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(12) **United States Design Patent**
Le Drappier

(10) **Patent No.:** **US D924,023 S**

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(54) **SOLDERING IRON**

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

(21) Appl. No.: **29/716,967**

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Related U.S. Application Data

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(30) **Foreign Application Priority Data**

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Nov. 3, 2017 (EM) 004493351-0002

(51) **LOC (13) Cl.** **08-05**

(52) **U.S. Cl.**
USPC **D8/30**

(58) **Field of Classification Search**

USPC D15/144, 144.1; D8/29.1, 29.2, 30, 68
CPC E01C 19/44; E01C 19/22; B23K 3/021;
B23K 3/022; B23K 3/00; B23K 3/023
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,692,641 A * 10/1954 Woods E01C 19/44
126/401
3,171,466 A * 3/1965 Katchur, Jr. E01C 19/44
126/401

4,176,657 A * 12/1979 Eriksson A63C 11/08
126/271.2 R
4,641,632 A * 2/1987 Nakajima F23D 14/18
126/413
4,654,109 A * 3/1987 Goss E04D 15/04
126/229
4,658,802 A * 4/1987 Schultz E01C 23/14
126/271.2 A
4,881,894 A * 11/1989 Chapin F23D 14/28
431/255
5,353,782 A * 10/1994 Morris B29C 65/103
126/271.2 A
D555,446 S * 11/2007 Picaza Ibarro D15/144
2003/0168493 A1 * 9/2003 Hirano B23K 3/022
228/51
2010/0237058 A1 * 9/2010 Evans B29D 30/68
219/229

* cited by examiner

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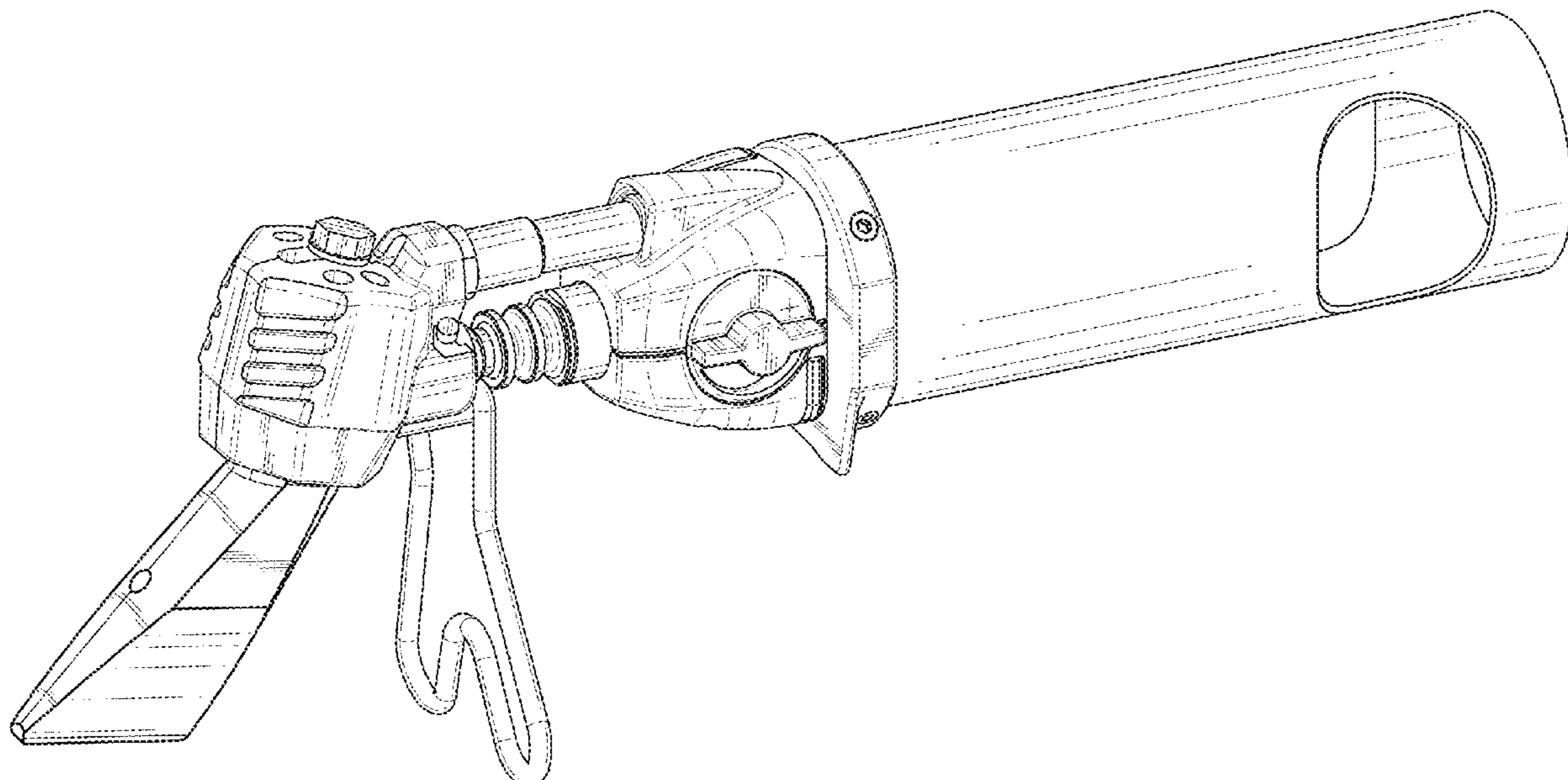
(57) **CLAIM**

The ornamental design for a soldering iron, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the soldering iron;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.

1 Claim, 7 Drawing Sheets



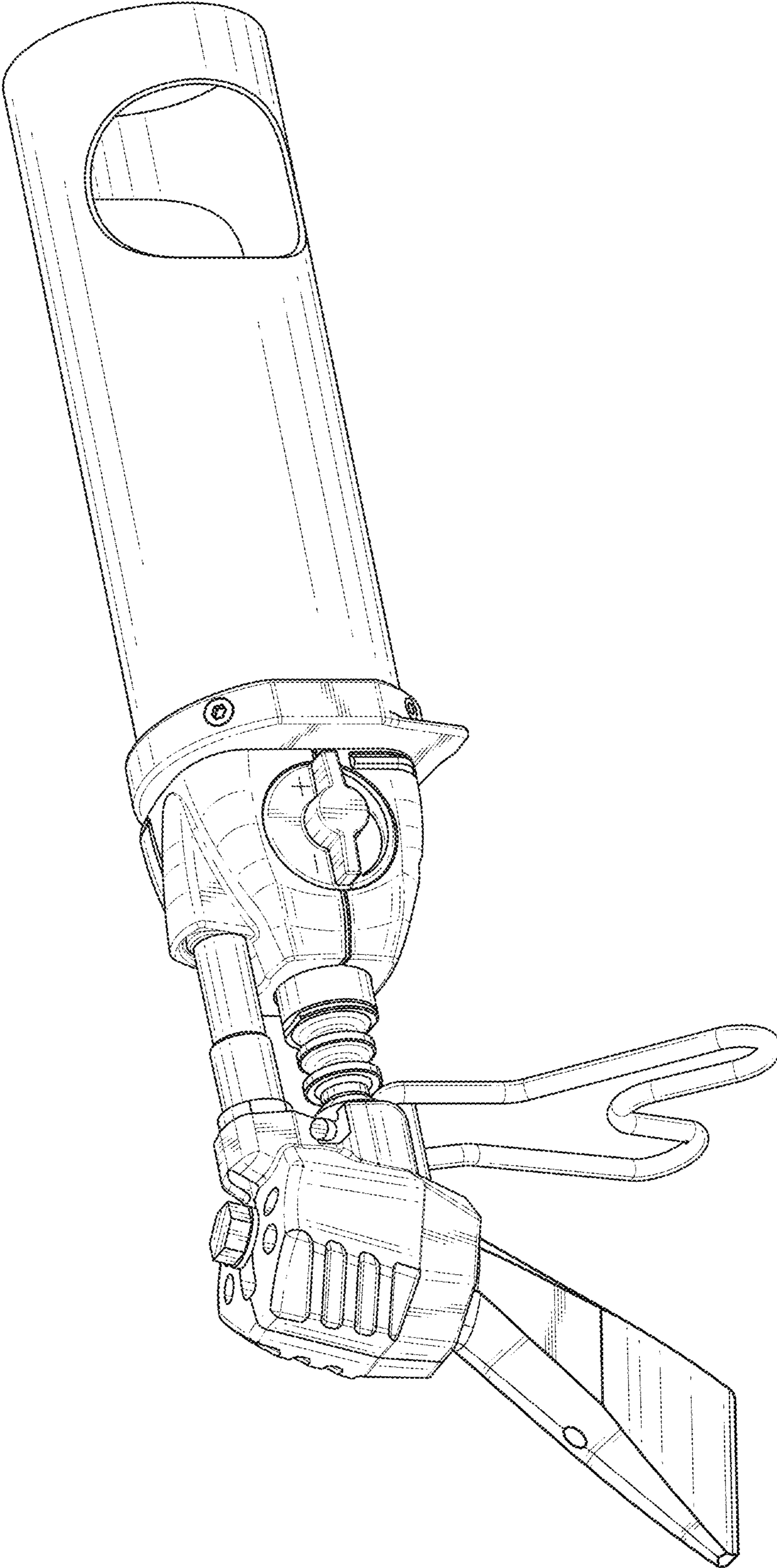


FIG. 1

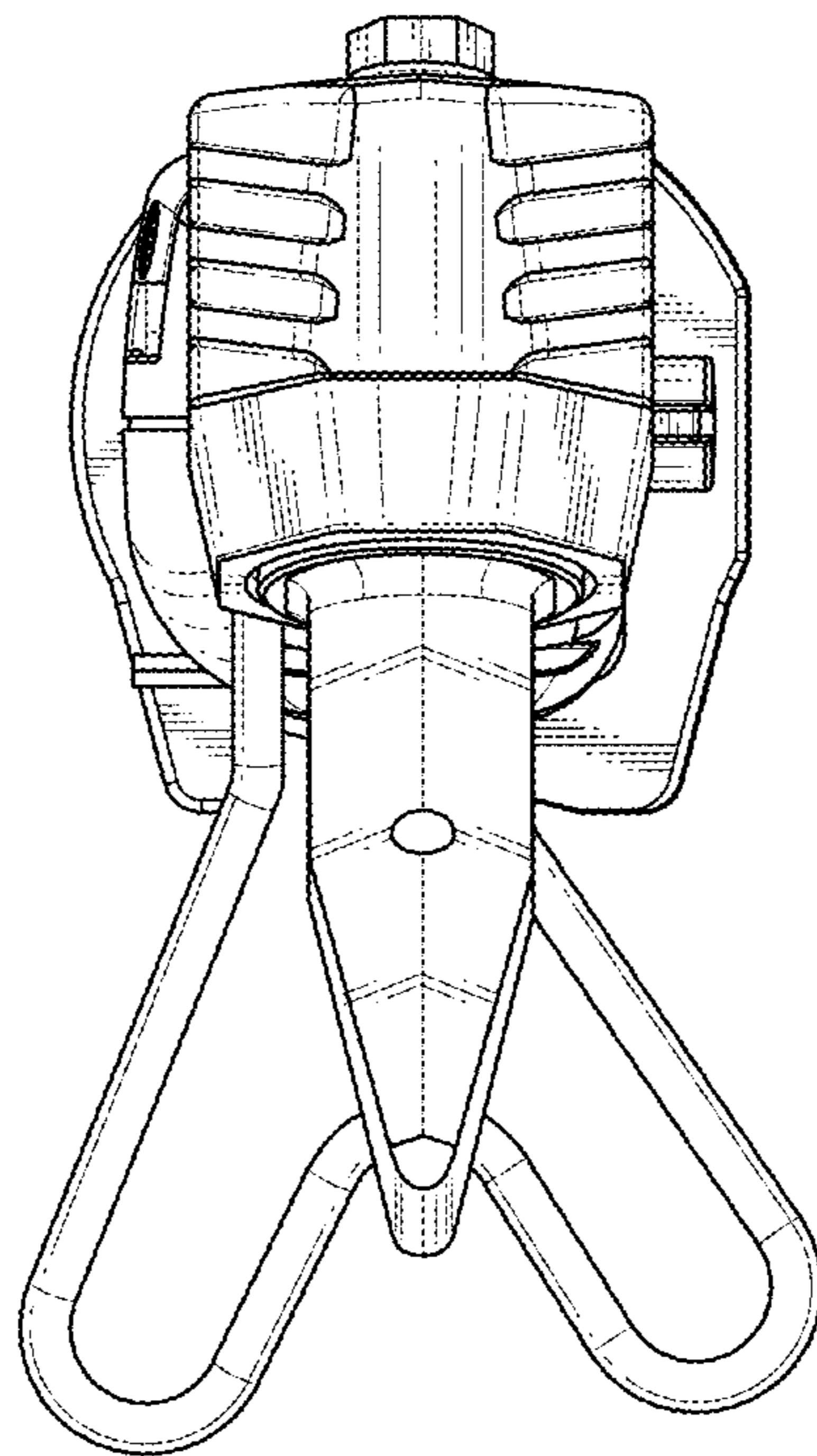


FIG. 2

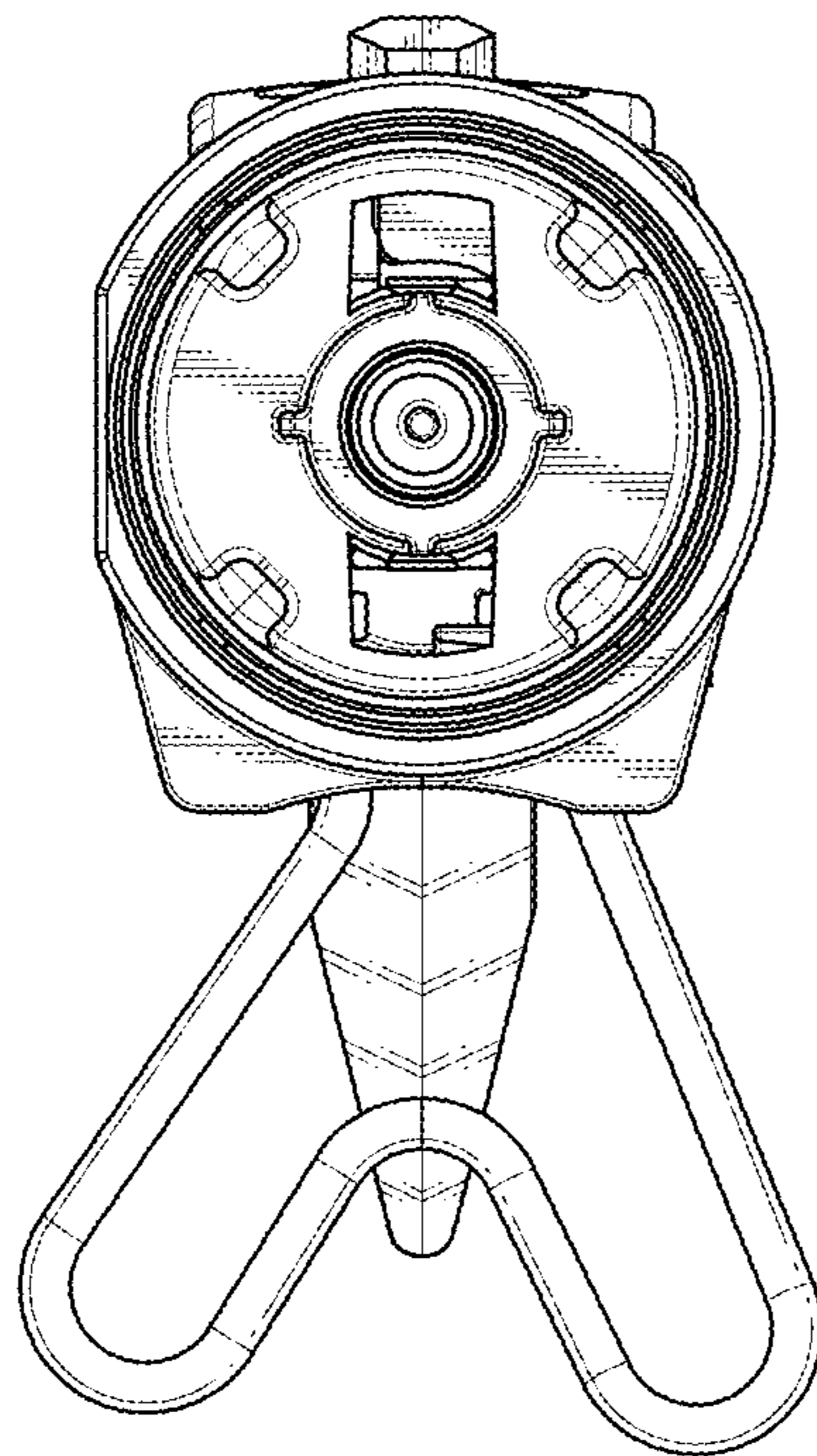


FIG. 3

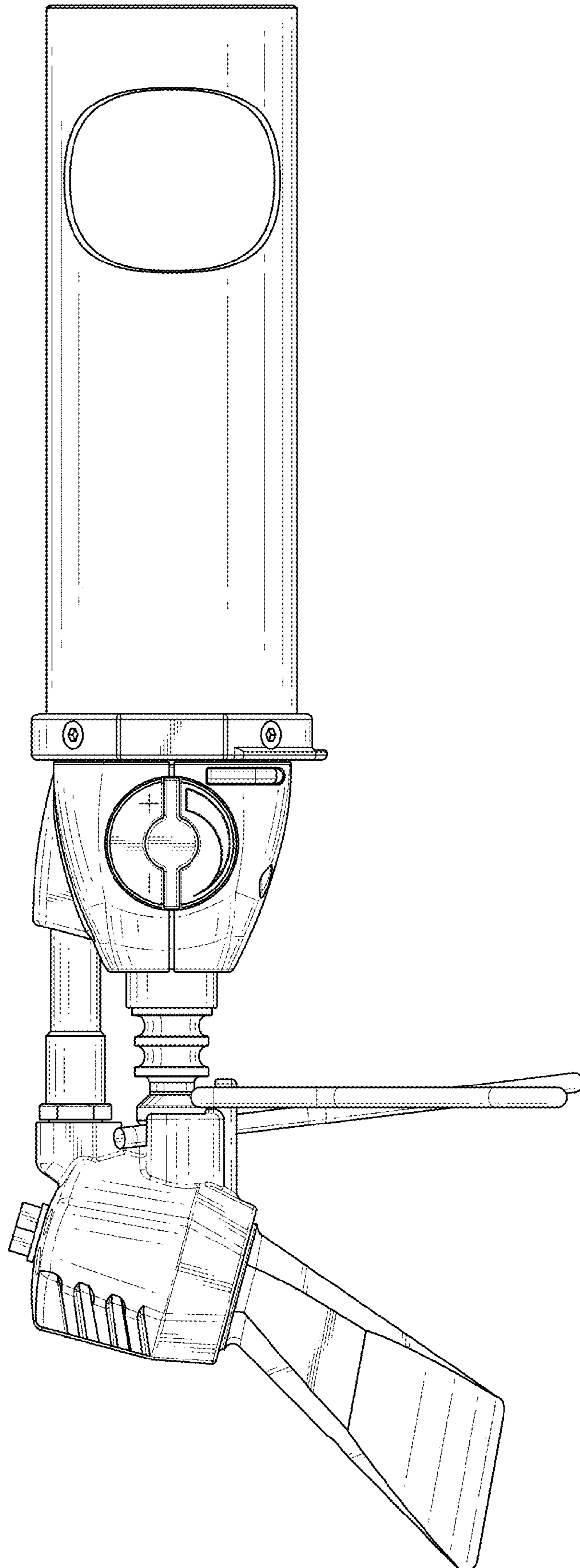


FIG. 4

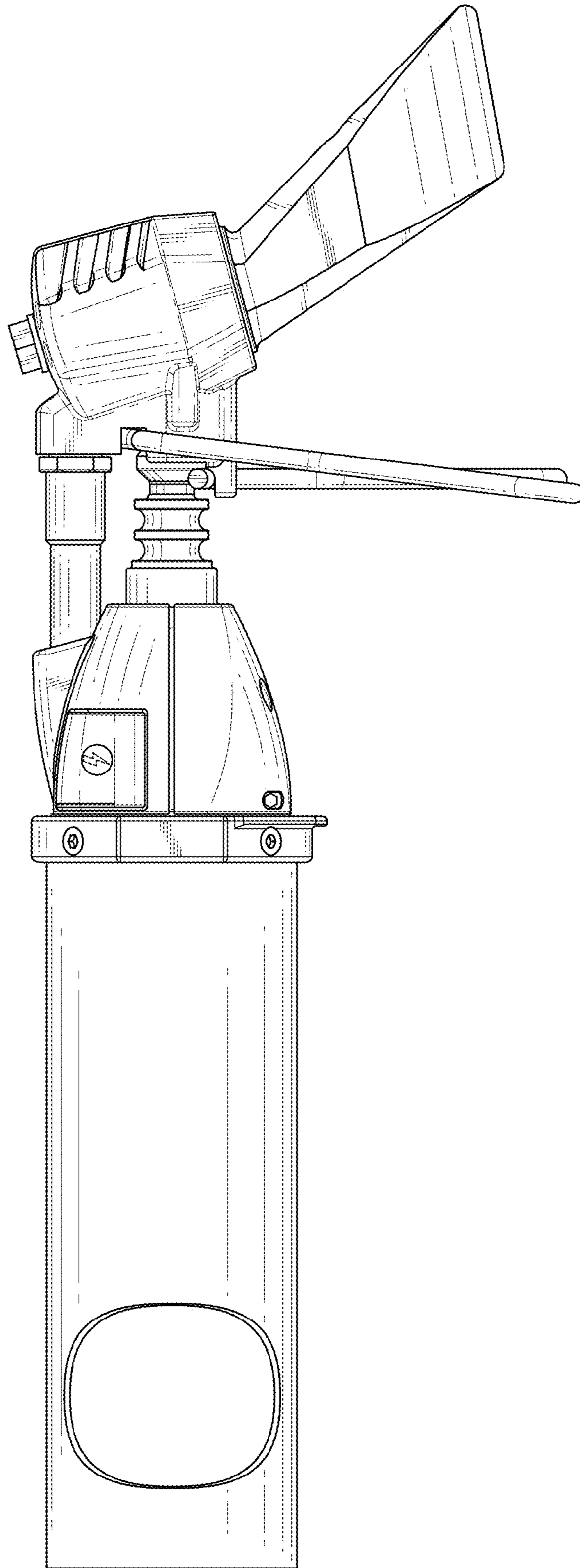


FIG. 5

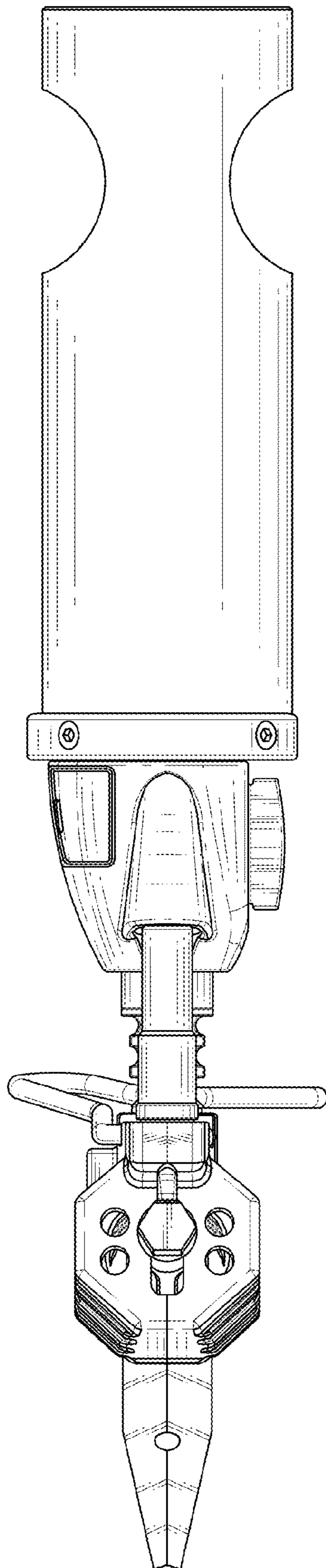


FIG. 6

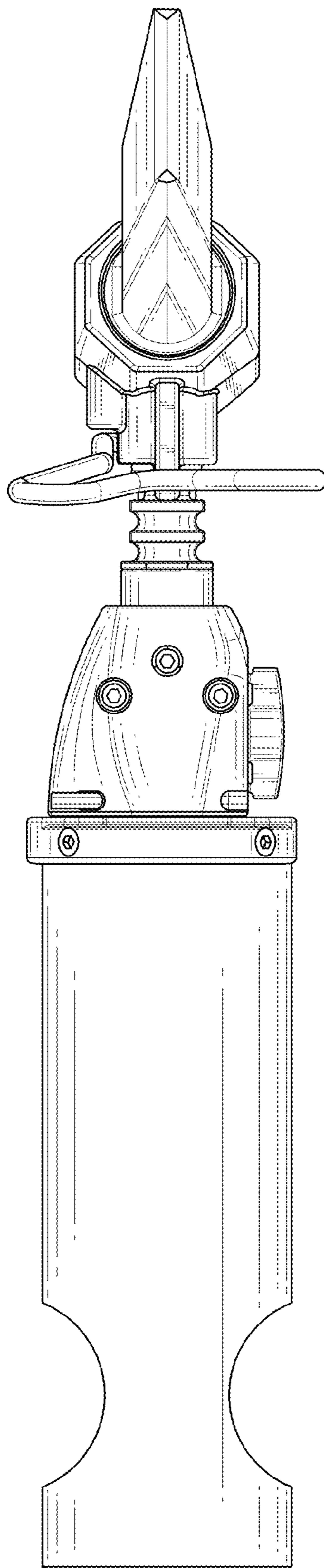


FIG. 7