



US00D402870S

# United States Patent [19]

Etter et al.

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[45] Date of Patent: \*\*Dec. 22, 1998

[54] **GRINDER**

[75] Inventors: **Mark A. Etter; John C. Smith**, both of Jackson, Tenn.

[73] Assignee: **Porter-Cable Corporation**, Jackson, Tenn.

[\*\*] Term: **14 Years**

[21] Appl. No.: **71,943**

[22] Filed: **Jun. 9, 1997**

[51] **LOC (6) Cl.** ..... **08-02**

[52] **U.S. Cl.** ..... **D8/62**

[58] **Field of Search** ..... D8/62; 451/359, 451/344, 357, 414, 456, 162, 163

[56] **References Cited**

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**OTHER PUBLICATIONS**

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*Primary Examiner*—Antoine Duval Davis  
*Attorney, Agent, or Firm*—Merchant, Gould, Smith, Edell, Welter & Schmidt, PA.

[57] **CLAIM**

The ornamental design for a grinder, as shown and described.

**DESCRIPTION**

FIG. 1 is a front and top right perspective view of a grinder having a switch paddle in a lowered position;

FIG. 2 is a front elevational view of the grinder shown in FIG. 1;

FIG. 3 is a rear elevational view of the grinder shown in FIG. 1;

FIG. 4 is a right side elevational view of the grinder shown in FIG. 1;

FIG. 5 is a left side elevational view of the grinder shown in FIG. 1;

FIG. 6 is a top plan view of the grinder shown in FIG. 1;

FIG. 7 is a bottom plan view of the grinder shown in FIG. 1;

FIG. 8 is a front and top right perspective view of a grinder having a switch paddle in a raised position;

FIG. 9 is a front elevational view of the grinder shown in FIG. 8;

FIG. 10 is a rear elevational view of the grinder shown in FIG. 8;

FIG. 11 is a right side elevational view of the grinder shown in FIG. 8;

FIG. 12 is a left side elevational view of the grinder shown in FIG. 8;

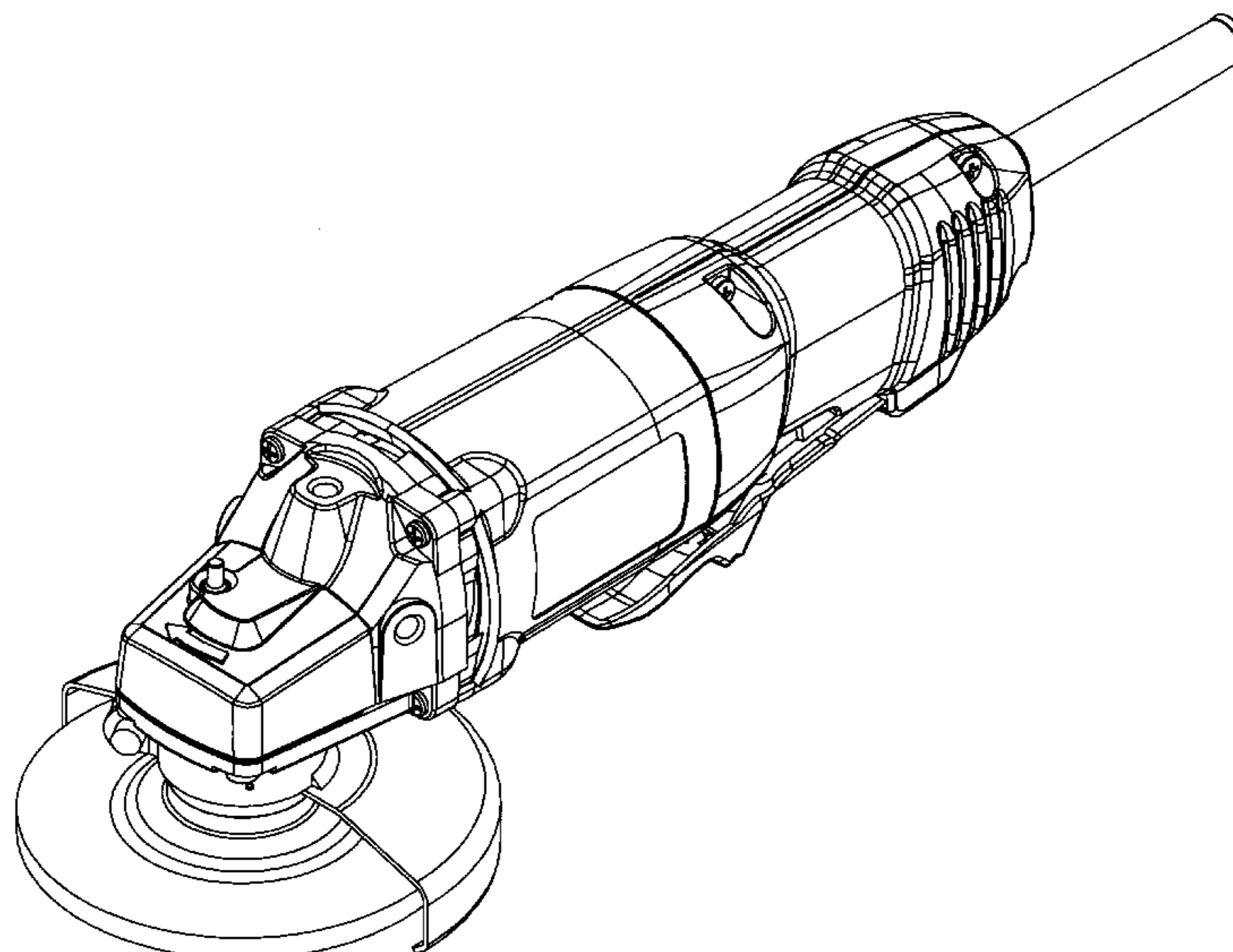
FIG. 13 is a top plan view of the grinder shown in FIG. 8;

FIG. 14 is a bottom plan view of the grinder shown in FIG. 8;

FIG. 15 is a front and top right perspective view of a grinder having a switch paddle in a lowered position and also including an optional side handle; and,

FIG. 16 is a front and top right perspective view of a grinder having a switch paddle in a raised position and also showing an optional side handle.

**1 Claim, 14 Drawing Sheets**



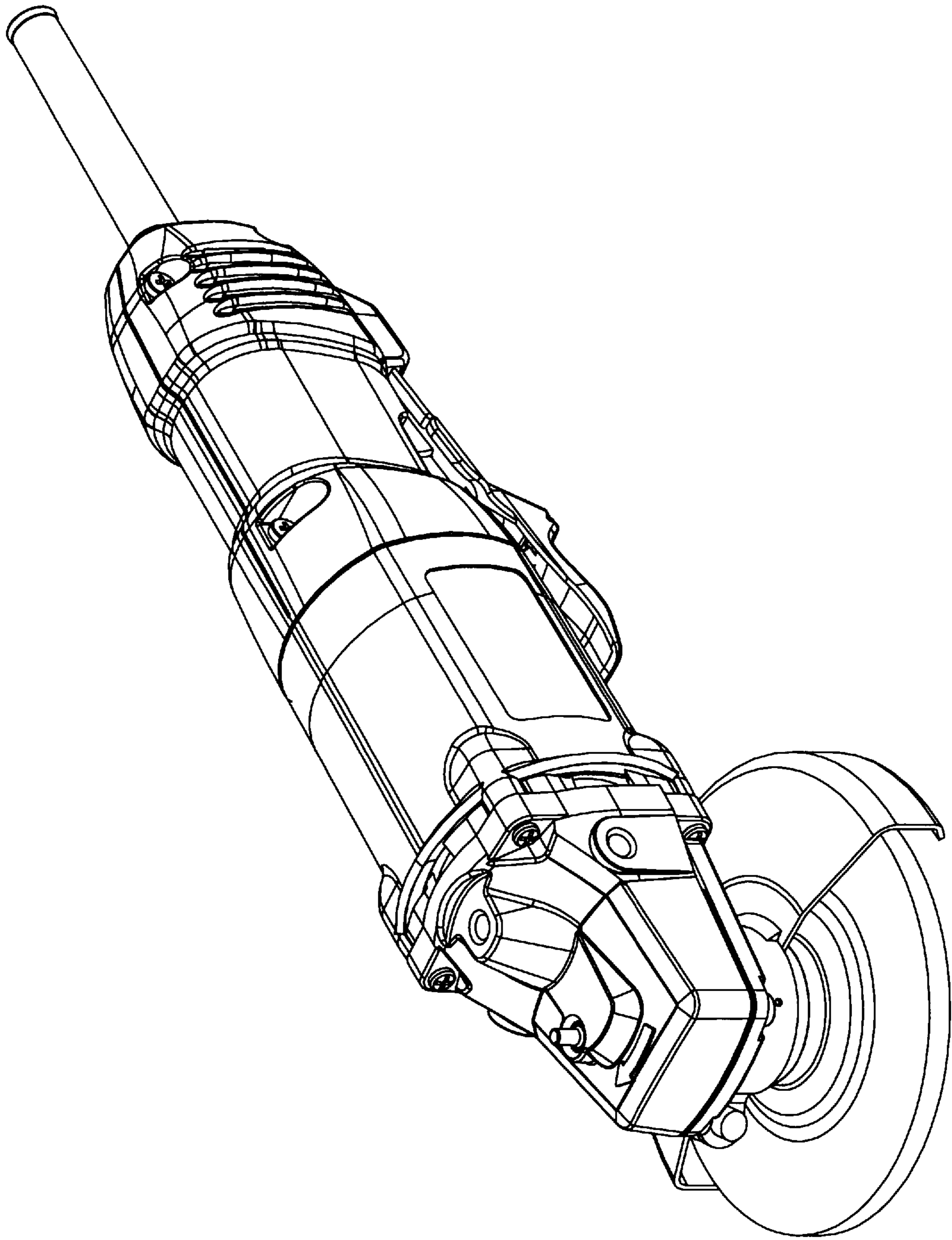


FIG. 1

FIG. 3

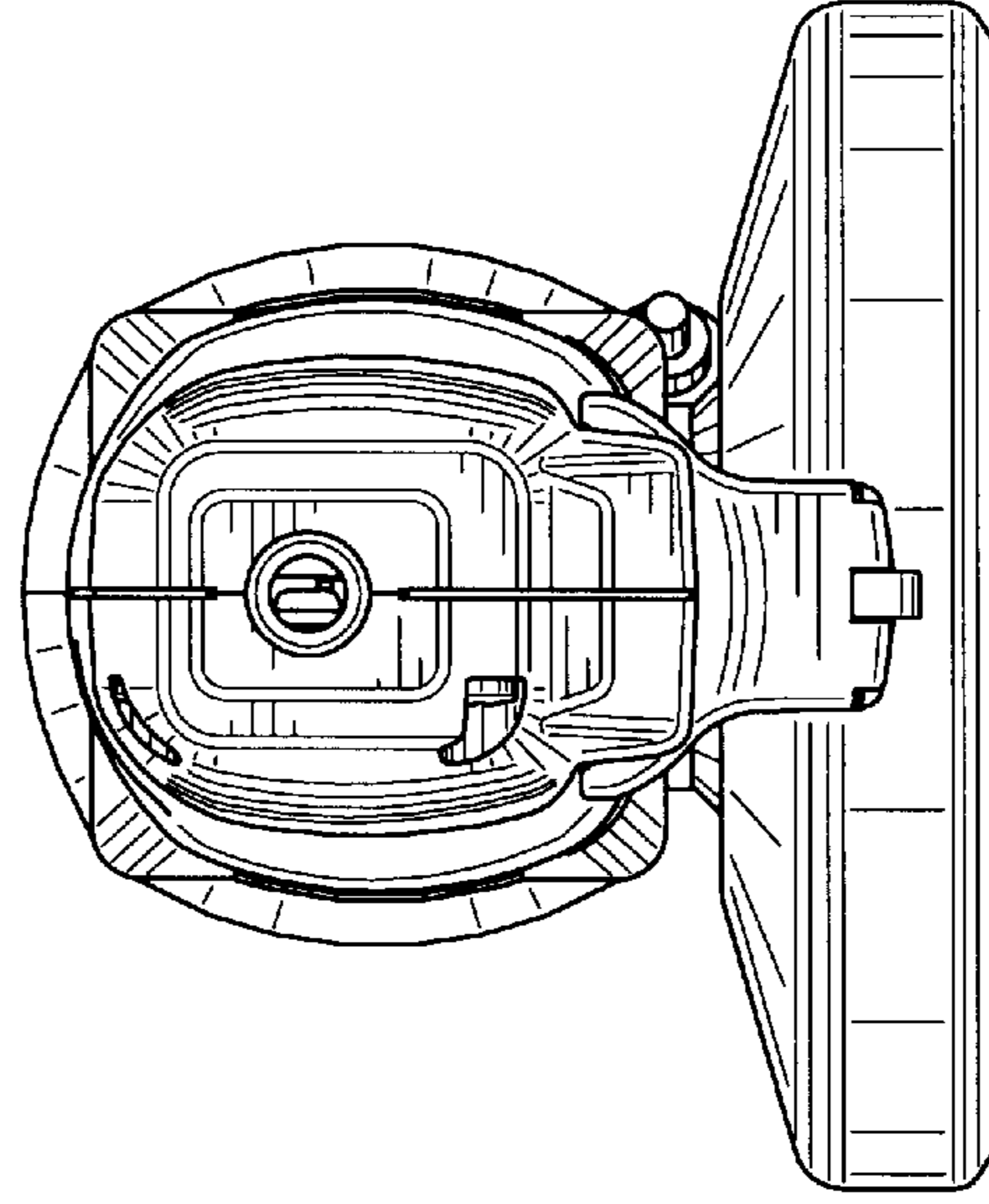
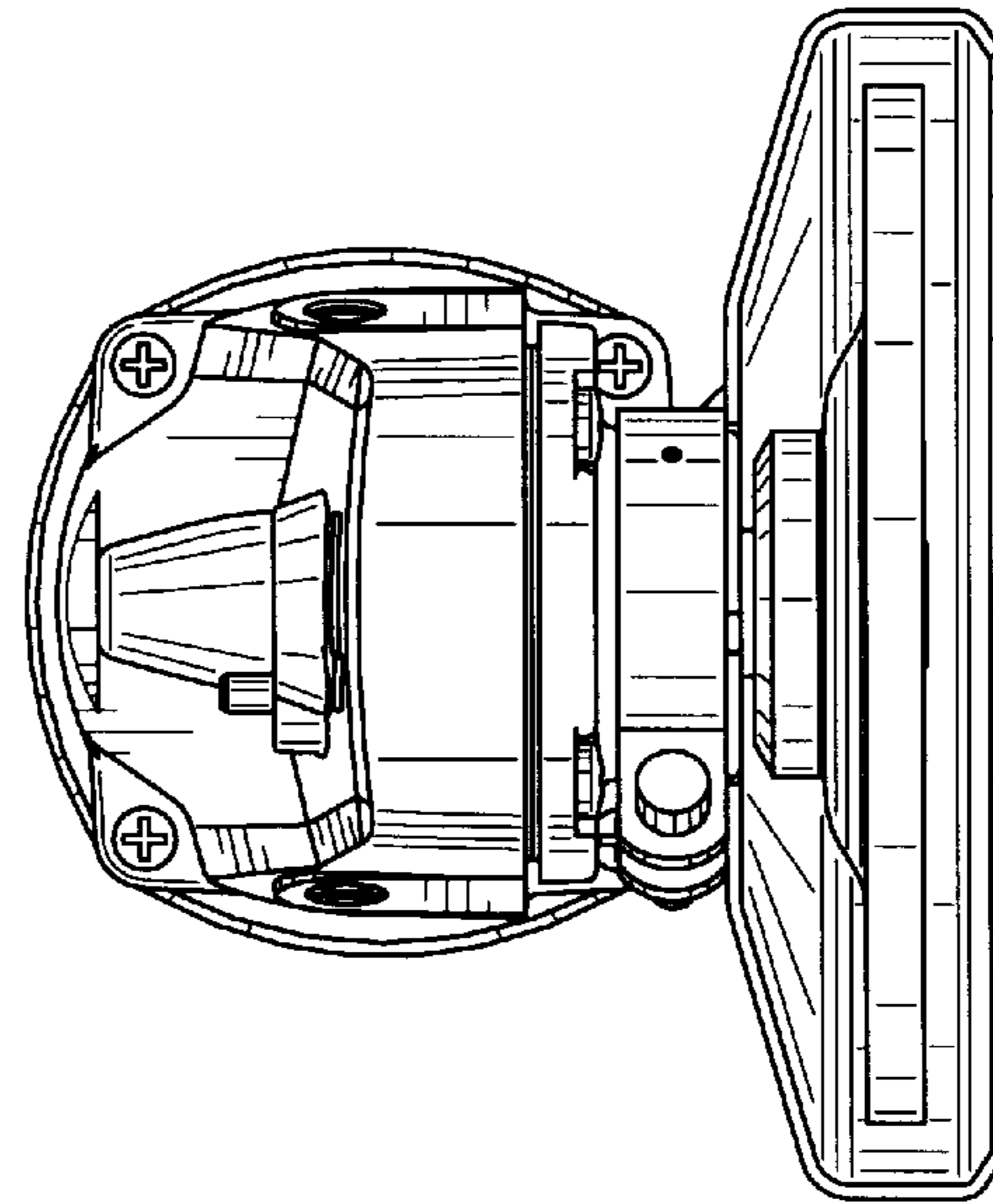


FIG. 2



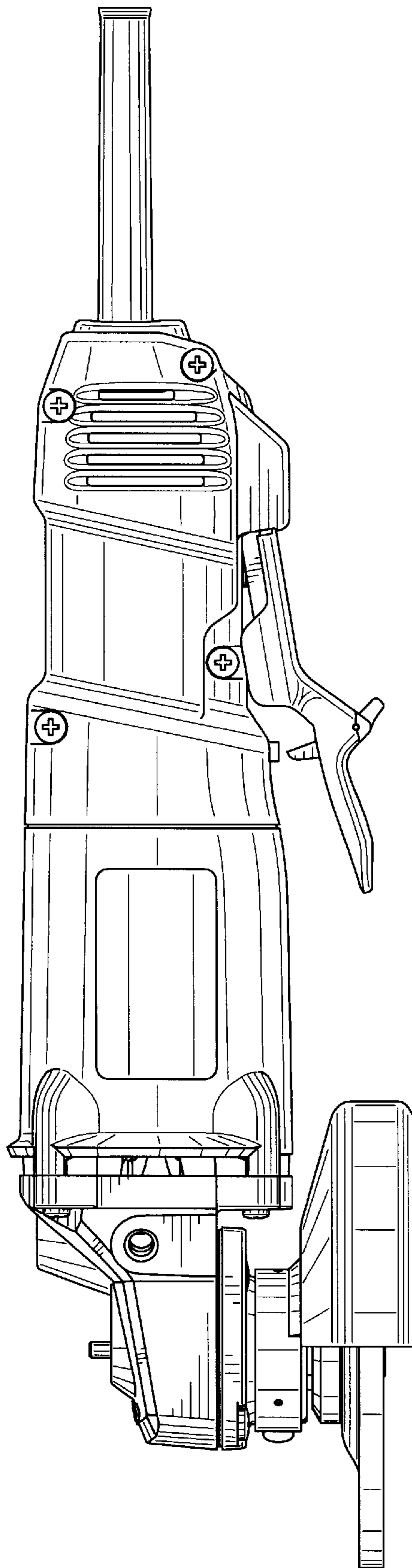


FIG. 4

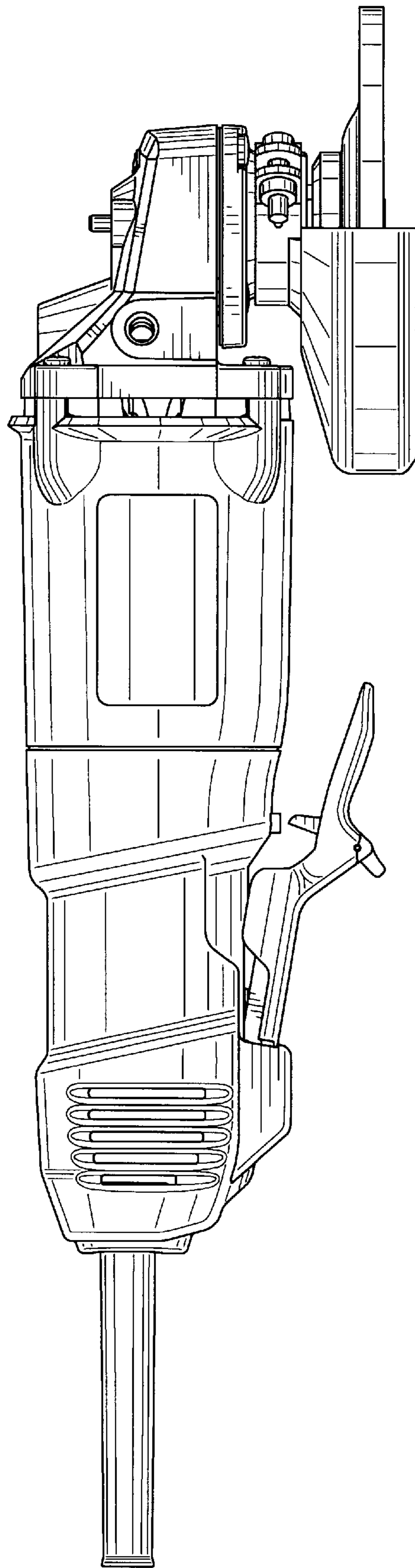


FIG. 5

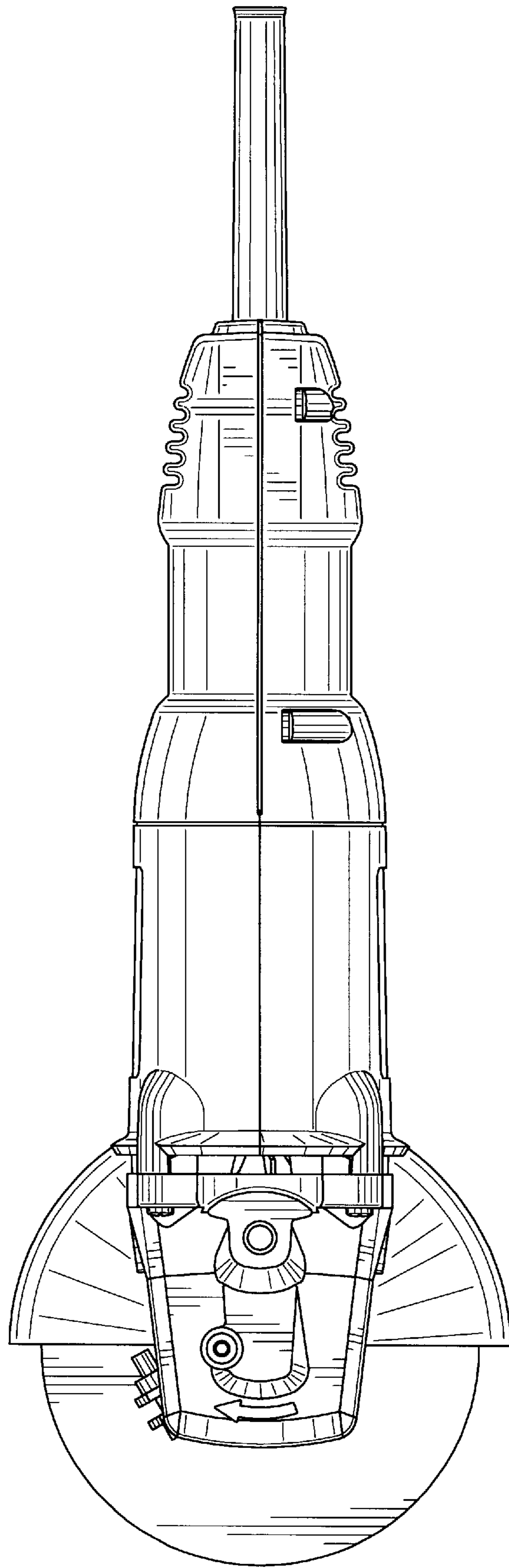


FIG. 6

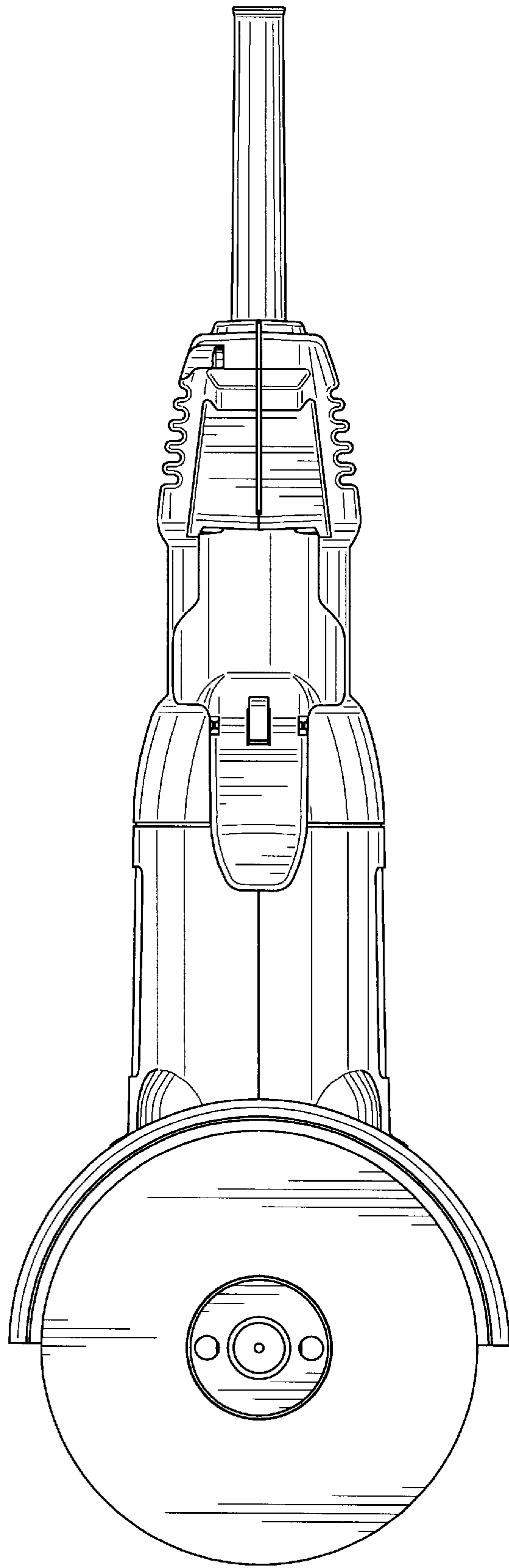


FIG. 7

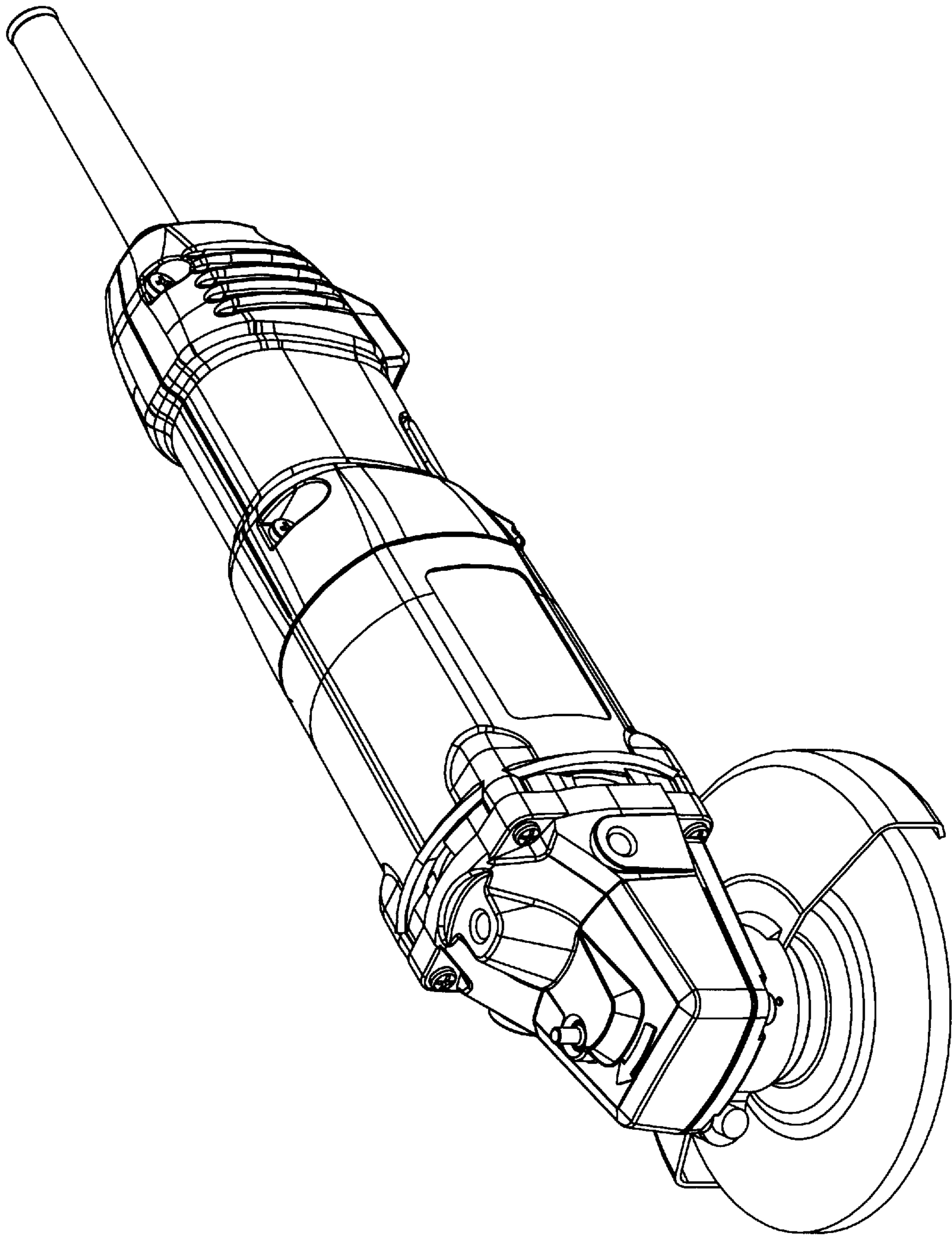


FIG. 8



FIG. 10

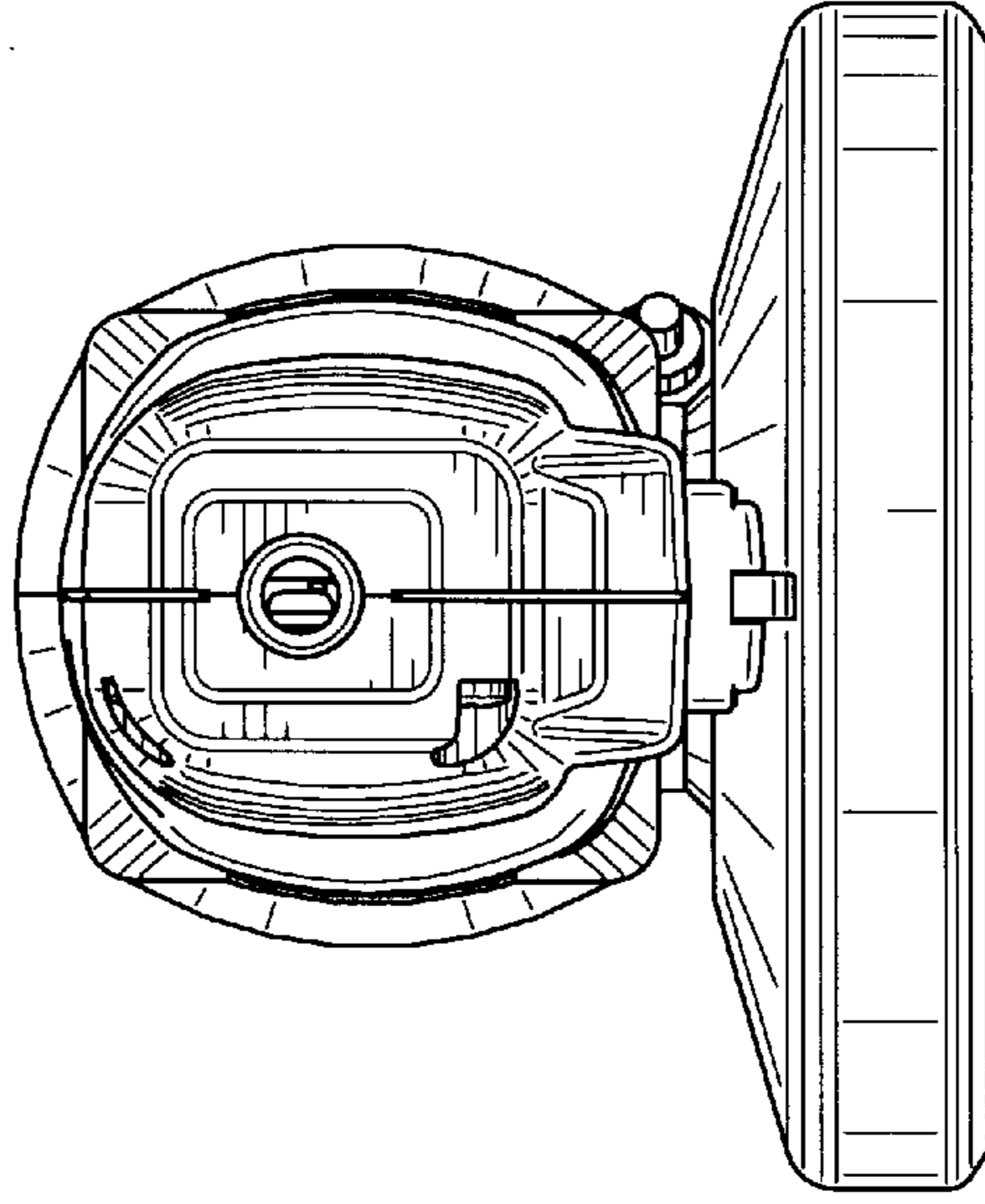
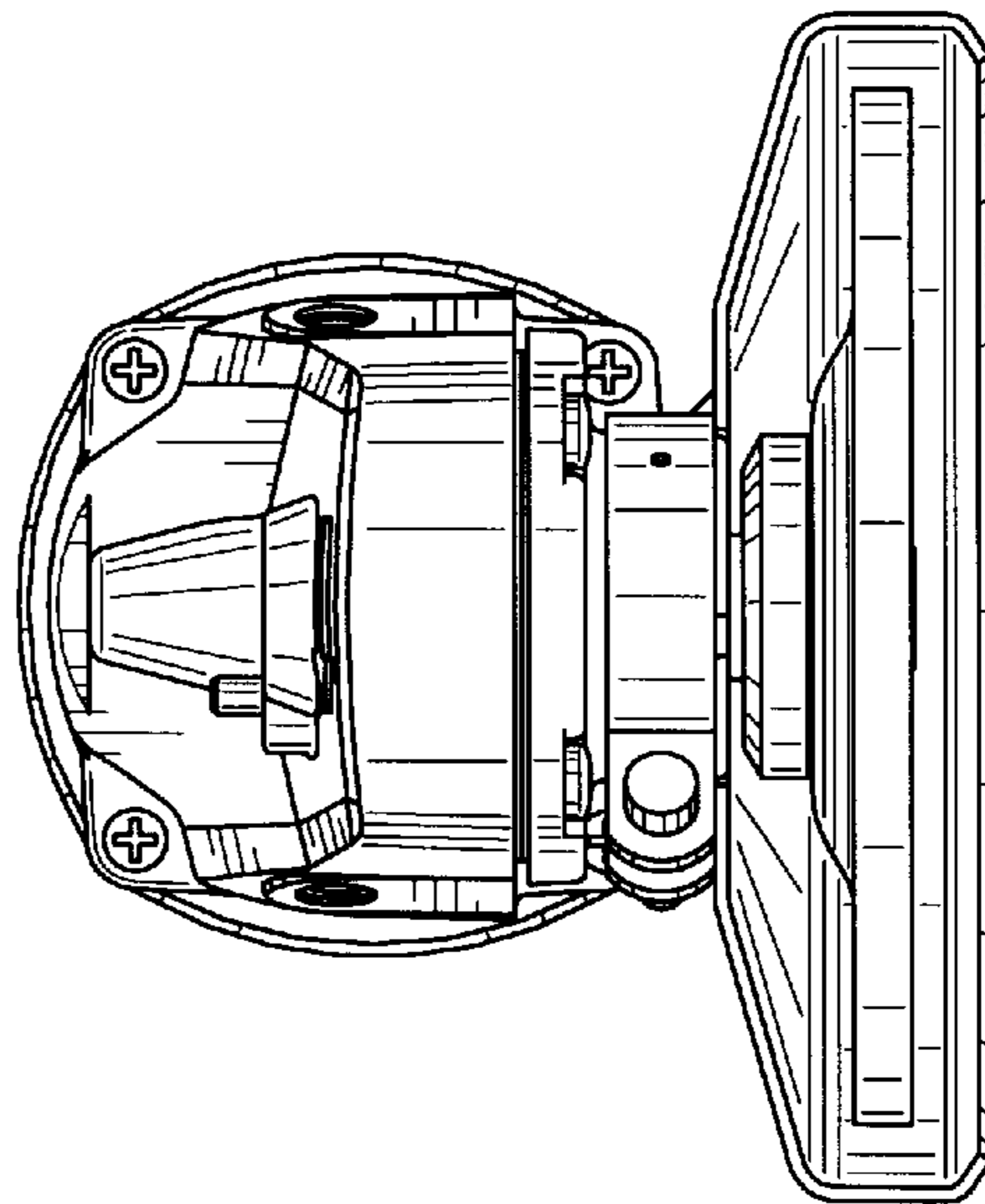


FIG. 9



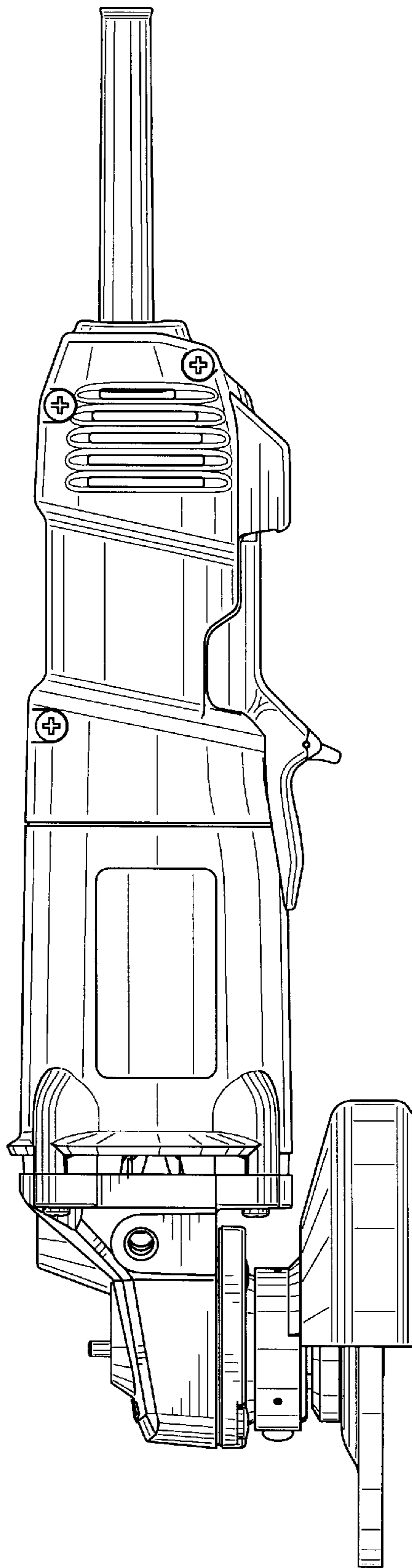


FIG. 11

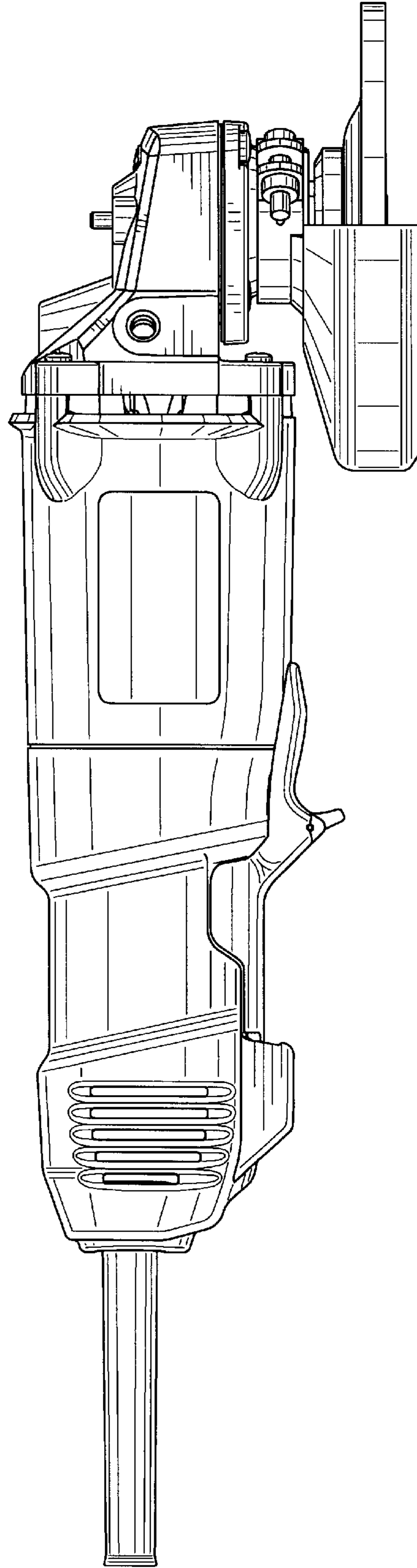


FIG. 12

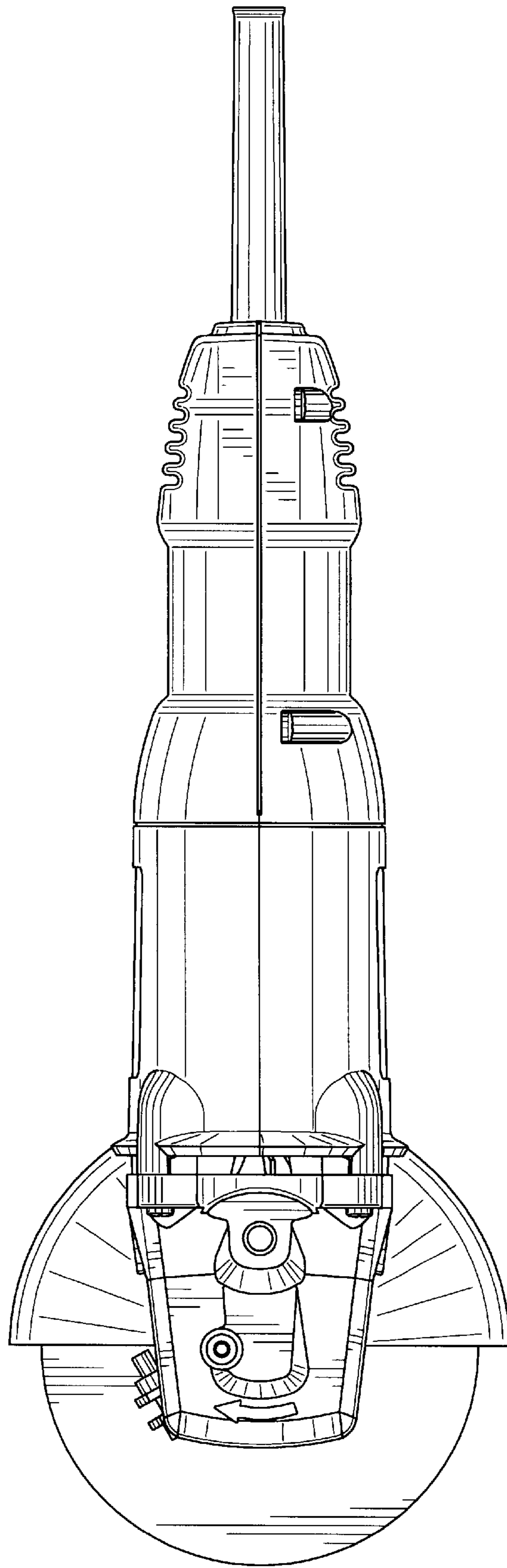


FIG. 13

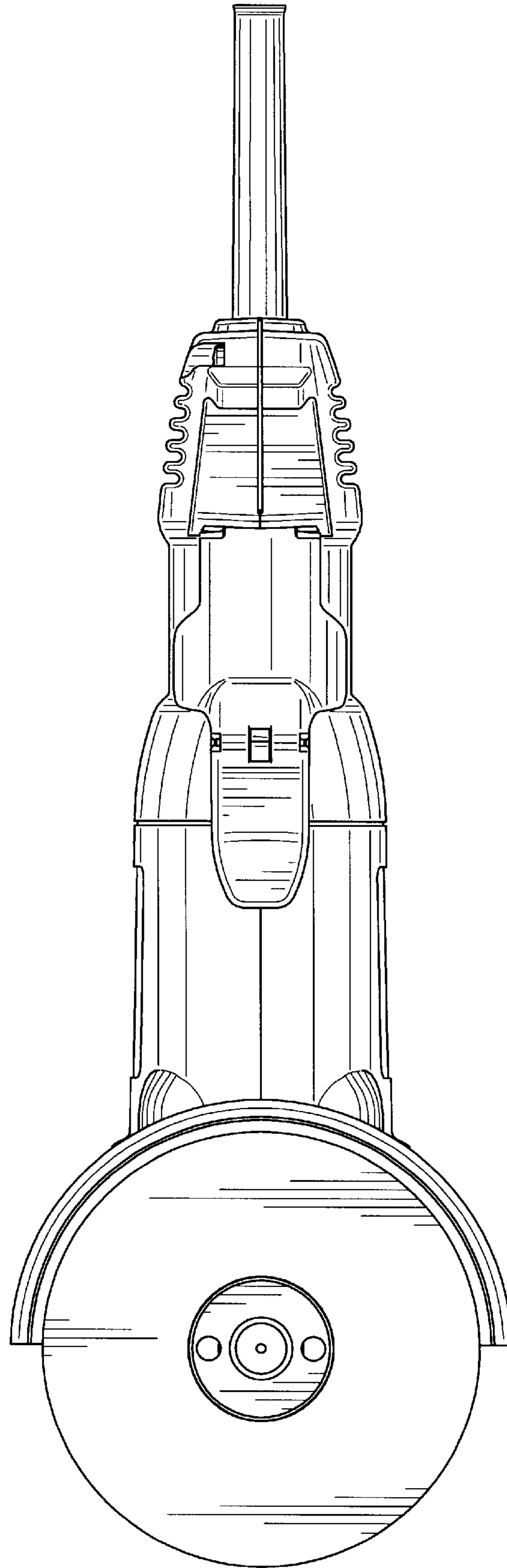


FIG. 14

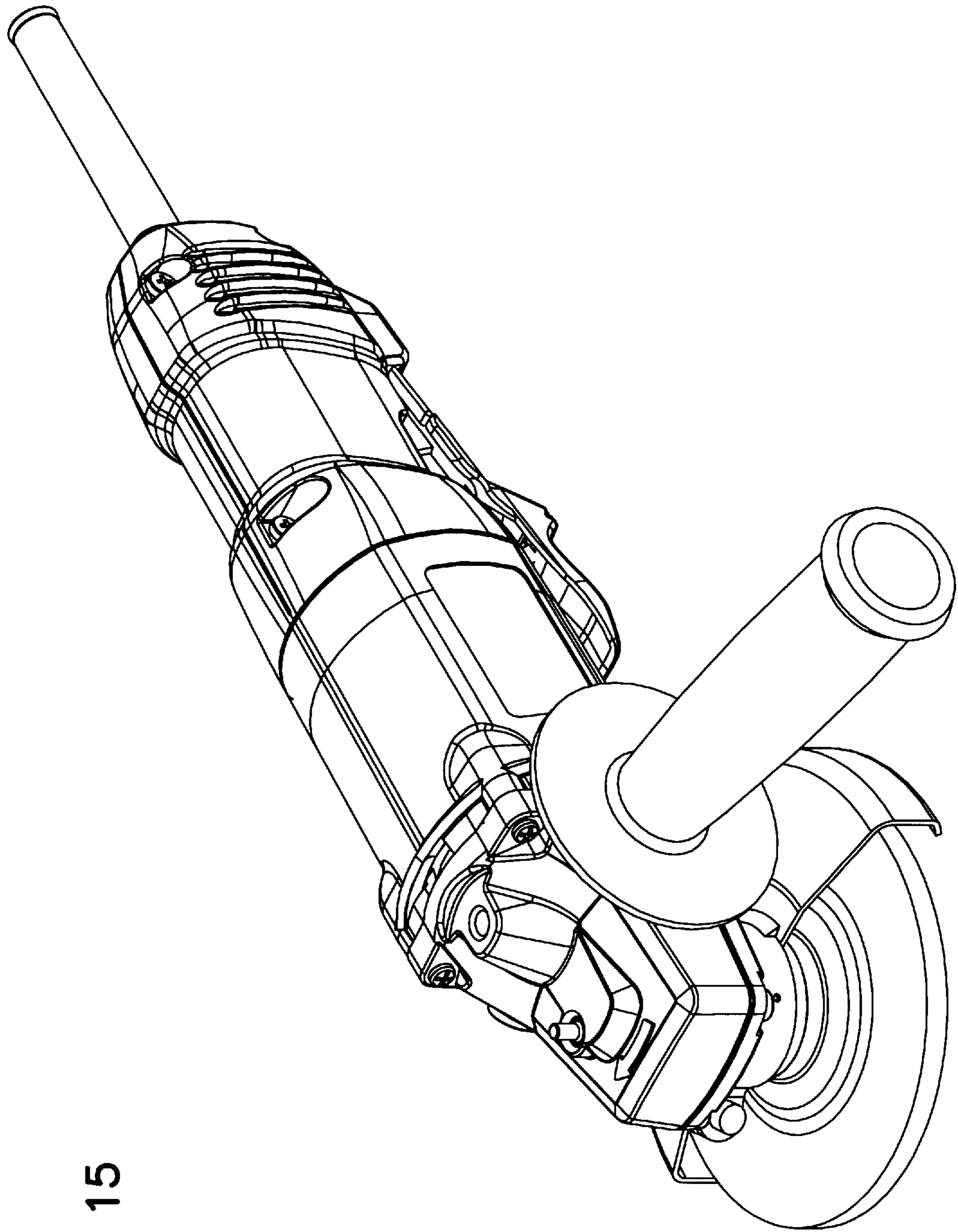


FIG. 15

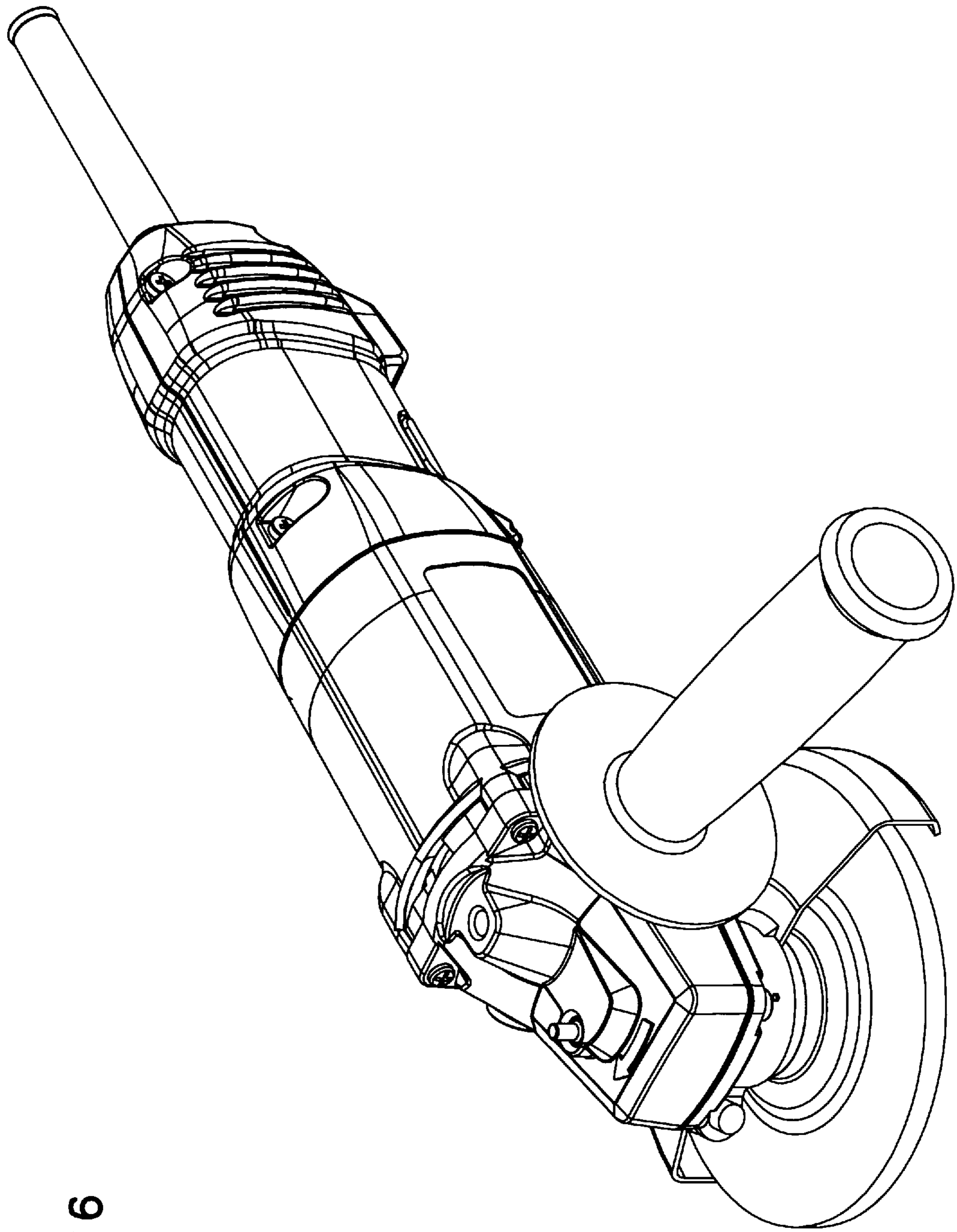


FIG. 16