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(12) **United States Design Patent** (10) **Patent No.:** **US D1,104,219 S**
Wu et al. (45) **Date of Patent:** **** Dec. 2, 2025**

(54) **EXPANSION VALVE**

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(72) Inventors: **Jiang Wu**, Nordborg (DK); **Jinfeng Bao**, Nordborg (DK)

(73) Assignee: **DANFOSS A/S**, Nordborg (DK)

(**) Term: **15 Years**

(21) Appl. No.: **29/986,109**

(22) Filed: **Jan. 17, 2025**

Related U.S. Application Data

(62) Division of application No. 29/828,283, filed on Feb. 25, 2022.

(30) **Foreign Application Priority Data**

Aug. 26, 2021 (CN) 202130560258.8

(51) **LOC (15) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/233**

(58) **Field of Classification Search**
USPC D23/233, 235, 248, 325
CPC F16K 31/02; F25B 41/062; F25B 41/31
See application file for complete search history.

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(57) **CLAIM**

The ornamental design for an expansion valve as shown and described.

DESCRIPTION

FIG. 1 is a front, left and top perspective view of an expansion valve comprising a new, original and ornamental design;

FIG. 2 is a top view thereof;

FIG. 3 is a bottom view thereof;

FIG. 4 is a front view thereof;

FIG. 5 is a rear view thereof;

FIG. 6 is a left view thereof;

FIG. 7 is a right view thereof;

FIG. 8 is a front, left and top perspective view of an expansion valve comprising a new, original and ornamental design according to another embodiment;

FIG. 9 is a top view thereof;

FIG. 10 is a bottom view thereof;

FIG. 11 is a front view thereof;

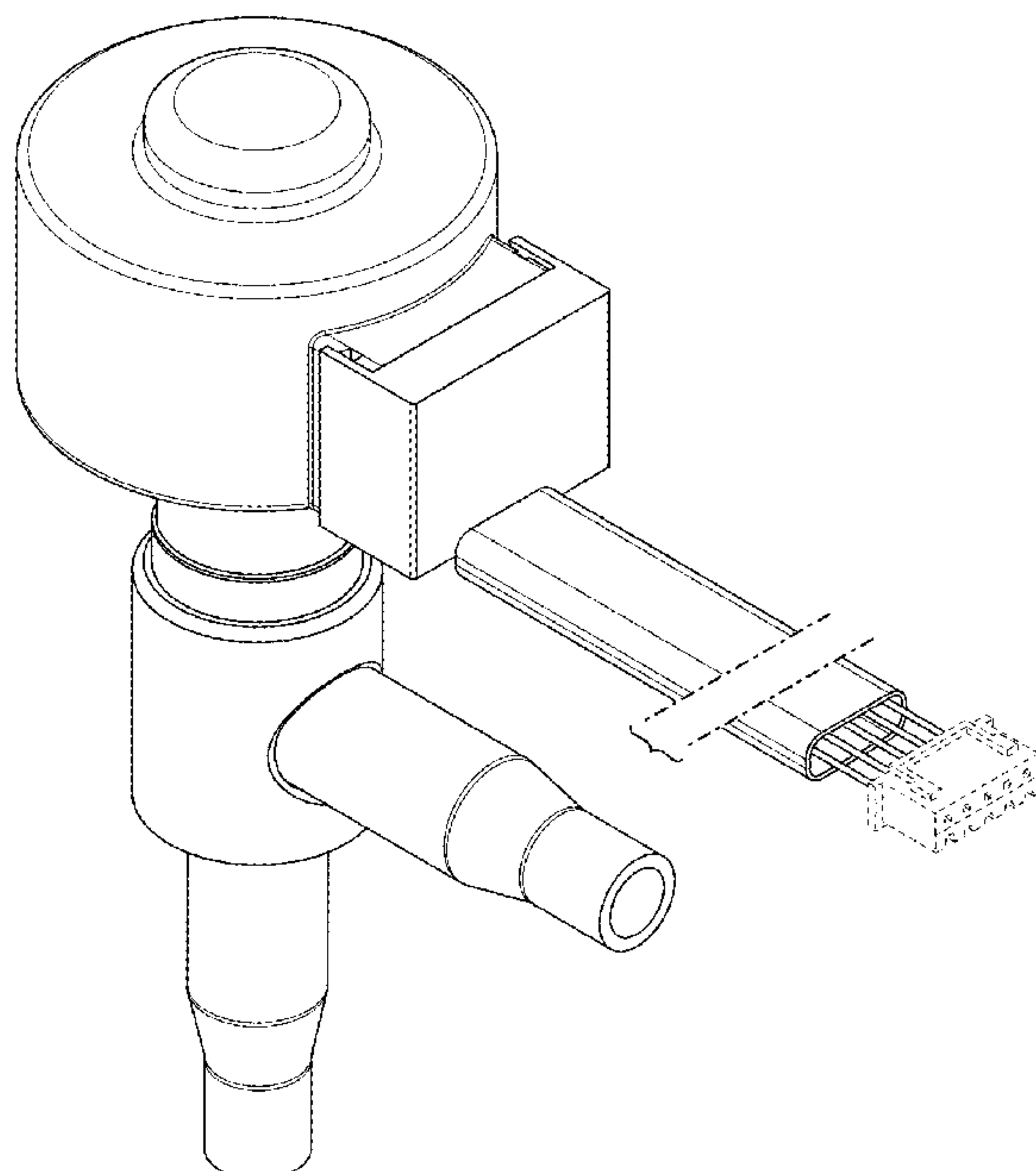
FIG. 12 is a rear view thereof;

FIG. 13 is a left view thereof; and,

FIG. 14 is a right view thereof.

The broken lines illustrate portions of the expansion valve and form no part of the claimed design. The expansion valve is shown with symbolic breaks in its length. The appearance of any portion of the expansion valve between the break lines forms no part of the claimed design.

1 Claim, 14 Drawing Sheets



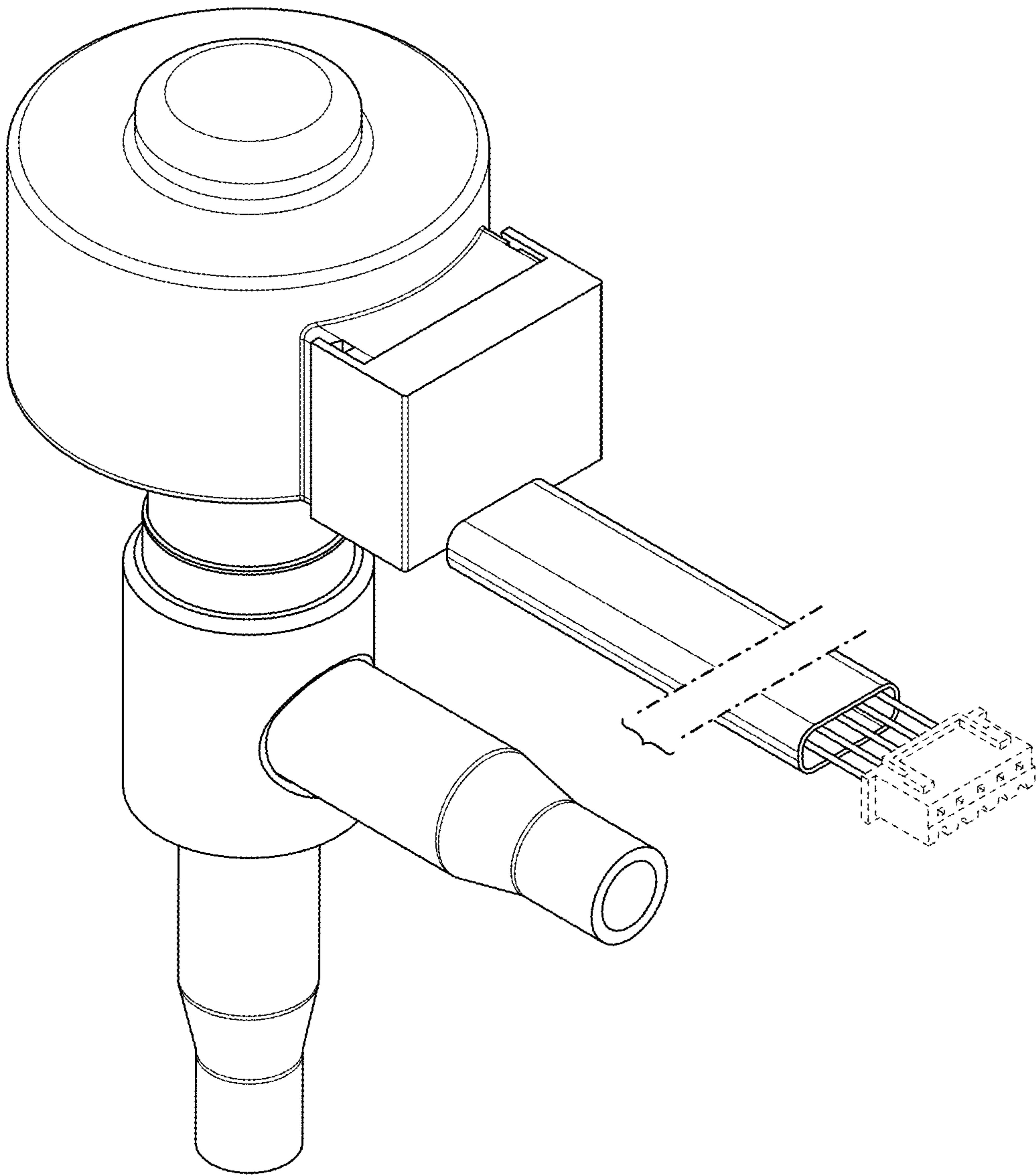


FIG. 1

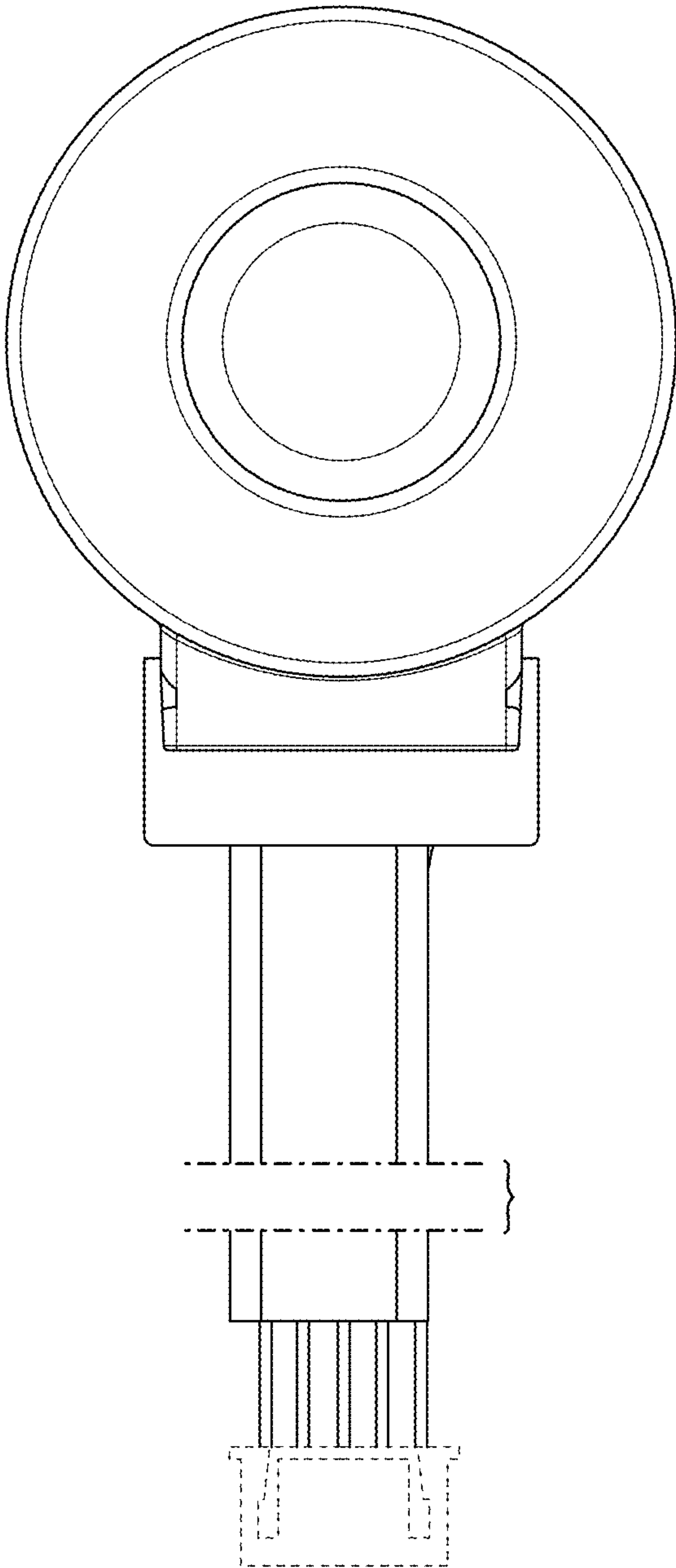


FIG. 2

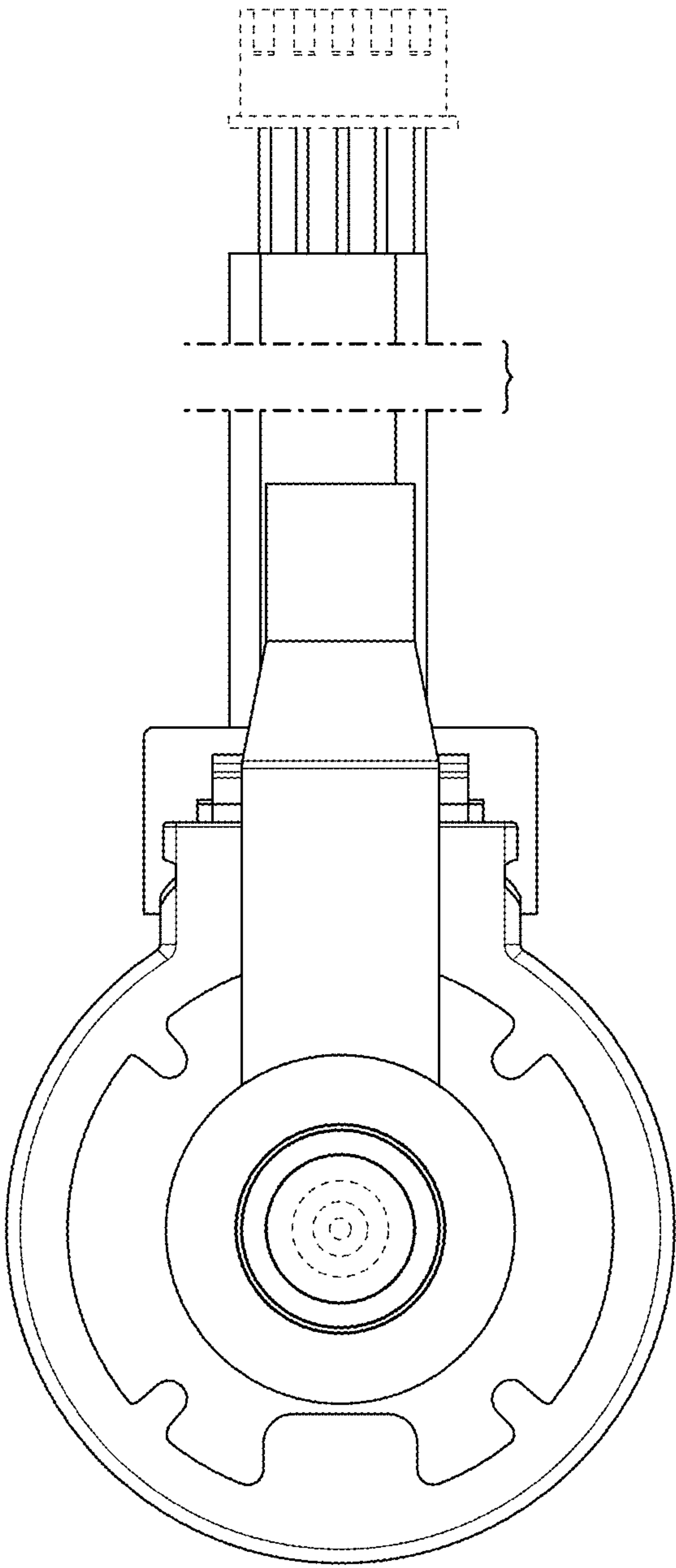


FIG. 3

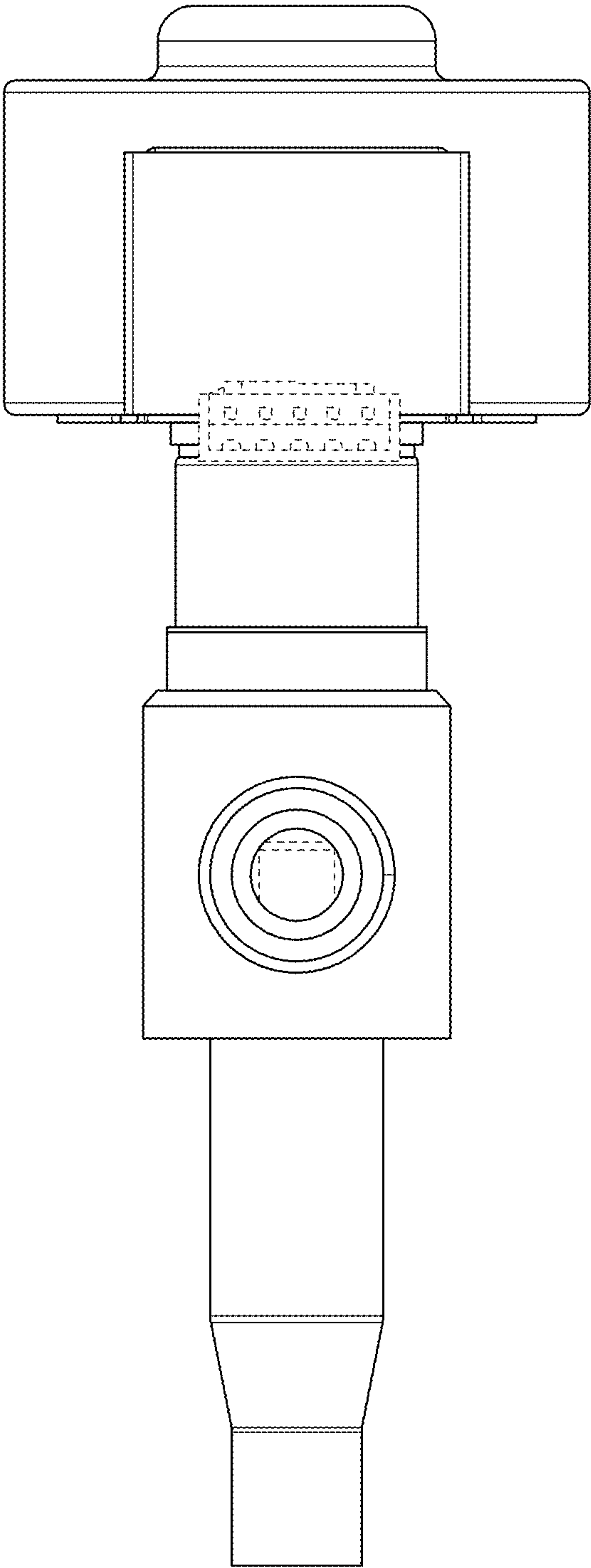


FIG. 4

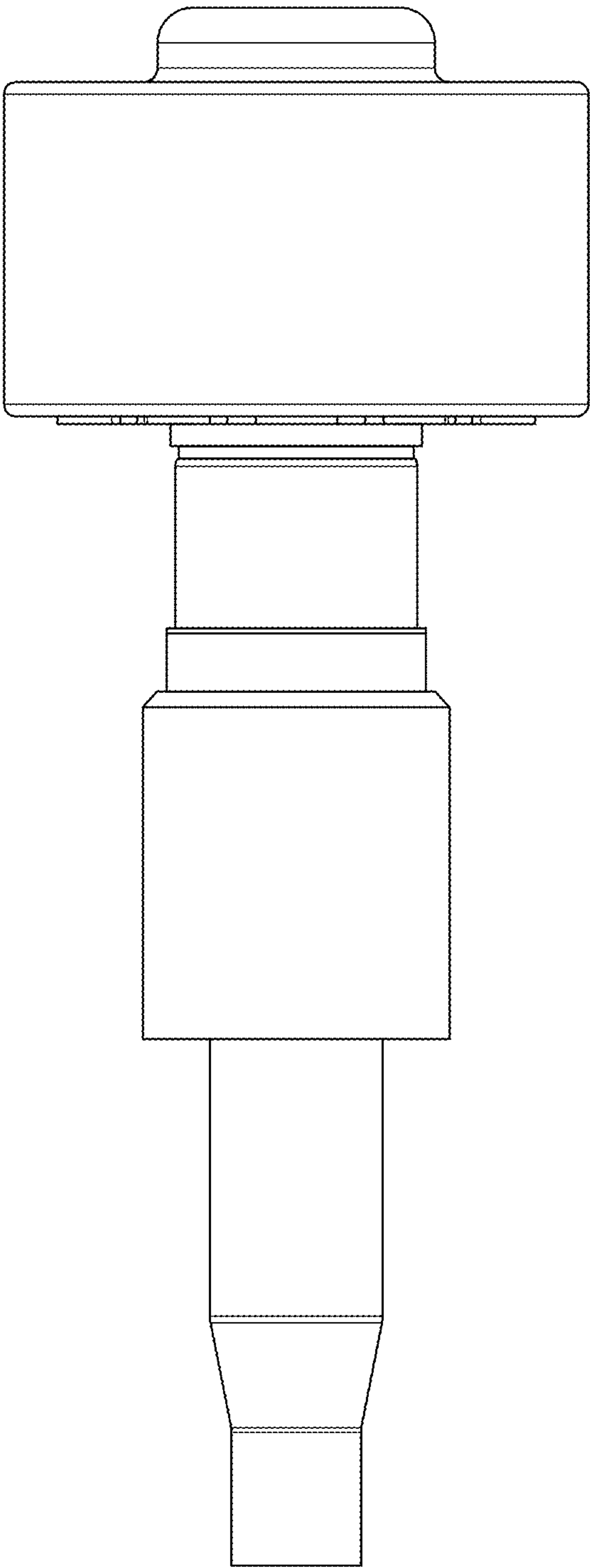


FIG. 5

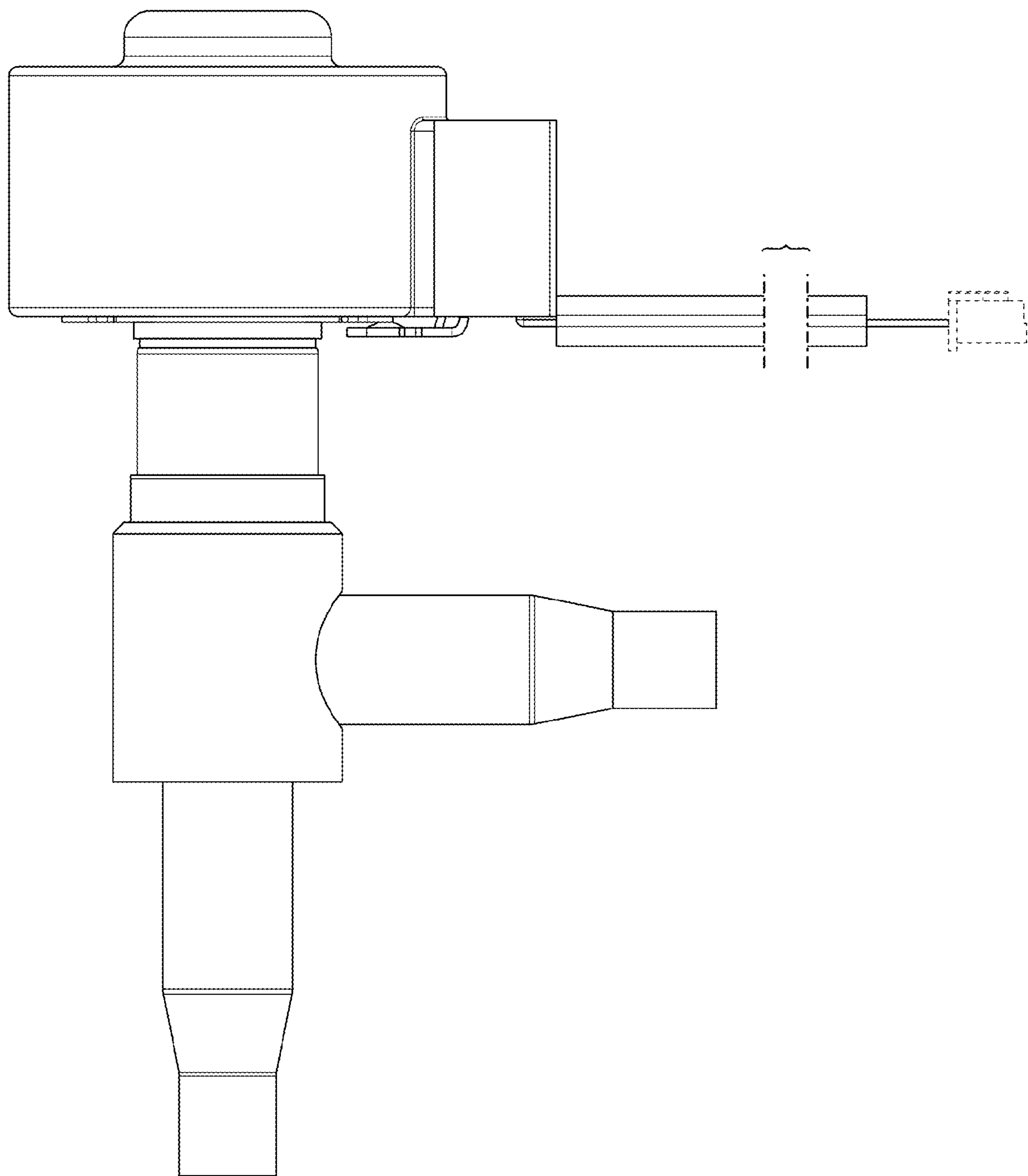


FIG. 6

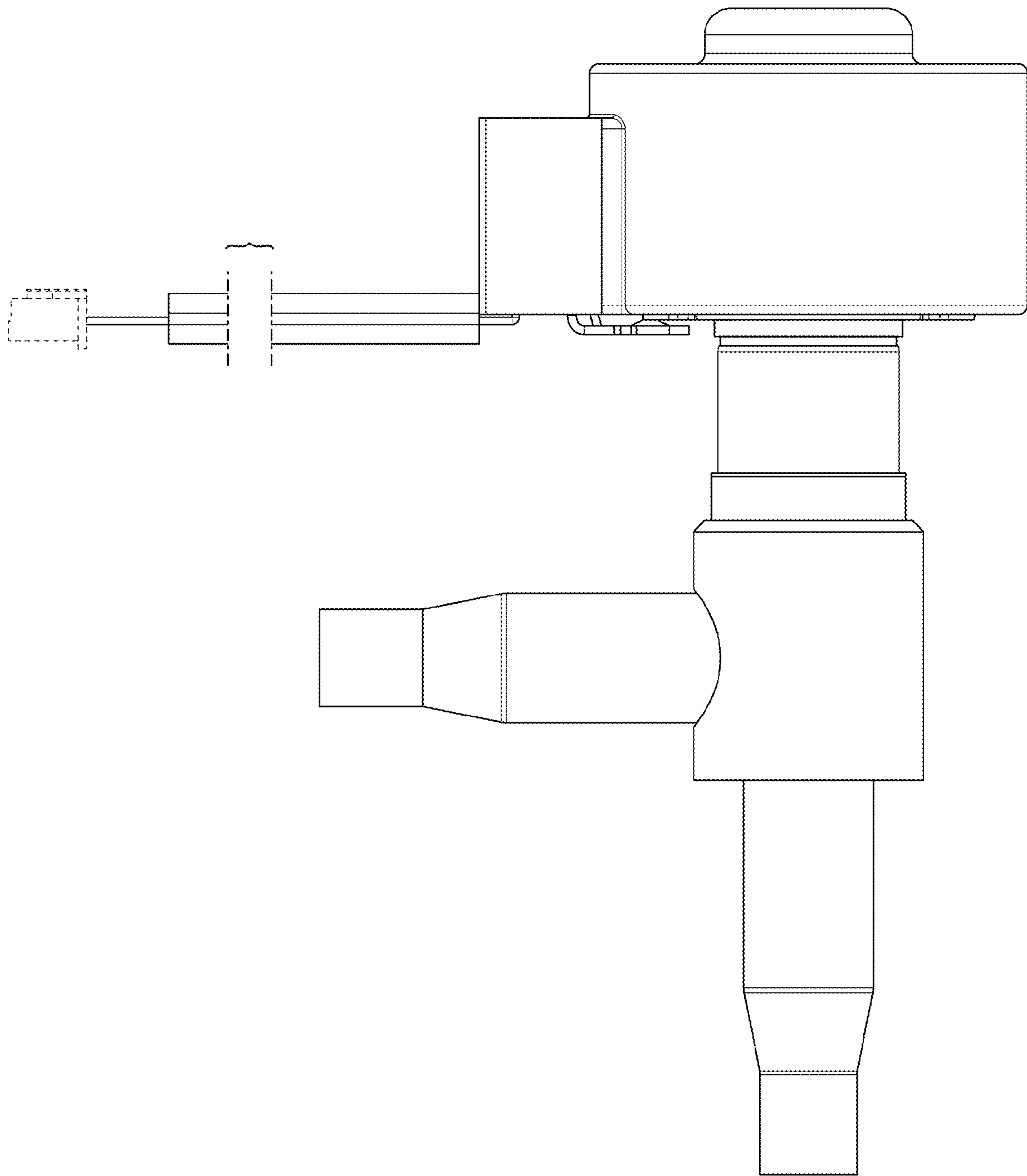


FIG. 7

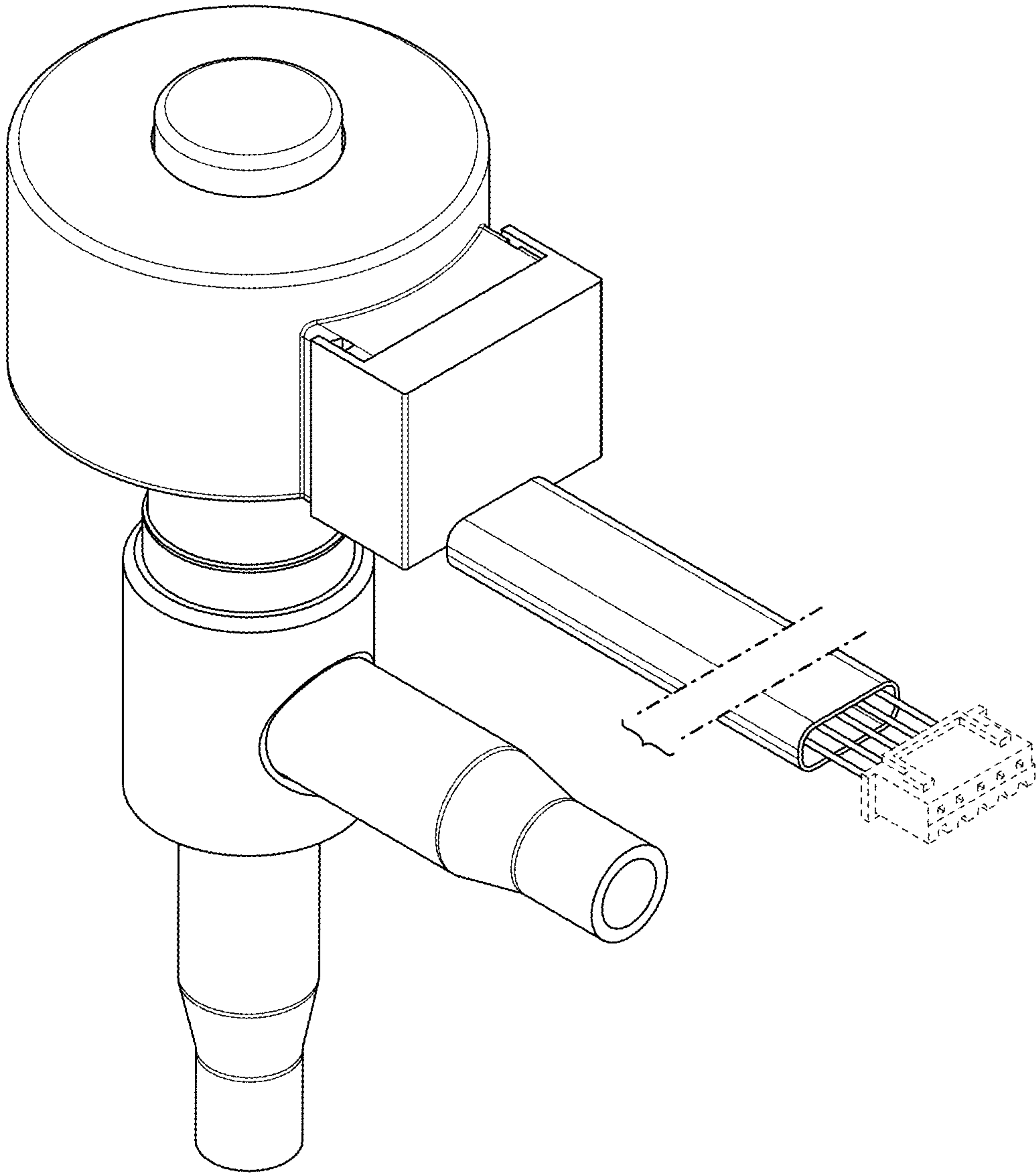


FIG. 8

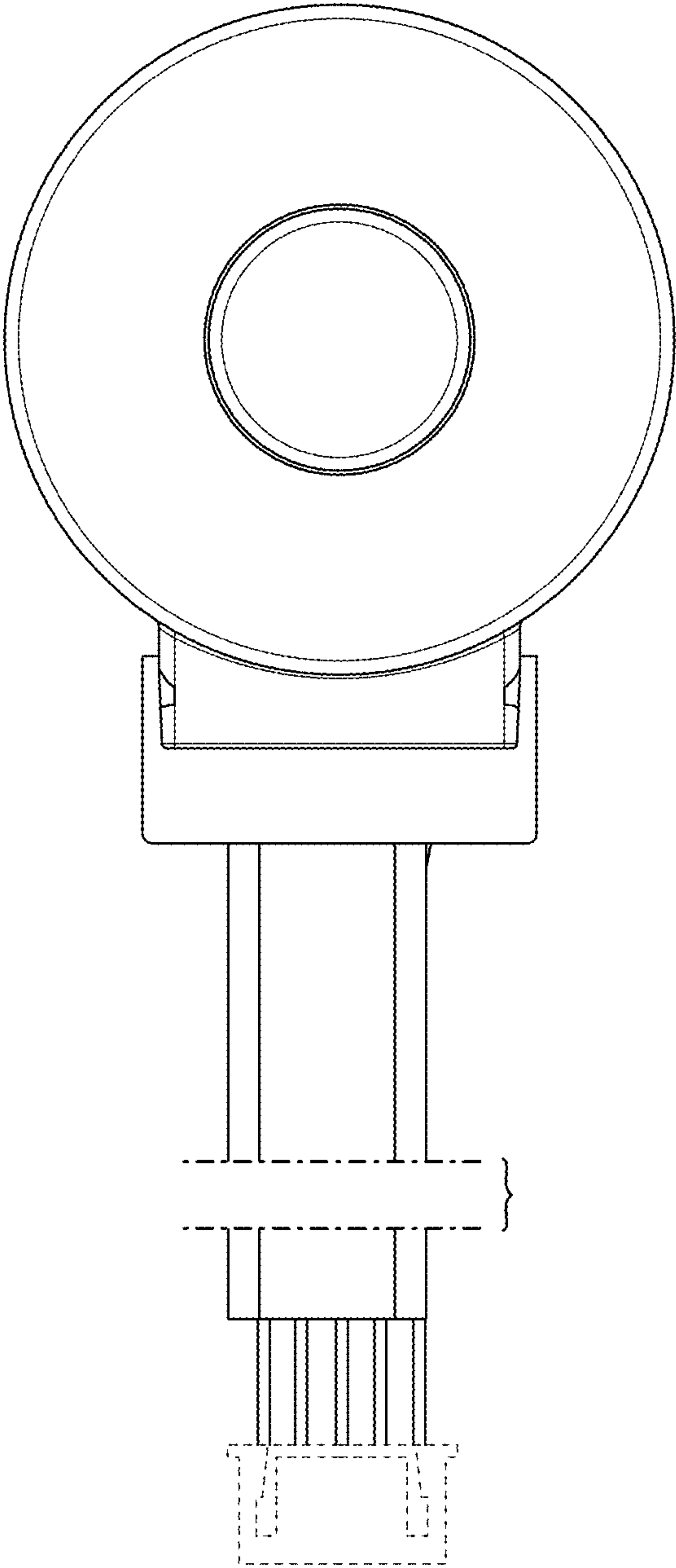


FIG. 9

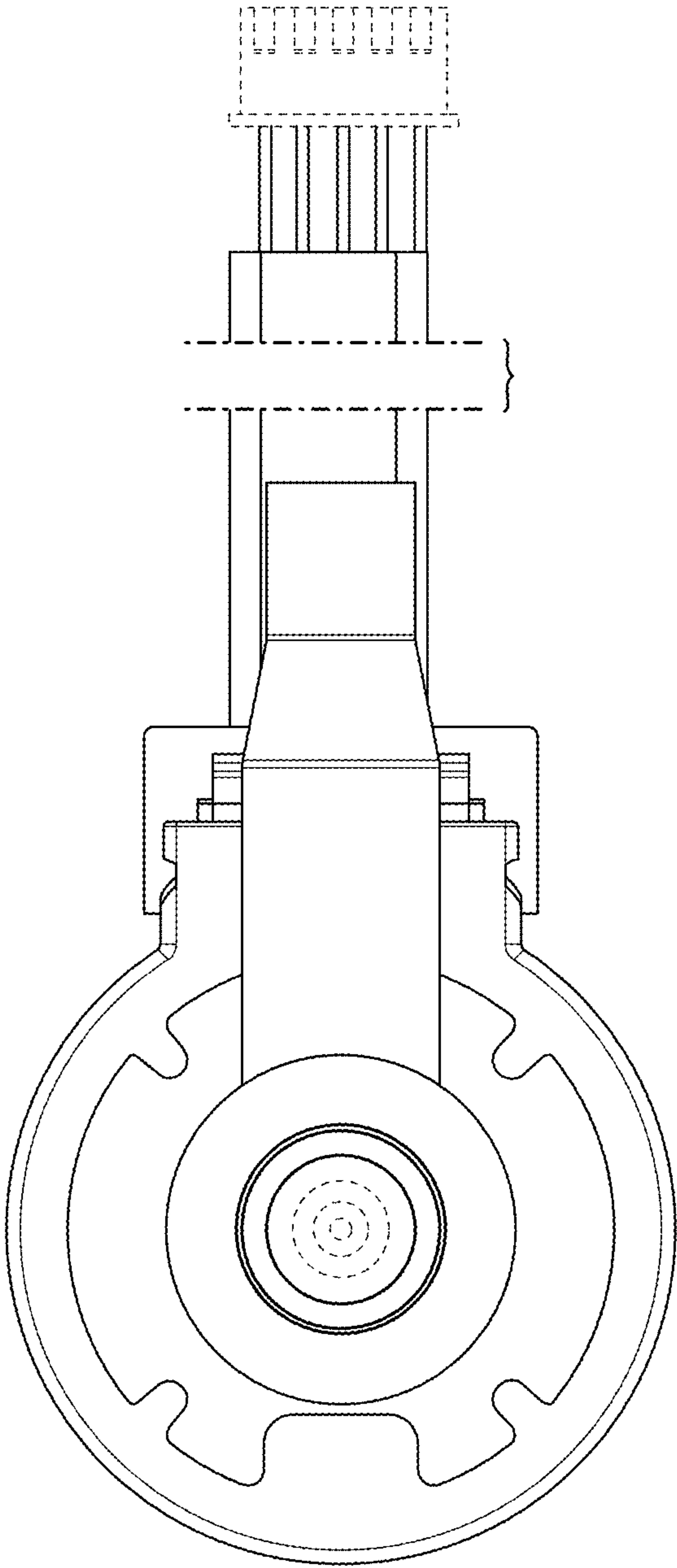


FIG. 10

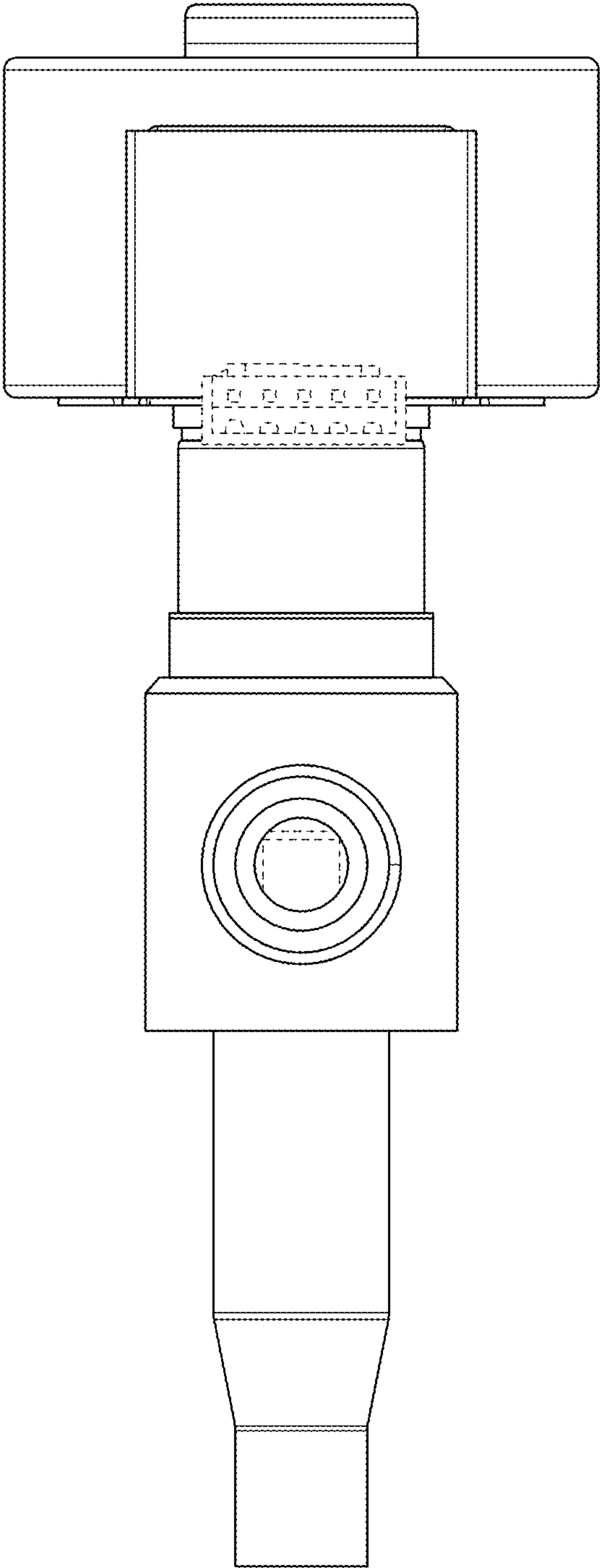


FIG. 11

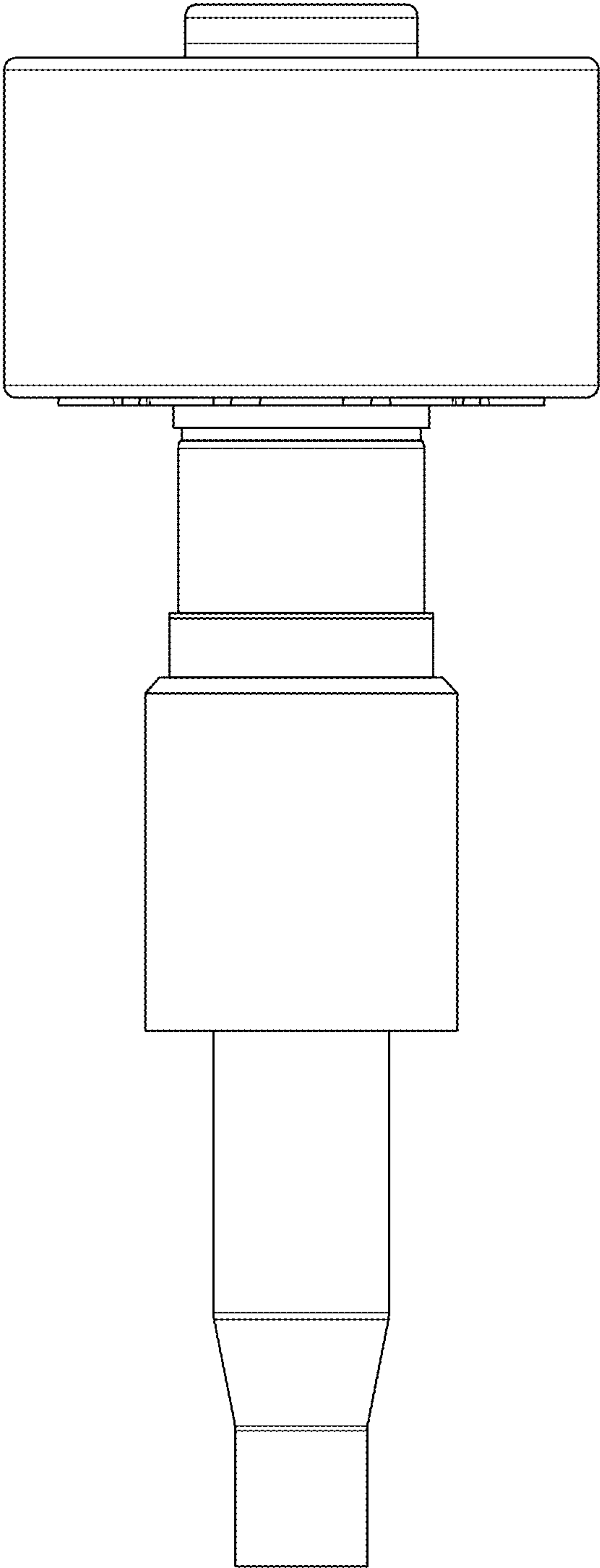


FIG. 12

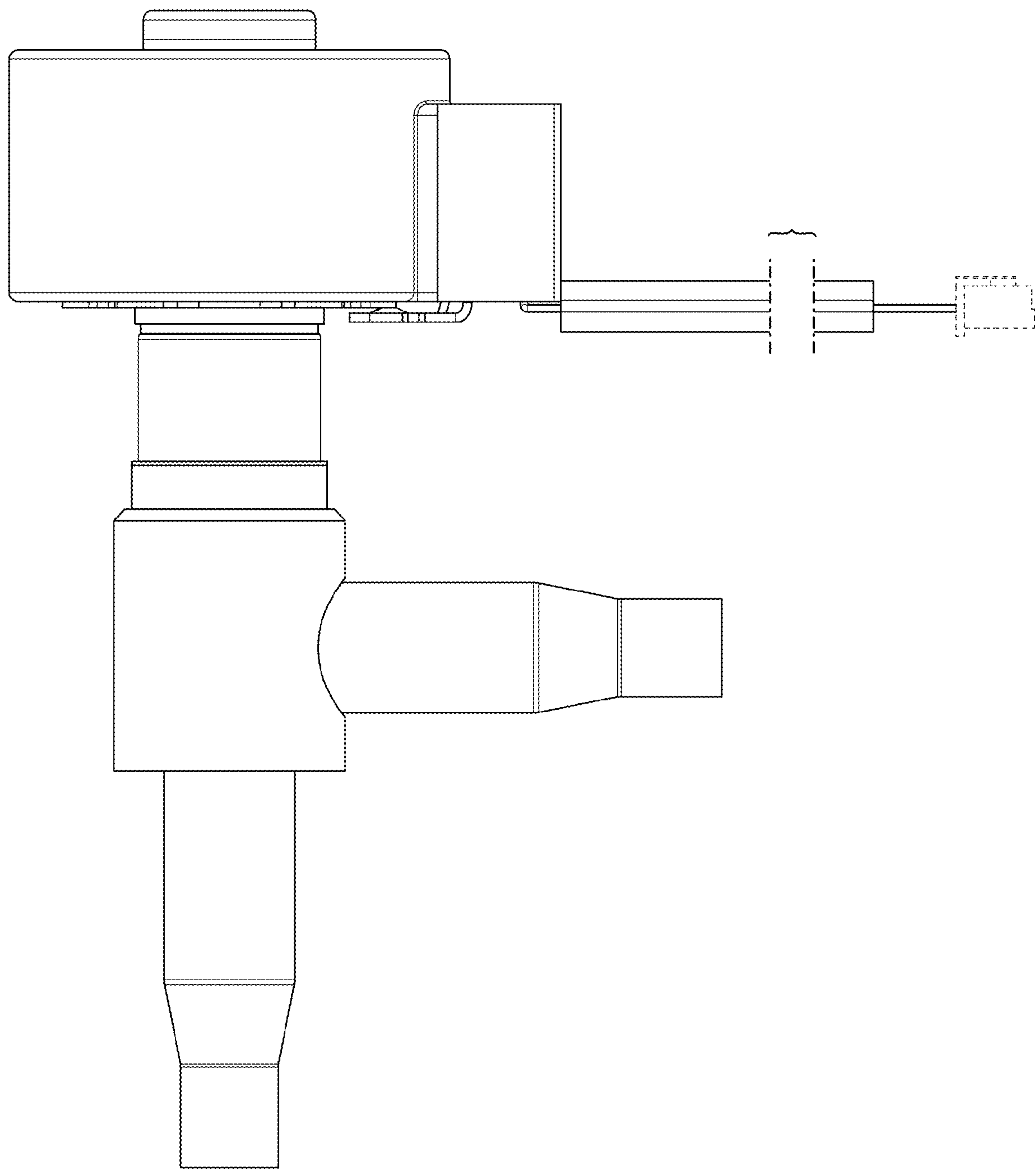


FIG. 13

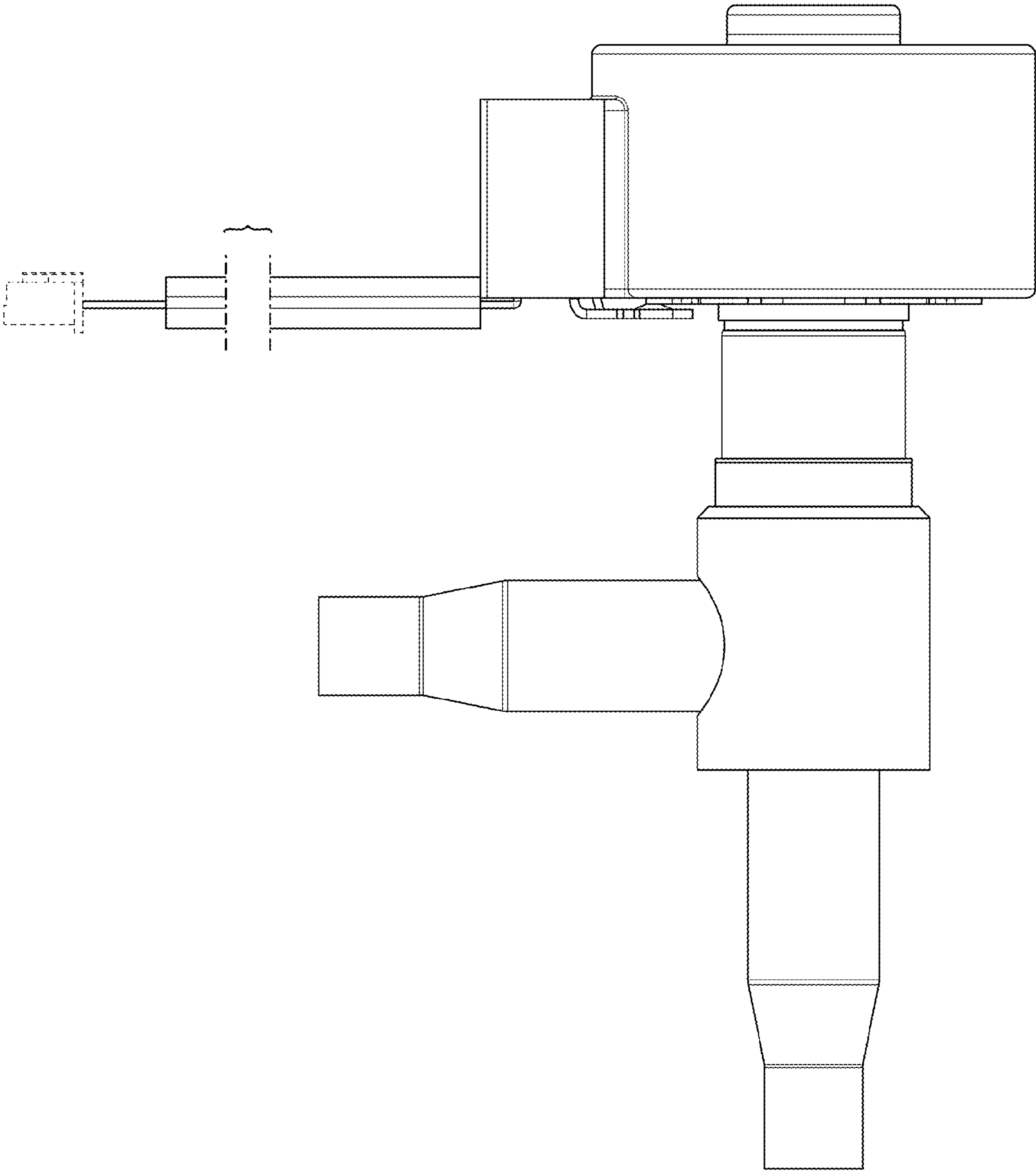


FIG. 14