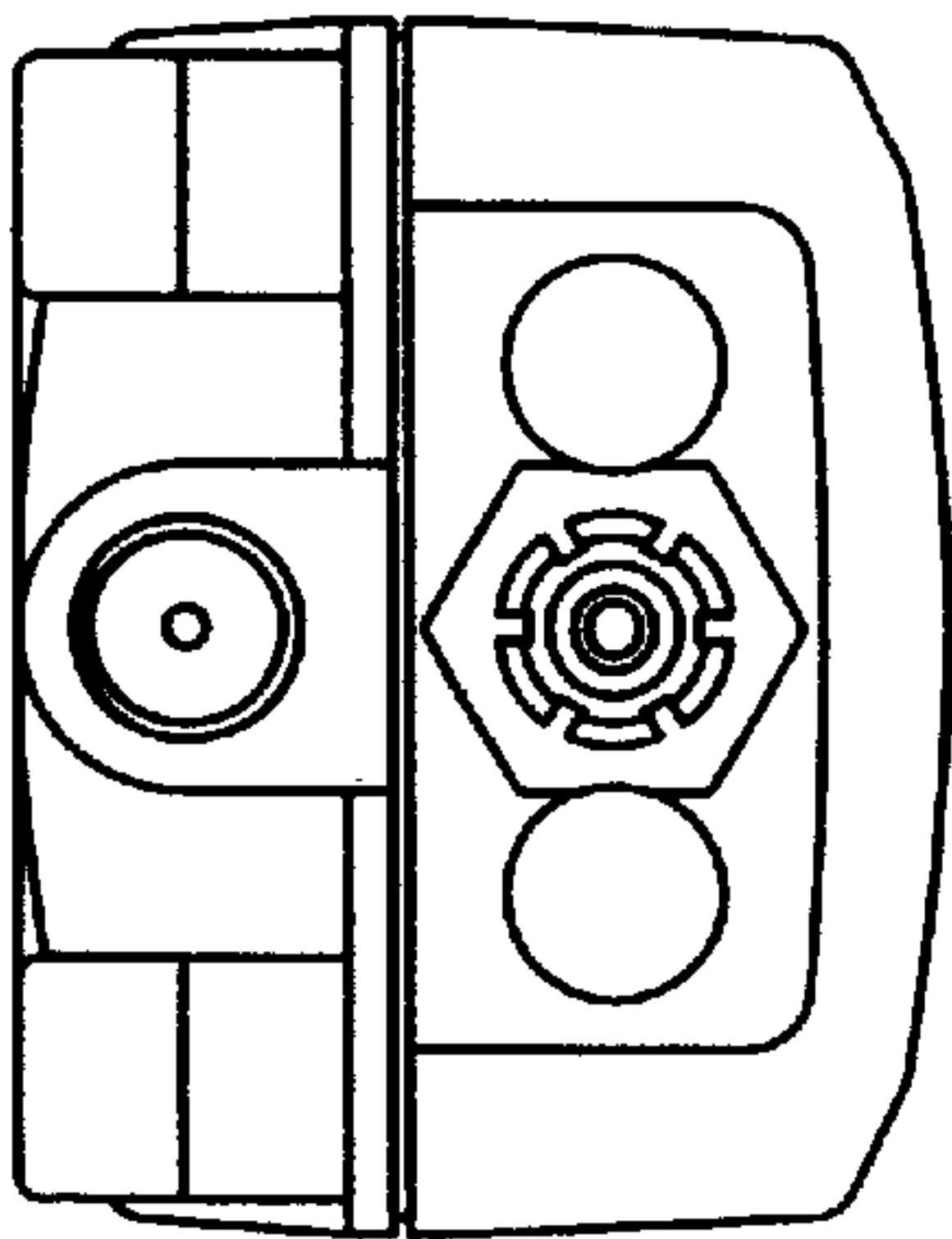


FIG.6

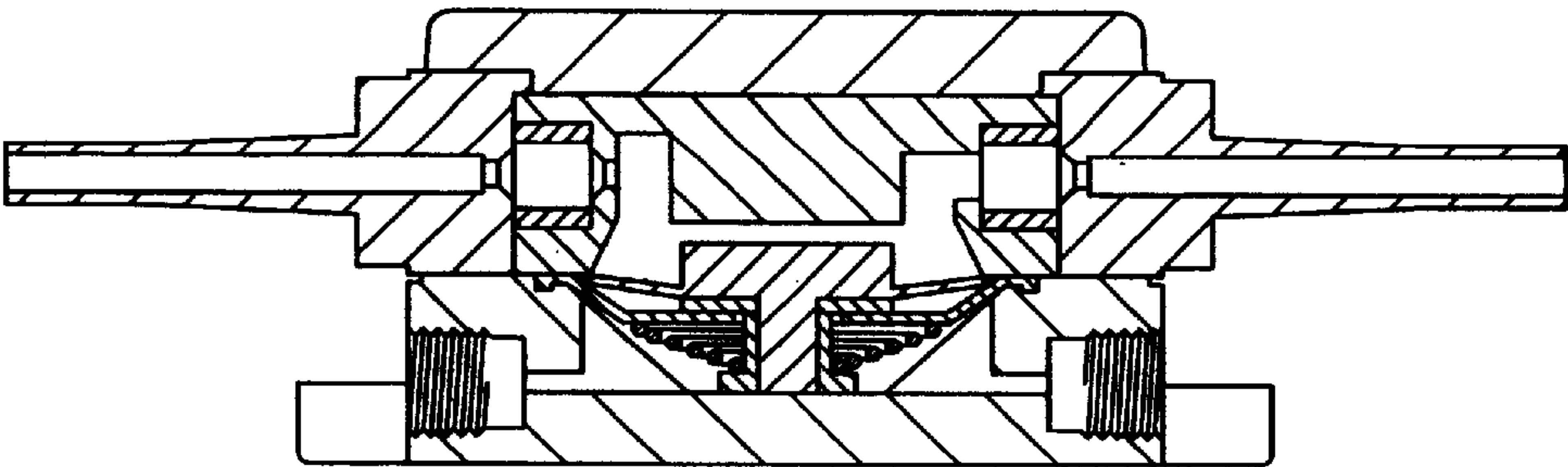


FIG.7

