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(12) **United States Design Patent** (10) **Patent No.:** **US D886,157 S**
Laurino et al. (45) **Date of Patent:** **** Jun. 2, 2020**

(54) **HIGH PRESSURE MANUAL PUMP WITH DETACHABLE MANIFOLD AND HIGH PRESSURE PNEUMATIC CALIBRATION MANIFOLD**

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(71) Applicant: **Fluke Corporation**, Everett, WA (US)

(57) **CLAIM**

(72) Inventors: **Ferdinand Y. Laurino**, Seattle, WA (US); **Simon J. Page**, Snohomish, WA (US)

The ornamental design for a high pressure manual pump with detachable manifold and high pressure pneumatic calibration manifold, as shown and described.

(73) Assignee: **Fluke Corporation**, Everett, WA (US)

DESCRIPTION

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

(21) Appl. No.: **29/619,670**

(22) Filed: **Sep. 29, 2017**

(51) **LOC (12) Cl.** **15-02**

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

(58) **Field of Classification Search**
USPC D15/7-9; D23/231, 232, 225; 417/60, 417/235, 265, 321, 355, 358, 363, 359, 417/410.1, 415-416, 405, 900, 269, 539; 60/408, 412; 184/26-37; 415/140-147; 123/495, 509; 137/565.34
CPC F02M 37/04; F02M 37/14; F04B 53/92; F04B 1/005; F04D 13/06; F04D 29/22; F04D 29/046; F04D 29/2266
See application file for complete search history.

FIG. 1 is a top front left perspective view of a high pressure manual pump with detachable manifold and high pressure pneumatic calibration manifold showing our new design. FIG. 2 is a bottom rear right perspective view thereof. FIG. 3 is a left side elevation view thereof. FIG. 4 is a front elevation view thereof. FIG. 5 is a top plan view thereof. FIG. 6 is a rear elevation view thereof. FIG. 7 is a right side elevation view thereof. FIG. 8 is a bottom plan view thereof. FIG. 9 is a top front left perspective view of the high pressure manual pump with detachable manifold and high pressure pneumatic calibration manifold shown in FIG. 1, with rotatable feet shown in an alternative upright position. FIG. 10 is a top front left perspective view of a high pressure manual pump with detachable manifold and high pressure pneumatic calibration manifold showing our new design. FIG. 11 is a bottom rear right perspective view thereof. FIG. 12 is a left side elevation view thereof. FIG. 13 is a front elevation view thereof. FIG. 14 is a top plan view thereof. FIG. 15 is a rear elevation view thereof. FIG. 16 is a right side elevation view thereof; and, FIG. 17 is a bottom plan view thereof. The broken lines in the figures illustrate environment only and form no part of the claimed design.

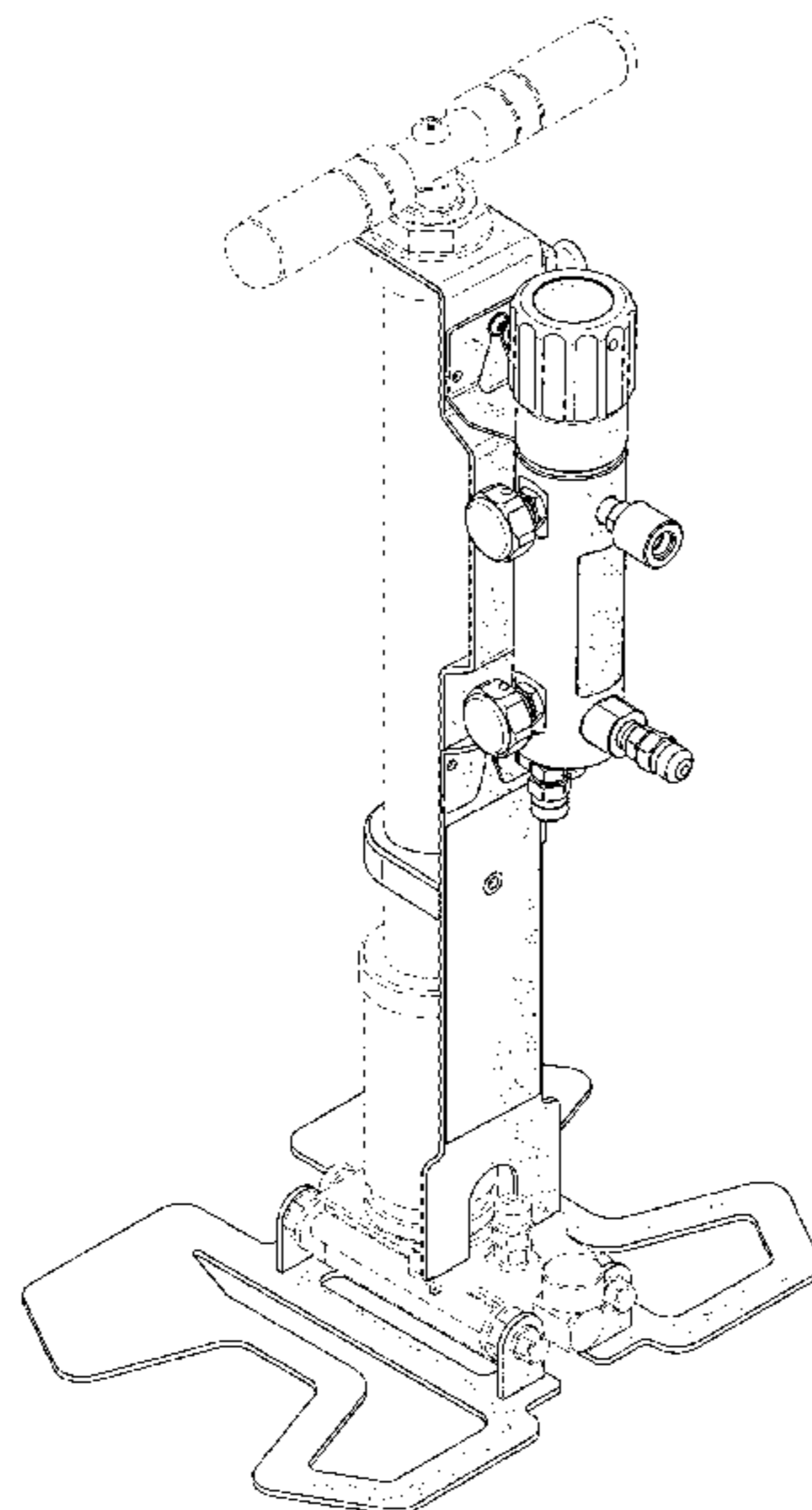
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1 Claim, 17 Drawing Sheets



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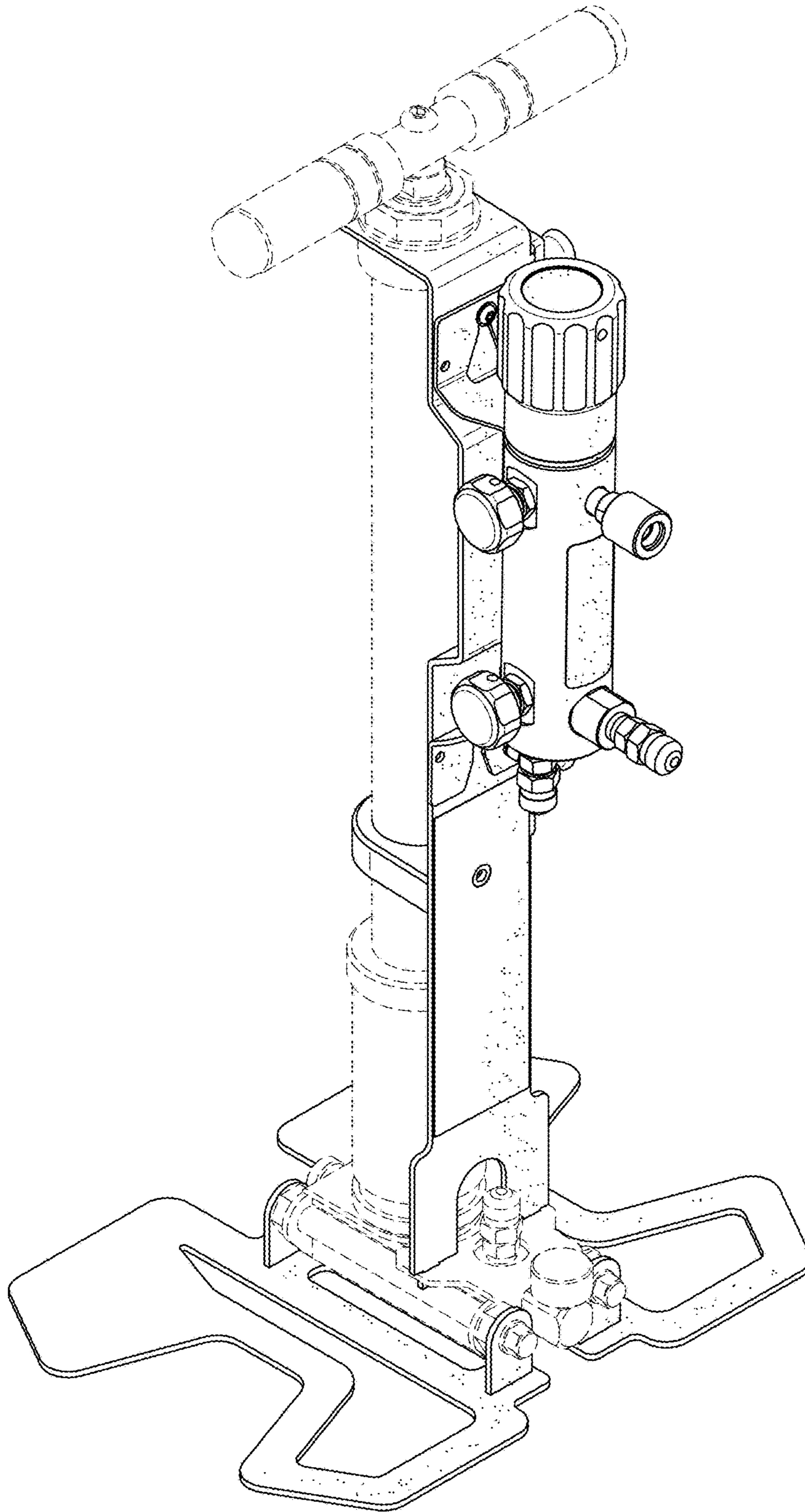


FIG. 1

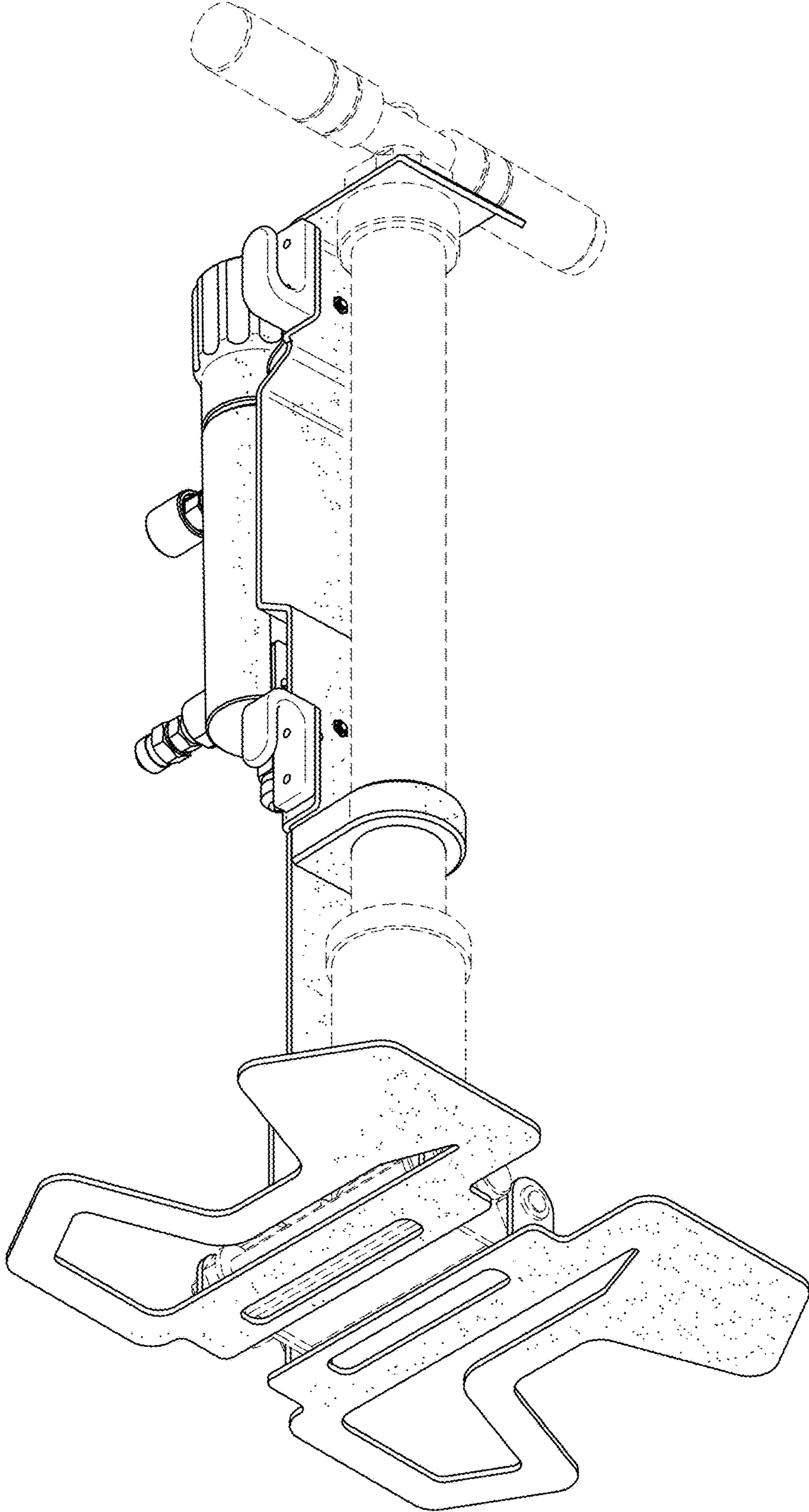


FIG. 2

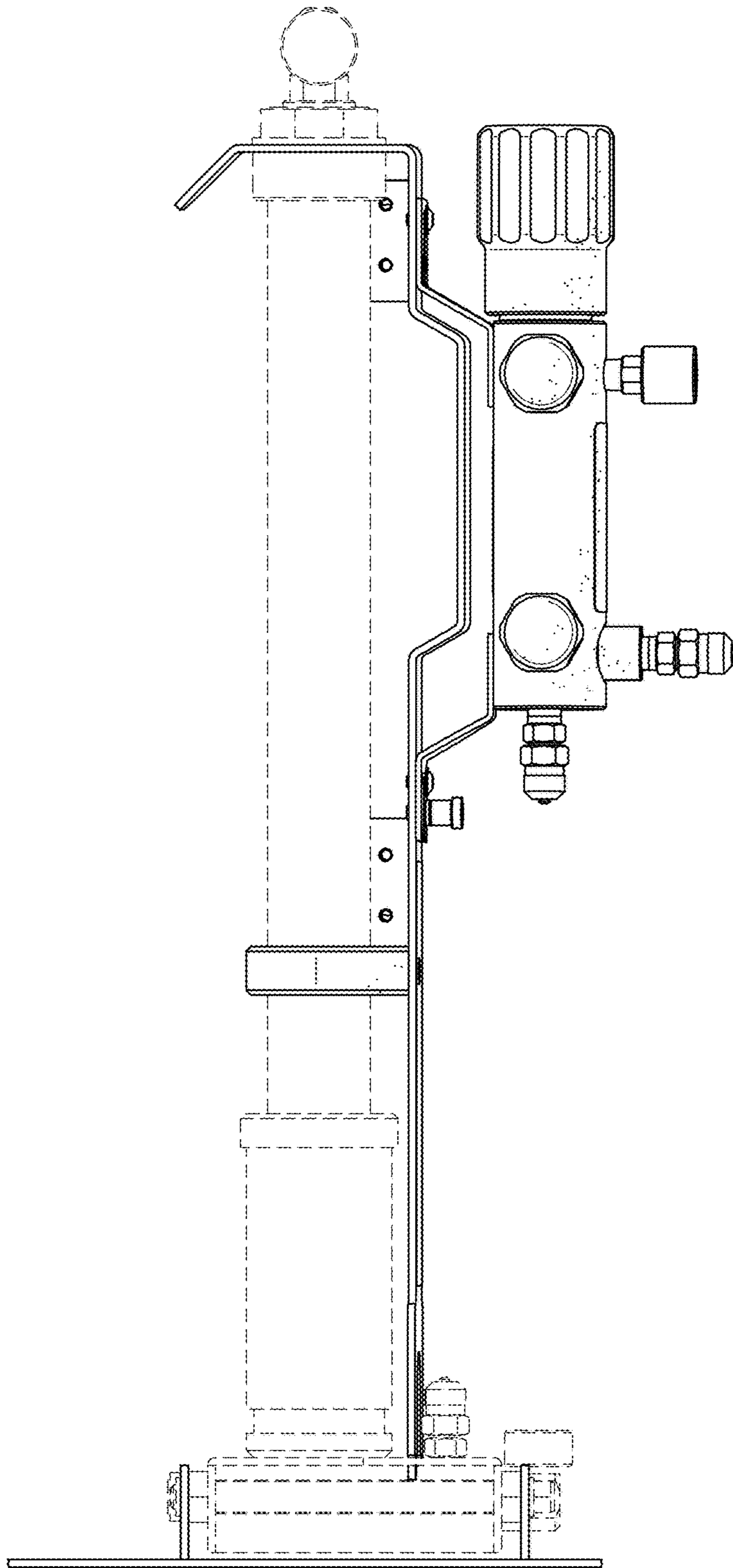


FIG. 3

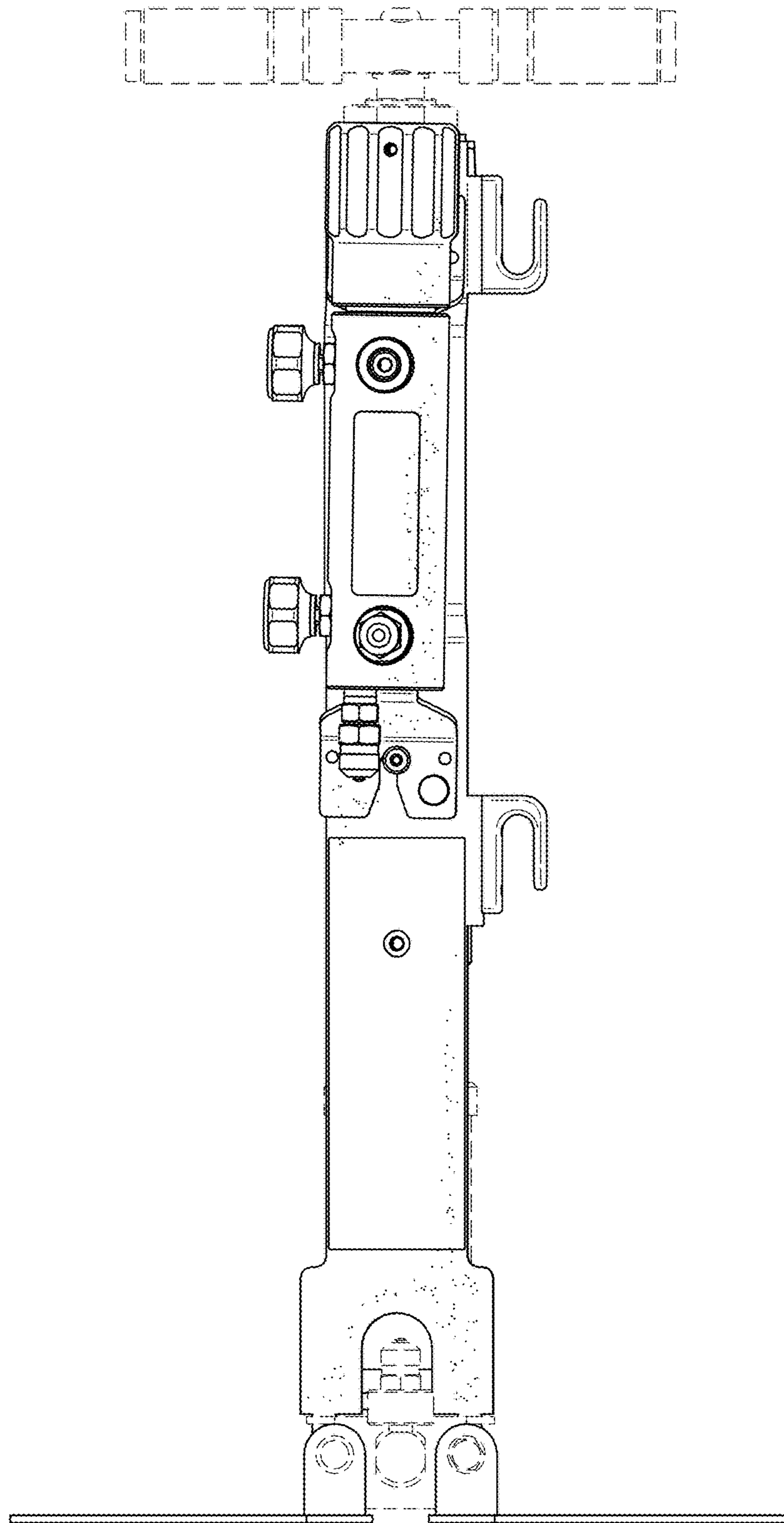


FIG. 4

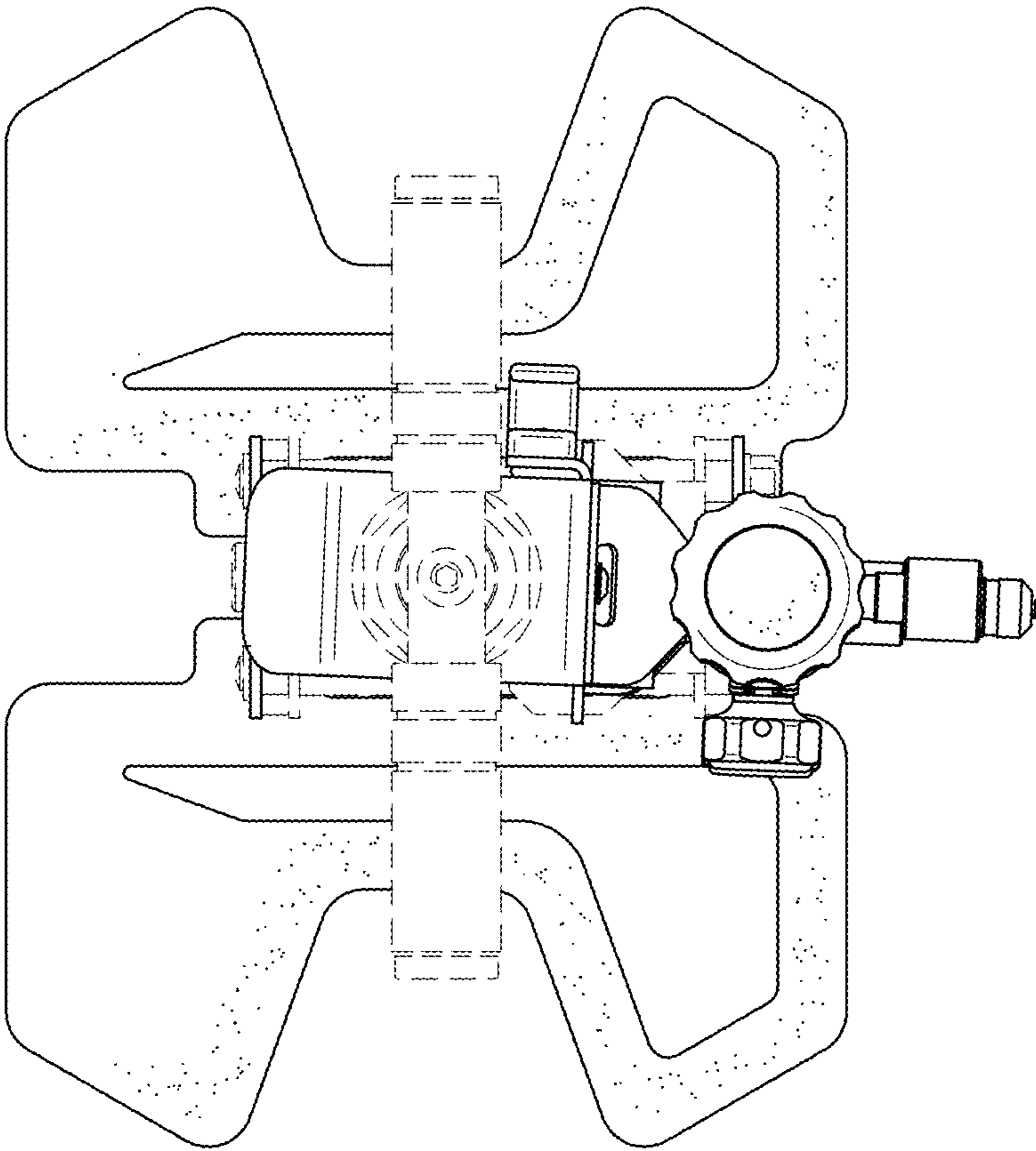


FIG. 5

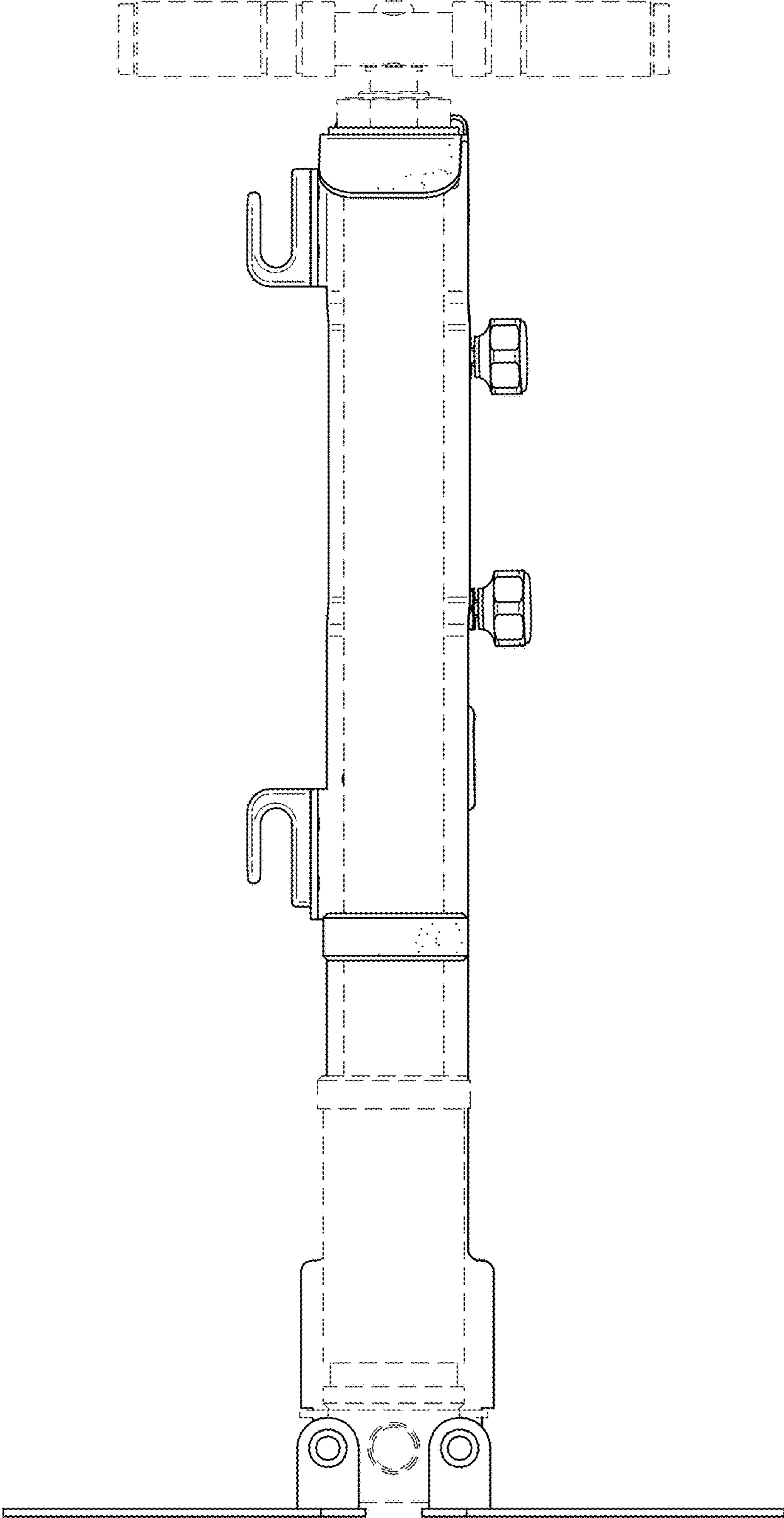


FIG. 6

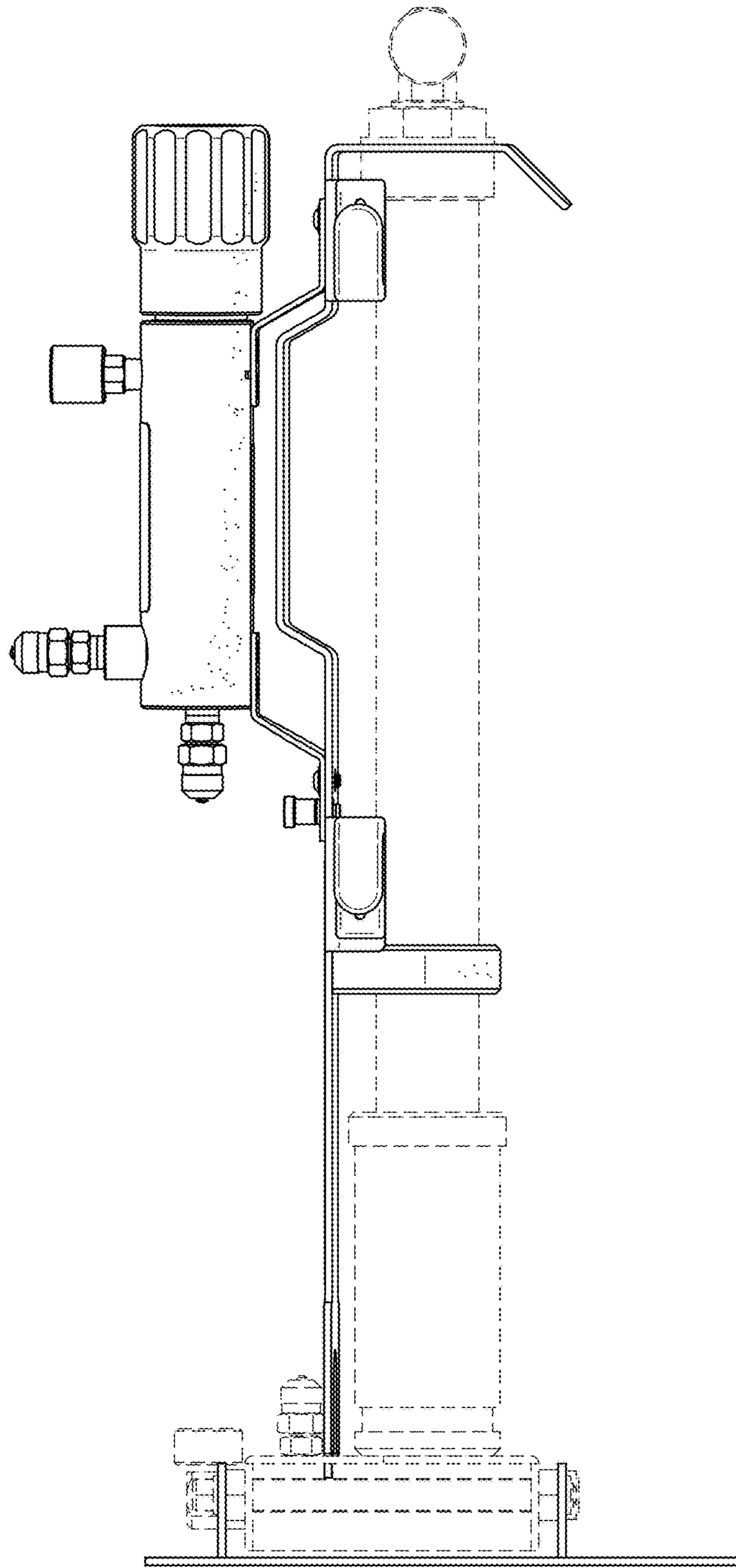


FIG. 7

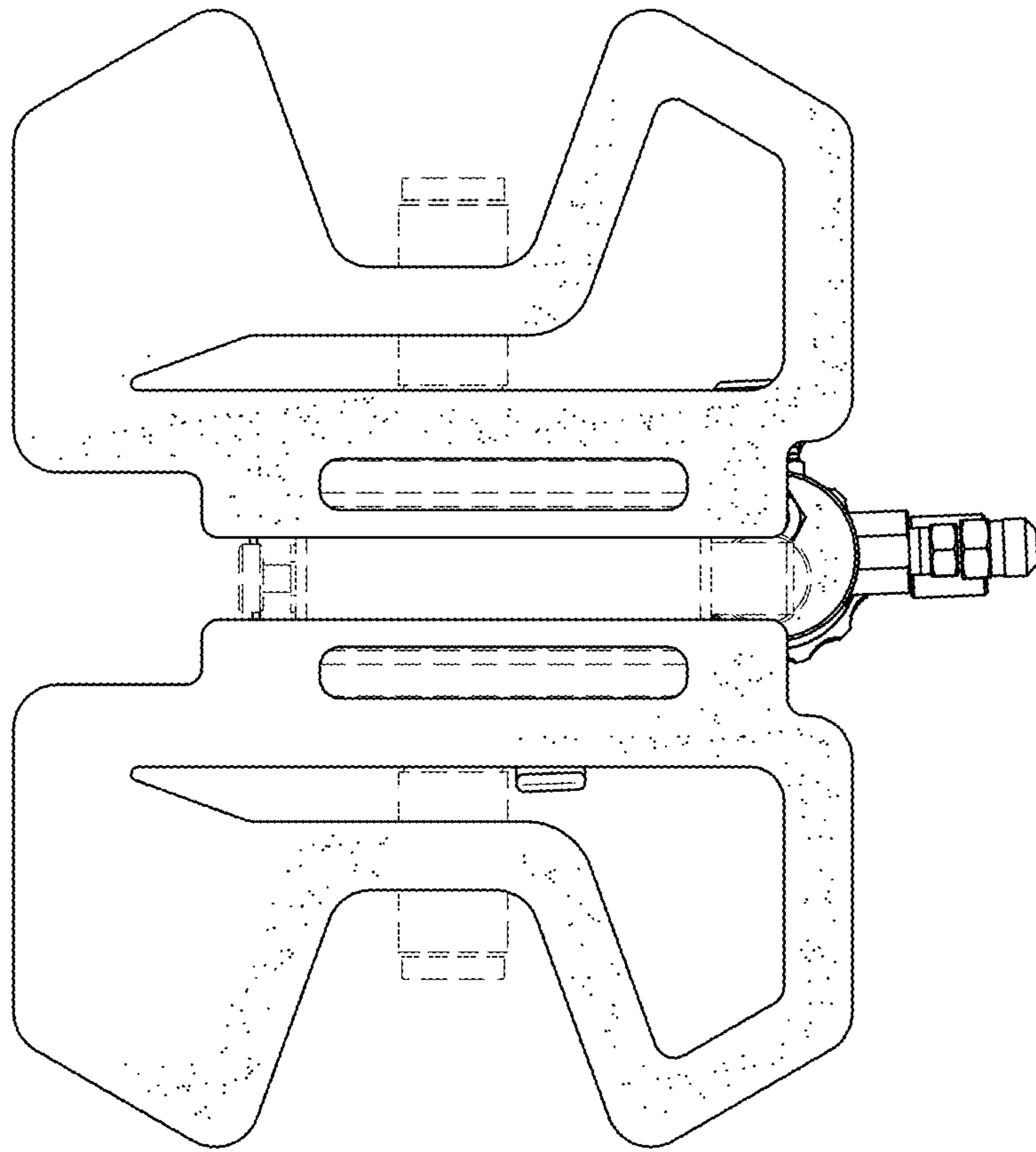


FIG. 8

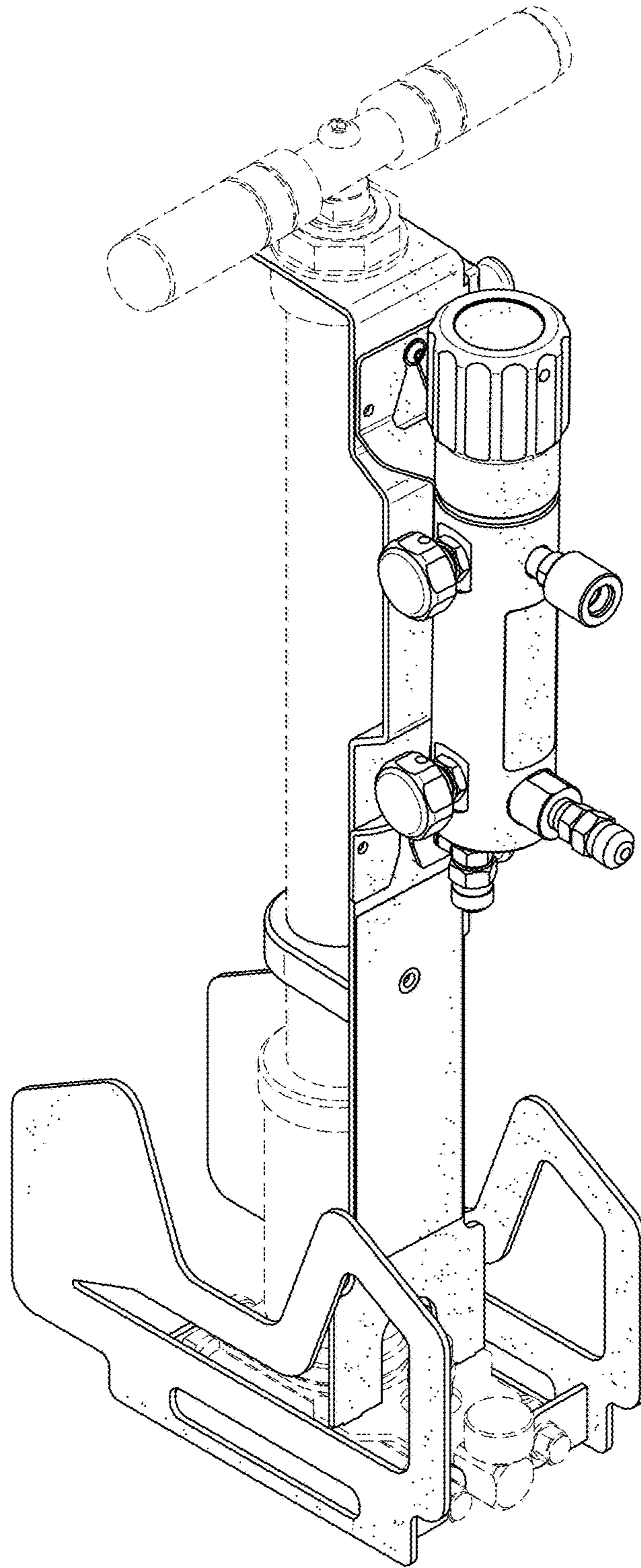


FIG. 9

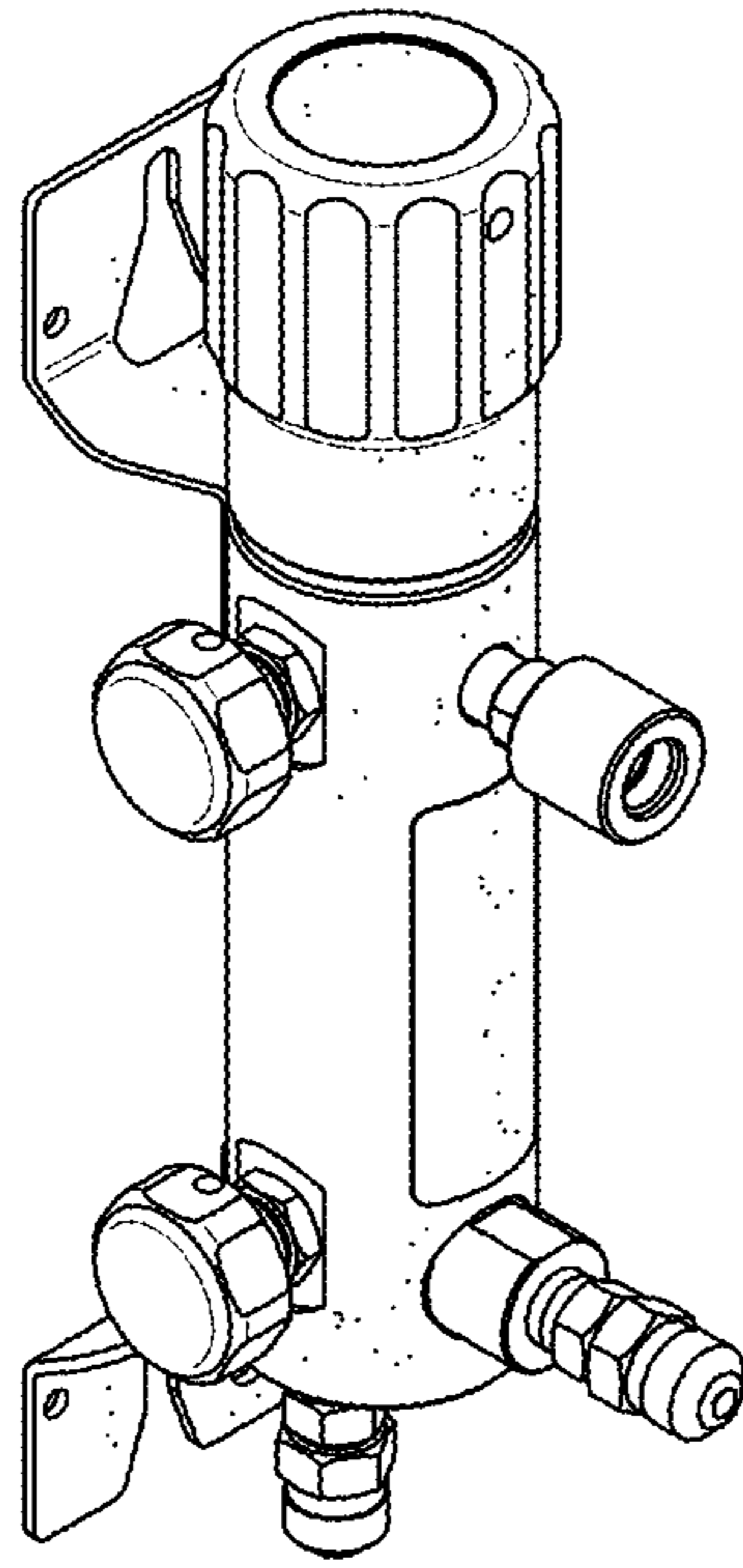


FIG. 10

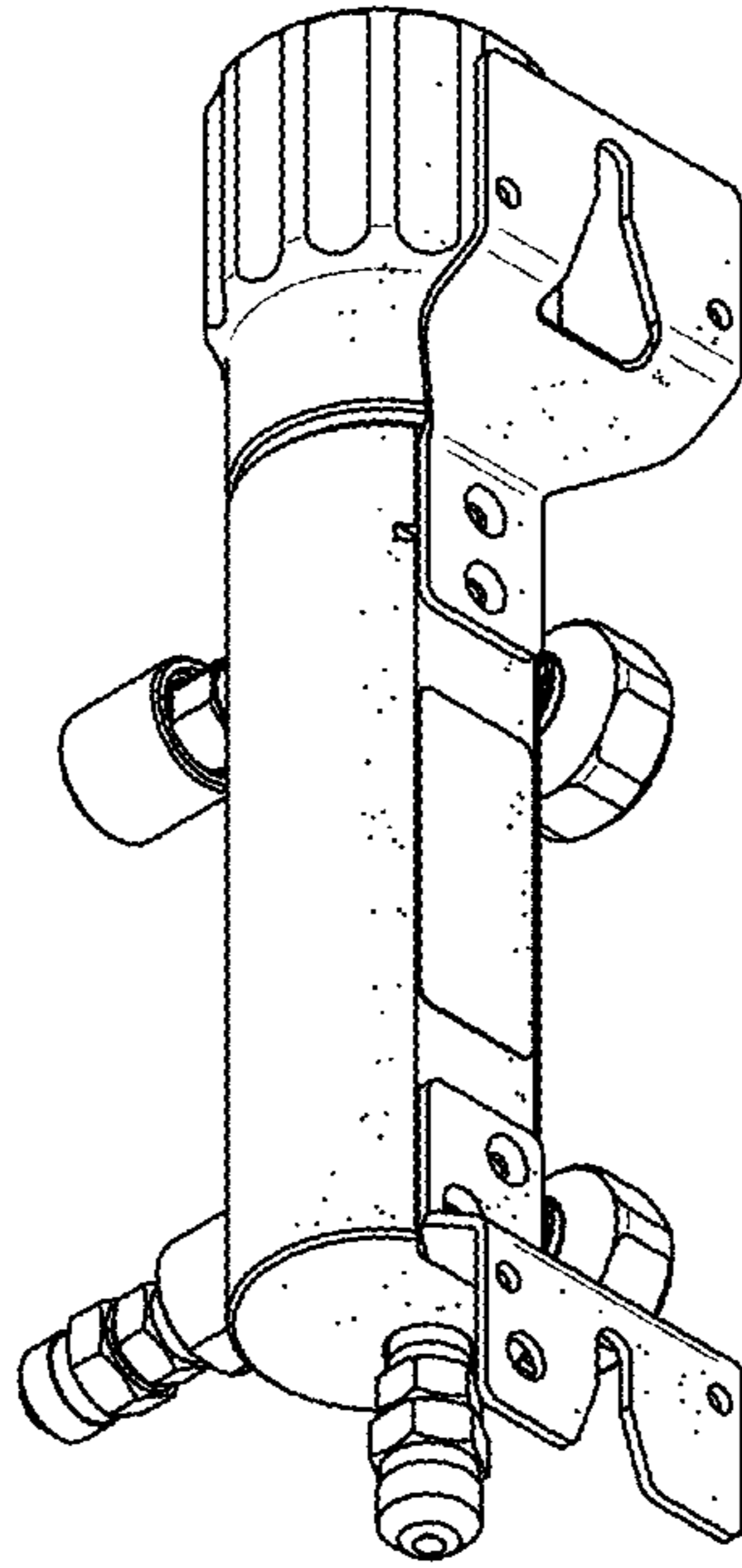


FIG. 11

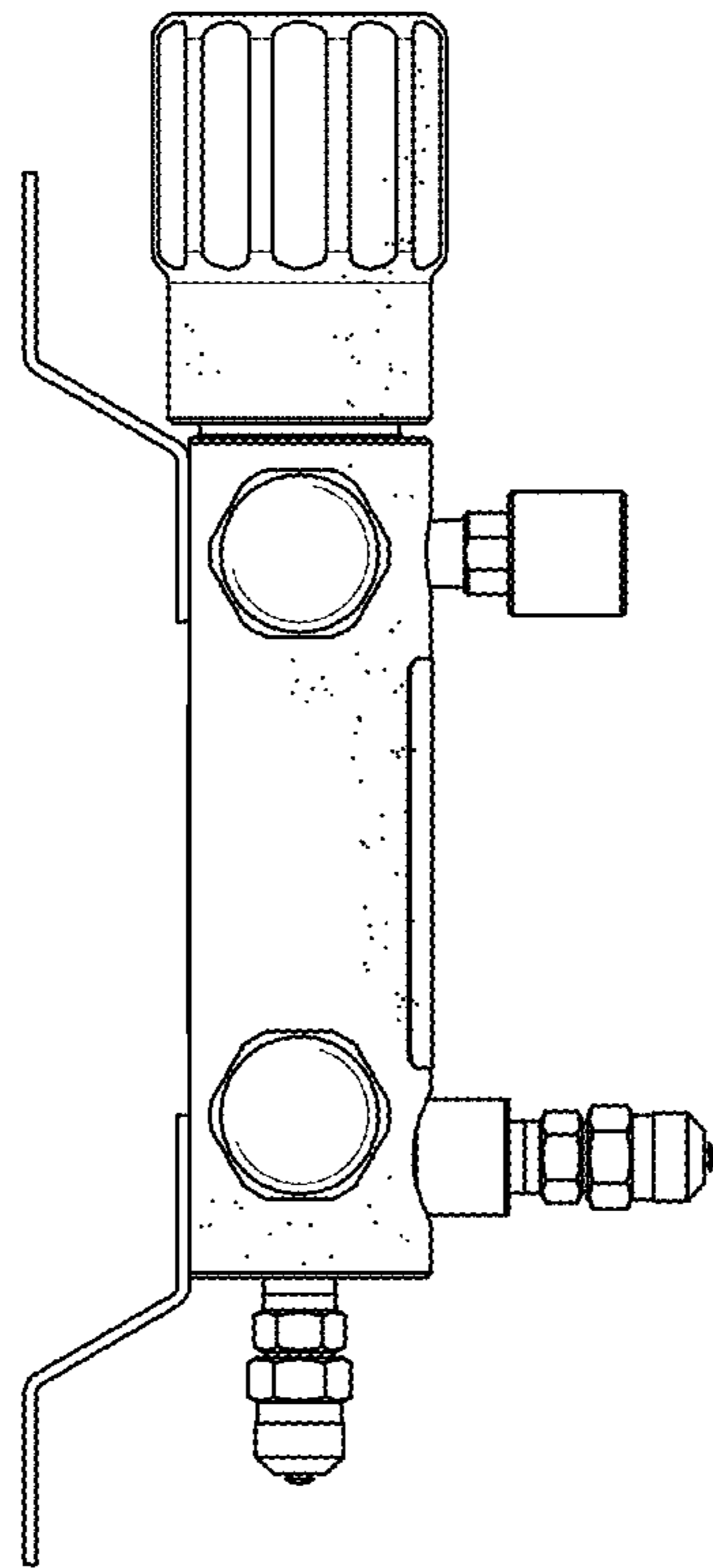


FIG. 12

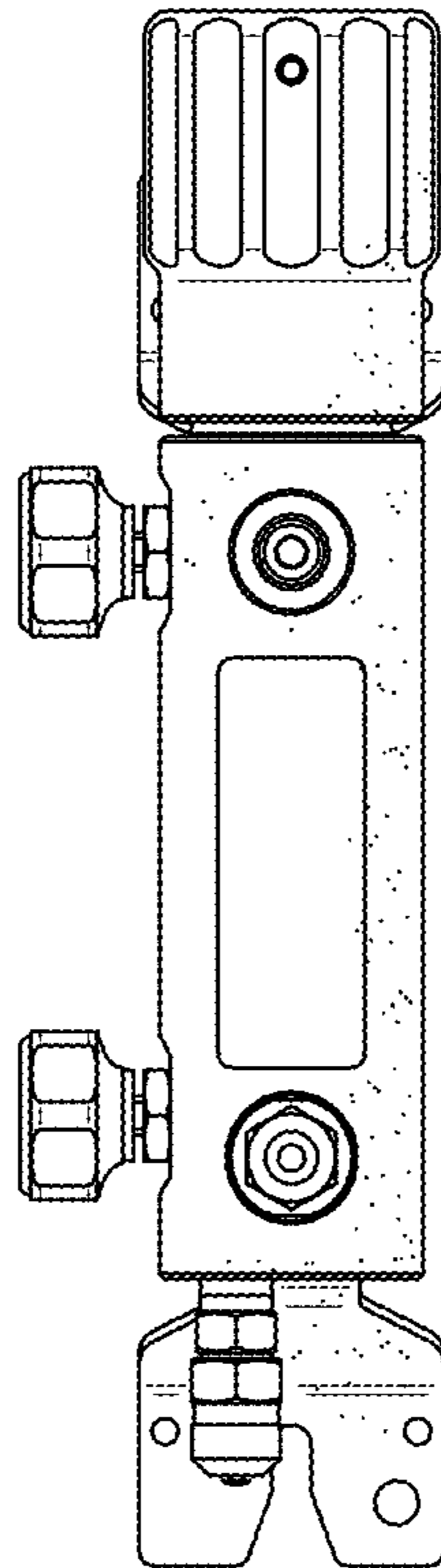


FIG. 13

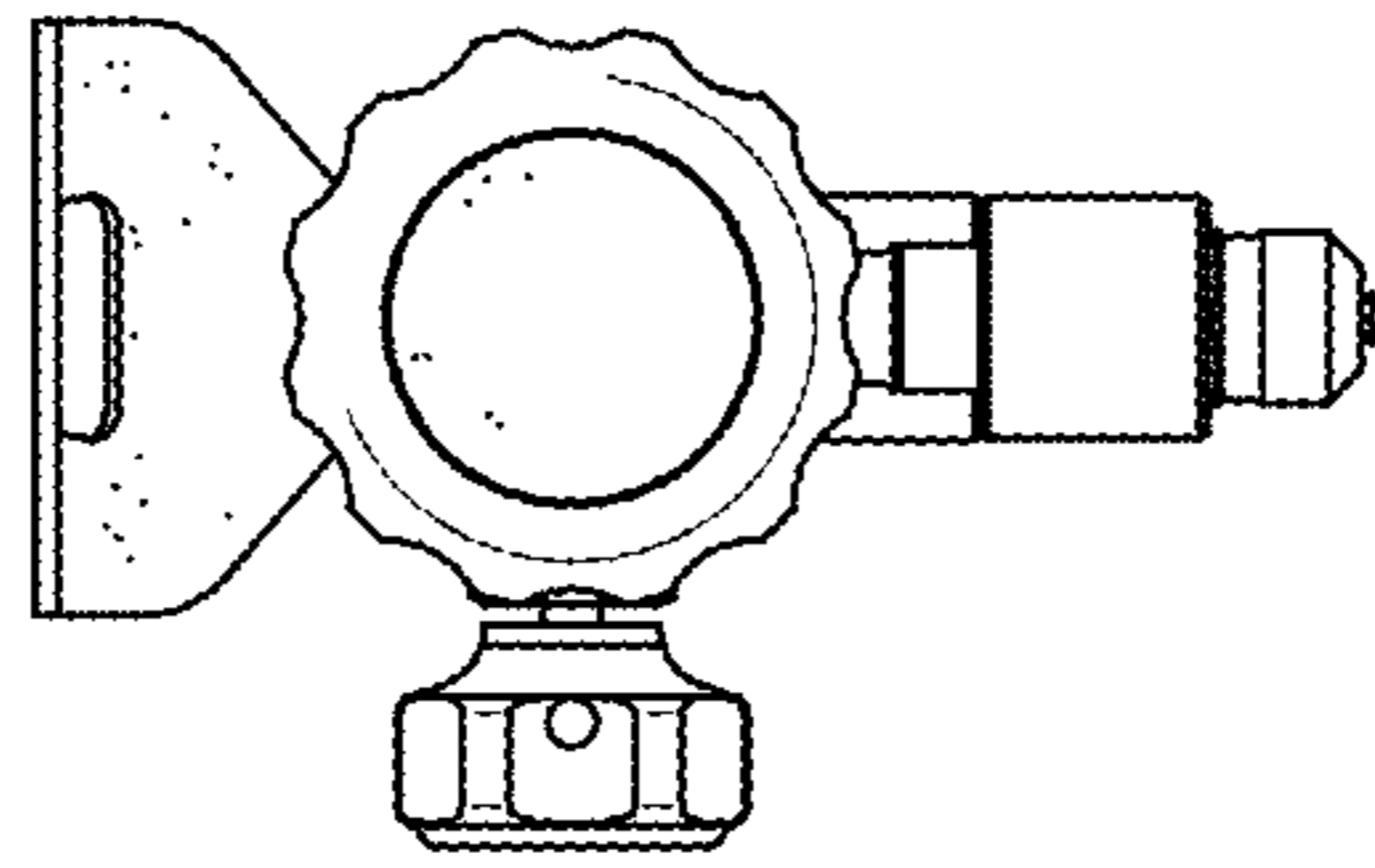


FIG. 14

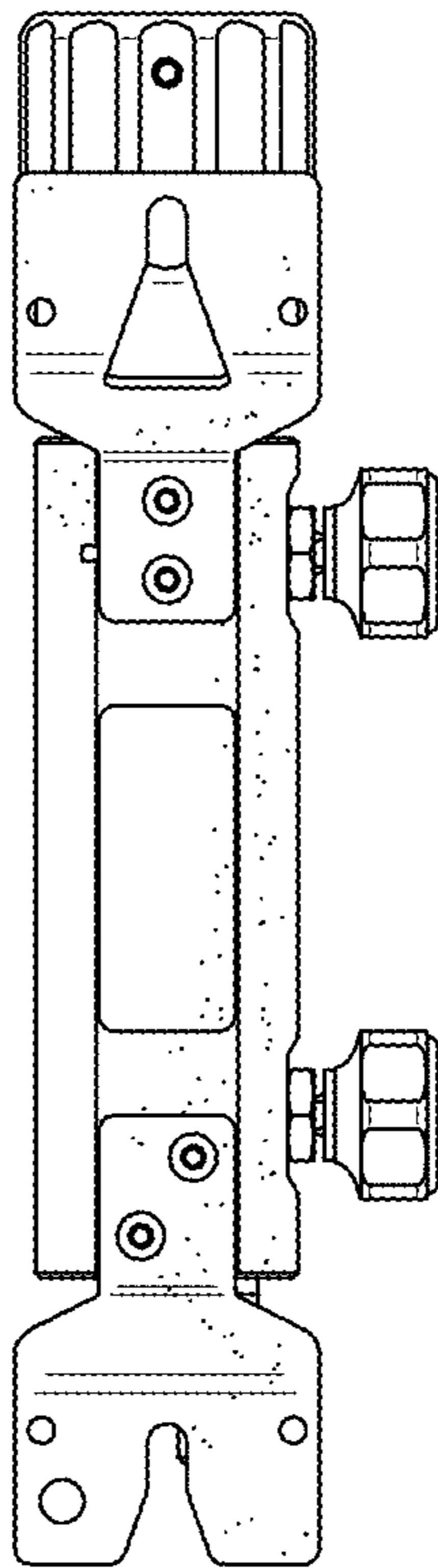


FIG. 15

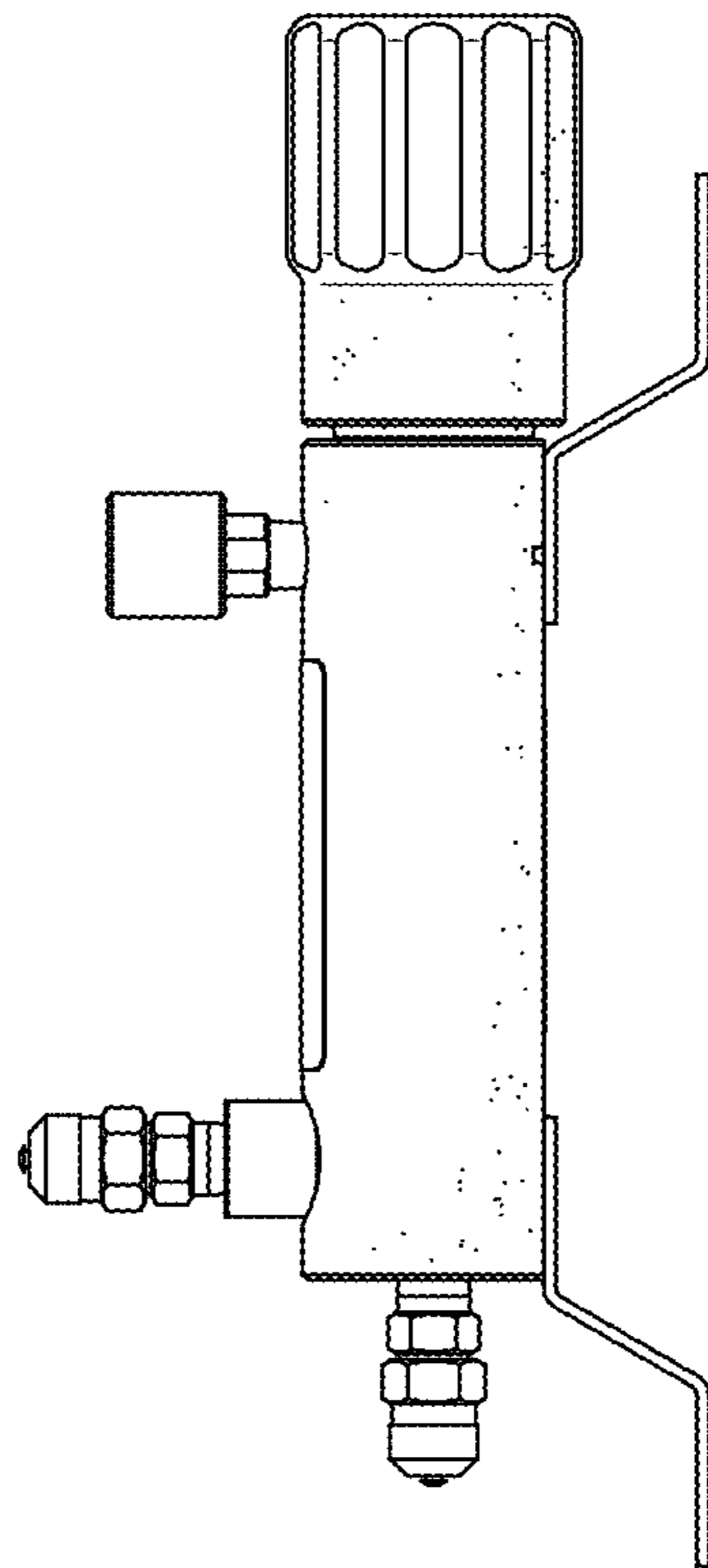


FIG. 16

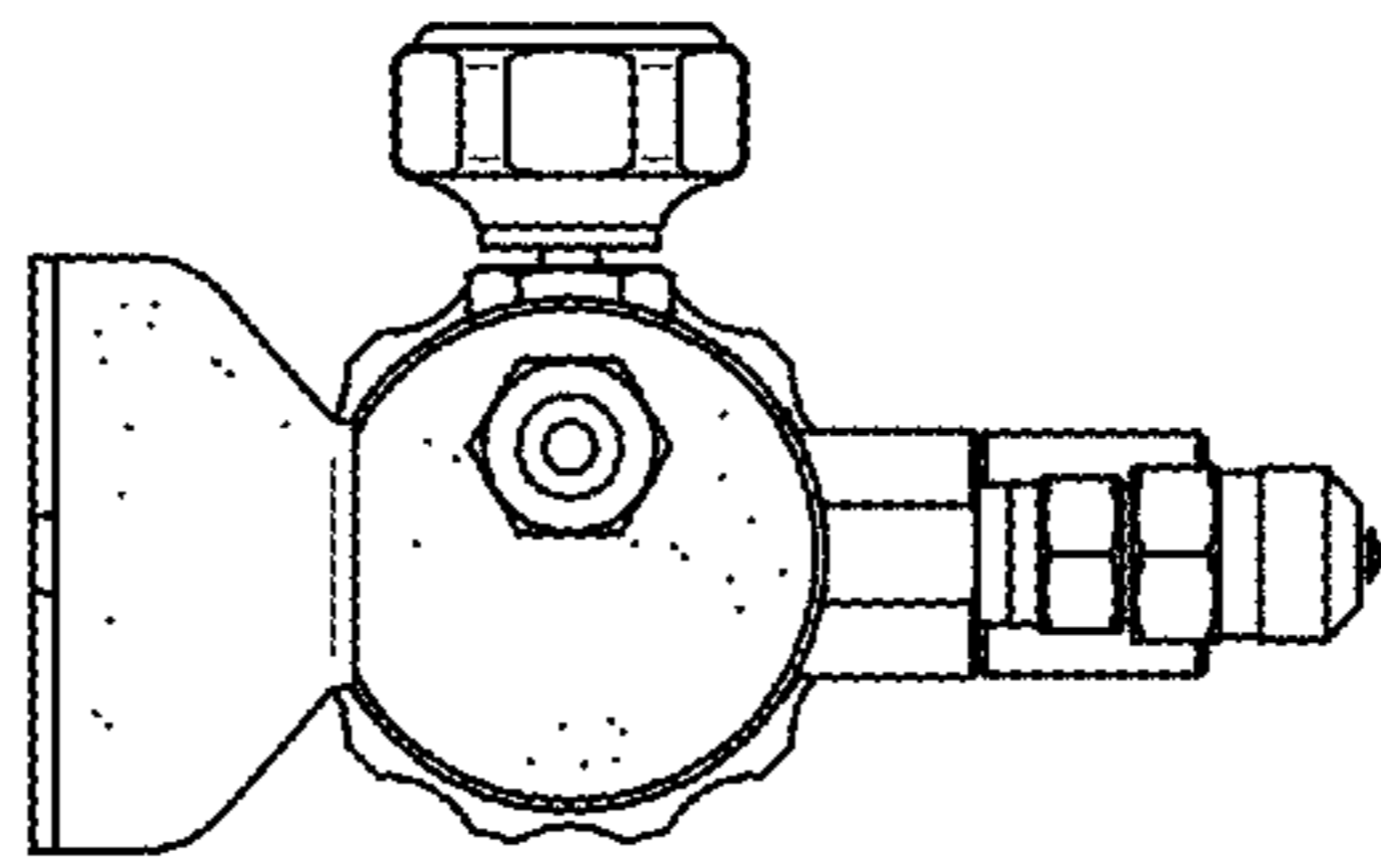


FIG. 17