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(12) **United States Design Patent**
Hagura et al.

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(54) **HYDRAULIC EXCAVATOR**

(71) Applicant: **Hitachi Construction Machinery Co., Ltd.**, Tokyo (JP)

(72) Inventors: **Shigehisa Hagura**, Akishima (JP);
Tomoyuki Miyata, Kodaira (JP);
Nozomu Tanaka, Konan (JP); **Takeo Manabe**, Ishioka (JP)

(73) Assignee: **Hitachi Construction Machinery Co., Ltd.**, Tokyo (JP)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (9) Cl.** **12-09**

(52) **U.S. Cl.**
USPC **D15/25**

(58) **Field of Classification Search**
USPC D15/10, 22-26; 37/403, 411, 443;
414/685, 686, 688, 722-724;
180/89.13
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,397,481 A * 8/1983 Dion et al. 280/781
D271,396 S * 11/1983 Inui D15/24

5,544,435 A * 8/1996 Somero 37/405
5,590,482 A * 1/1997 Peterson et al. 37/403
D391,272 S * 2/1998 Jin et al. D15/25
D409,629 S * 5/1999 Miyaoka et al. D15/25
D437,602 S * 2/2001 Hiraoka et al. D15/25
D460,975 S * 7/2002 Yanagida et al. D15/25
D462,973 S * 9/2002 Tamaru et al. D15/25
D462,974 S * 9/2002 Yanagida et al. D15/25
D534,552 S * 1/2007 Yanagida D15/25

FOREIGN PATENT DOCUMENTS

JP D 1240324 S 5/2005
JP D 1342289 S 10/2008

* cited by examiner

Primary Examiner — Mark Goodwin

(74) *Attorney, Agent, or Firm* — Antonelli, Terry, Stout & Kraus, LLP.

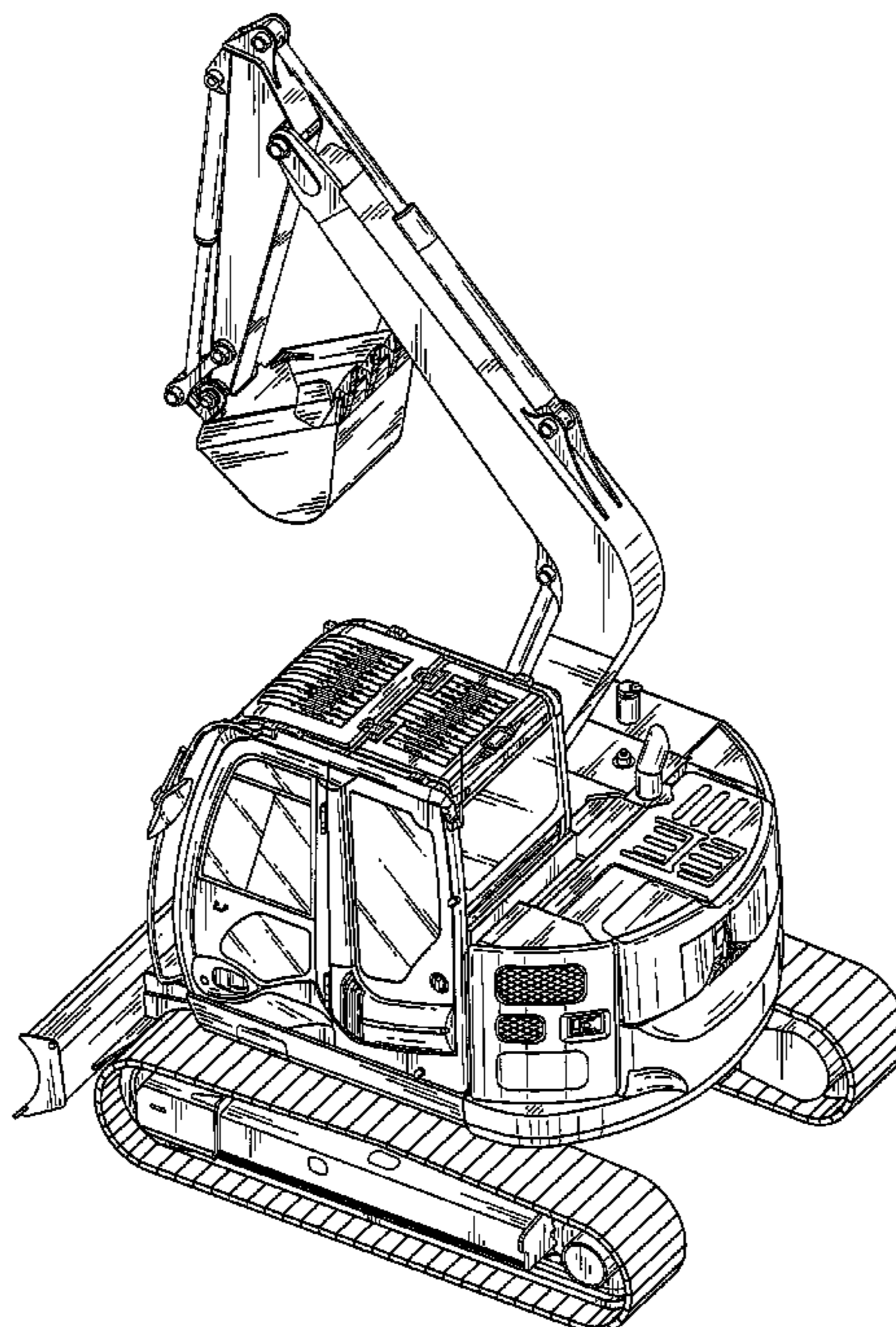
(57) **CLAIM**

We claim the ornamental design for a hydraulic excavator, as shown.

DESCRIPTION

FIG. 1 is a front, top and right side perspective view of a hydraulic excavator showing our/my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a top plan view thereof; and,
FIG. 7 is a bottom plan view thereof.

1 Claim, 6 Drawing Sheets



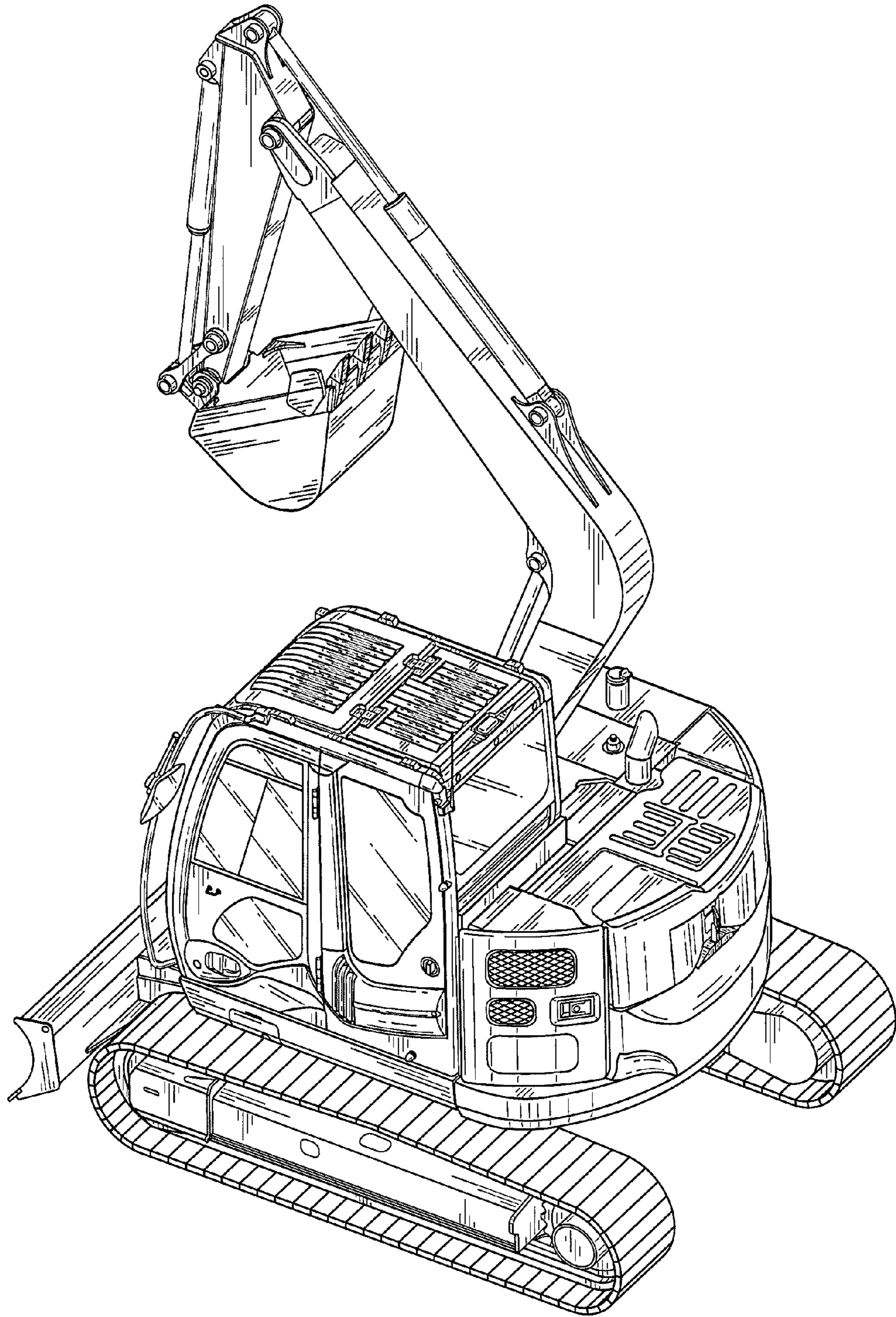


FIG. 1

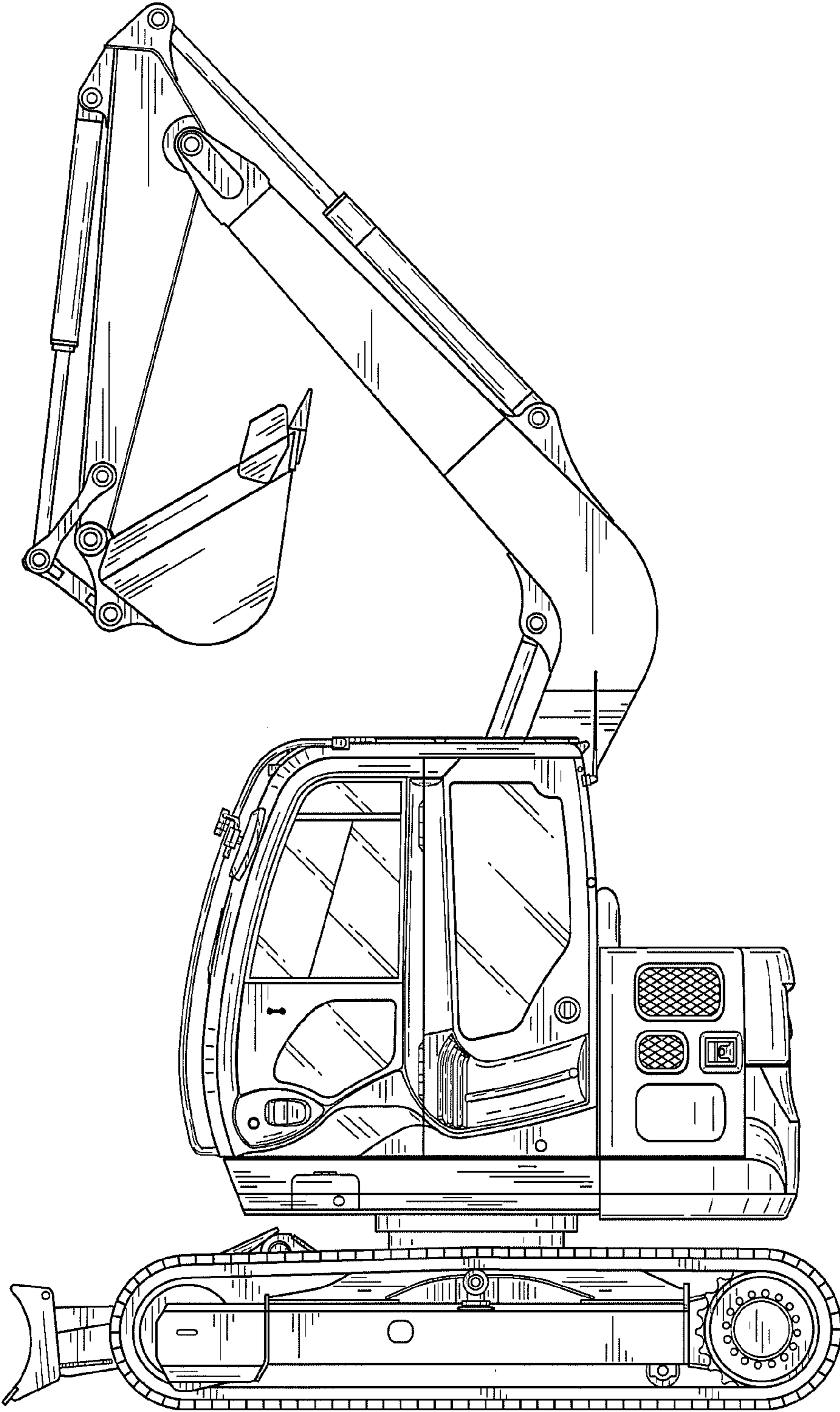


FIG. 2

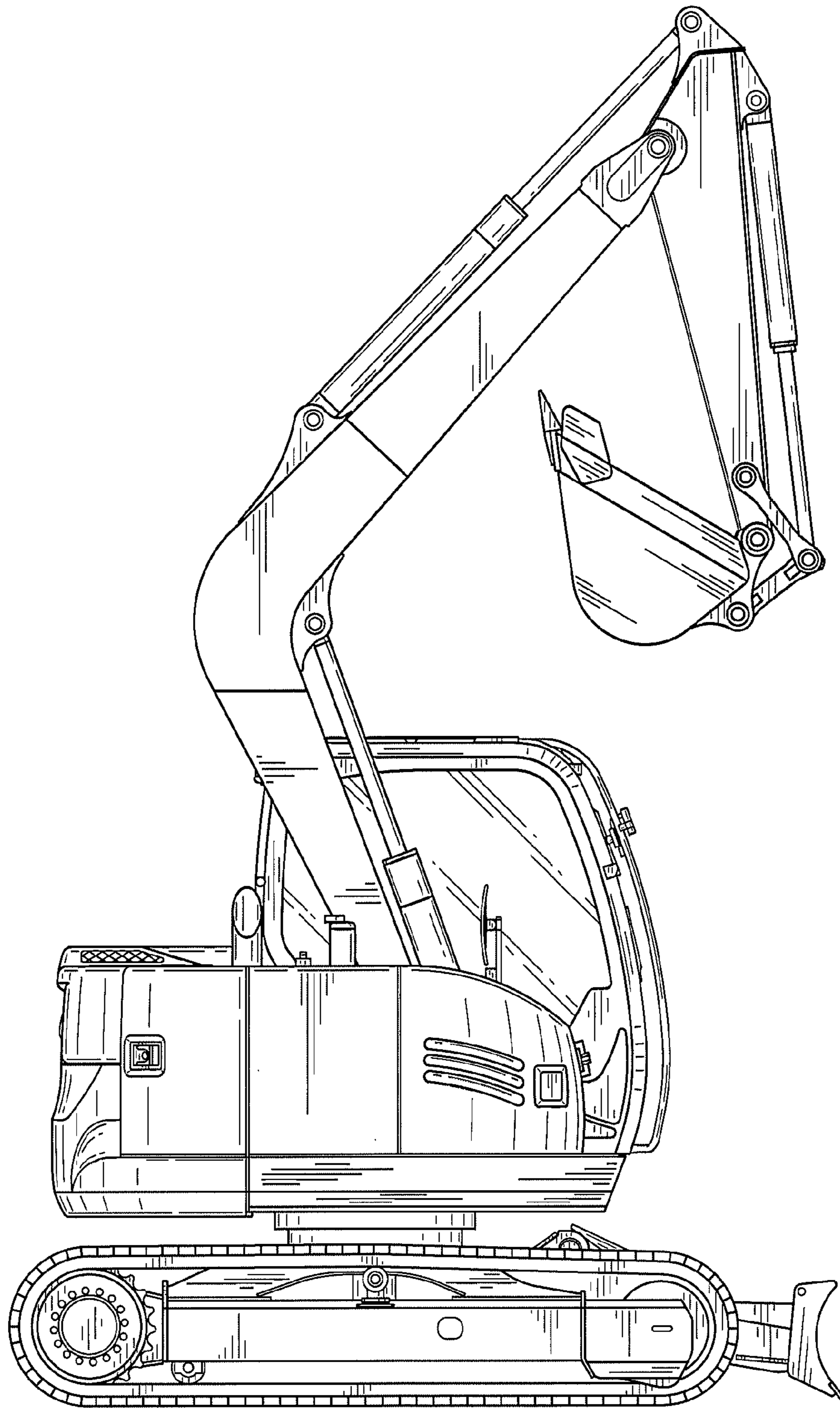


FIG. 3

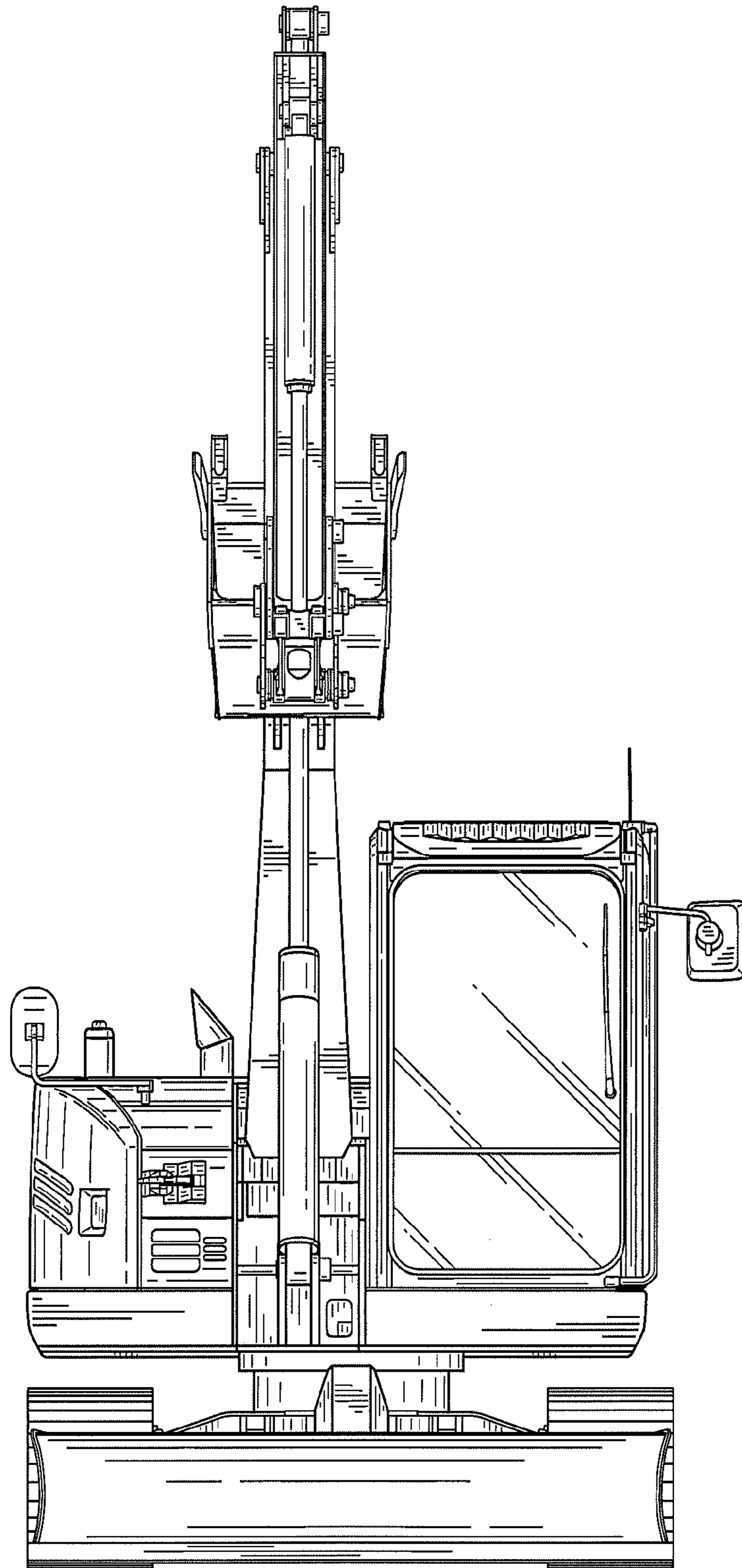


FIG. 4

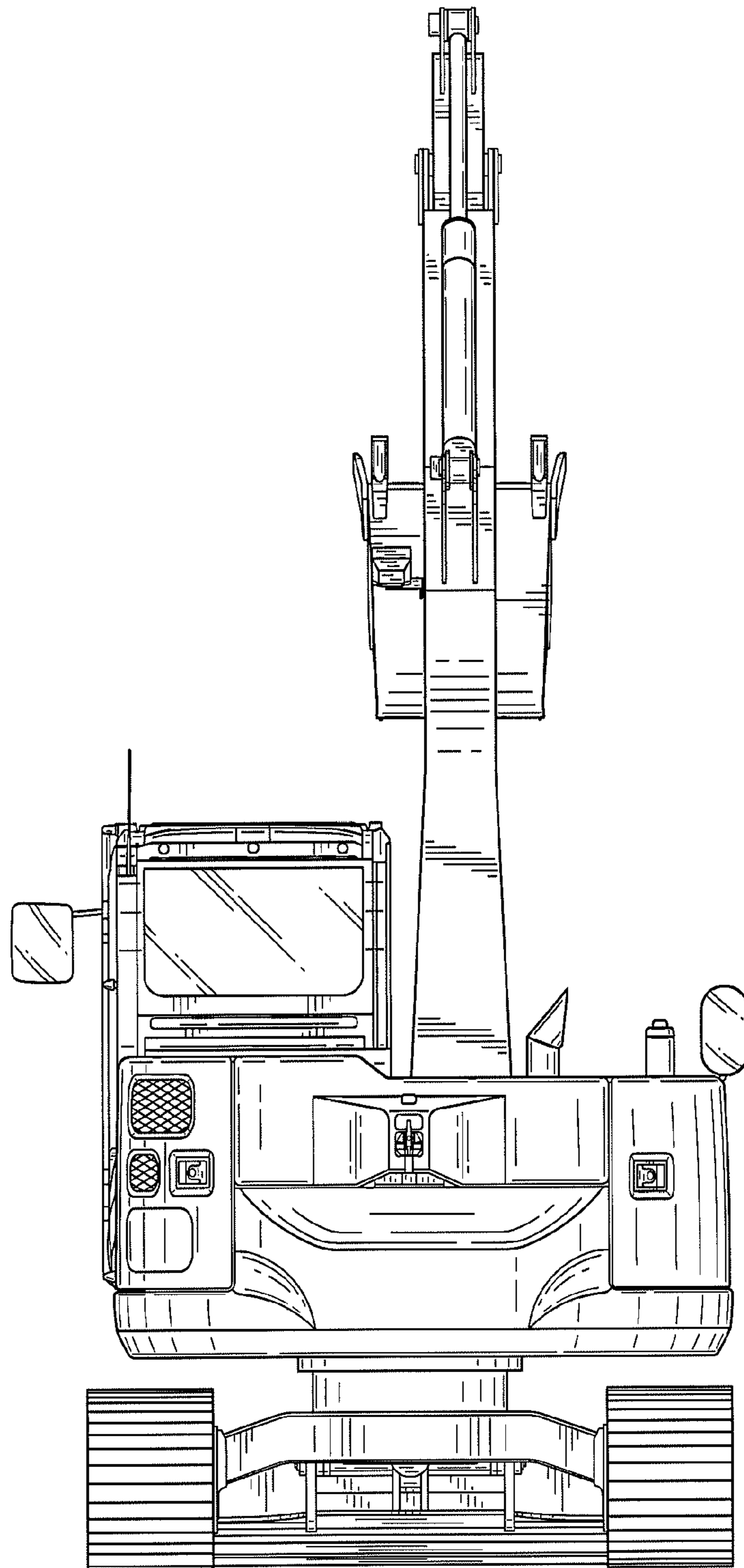


FIG. 5

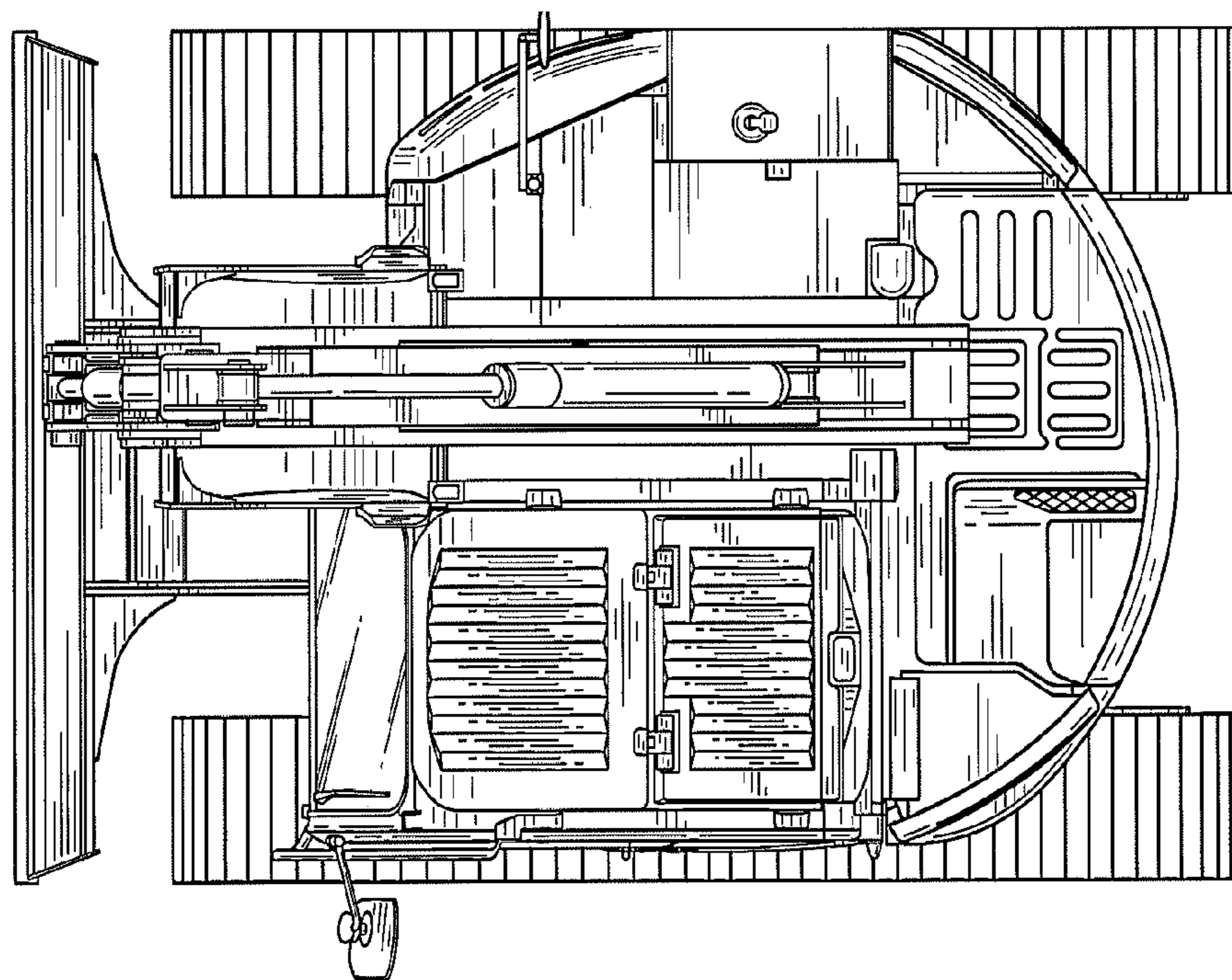


FIG. 6

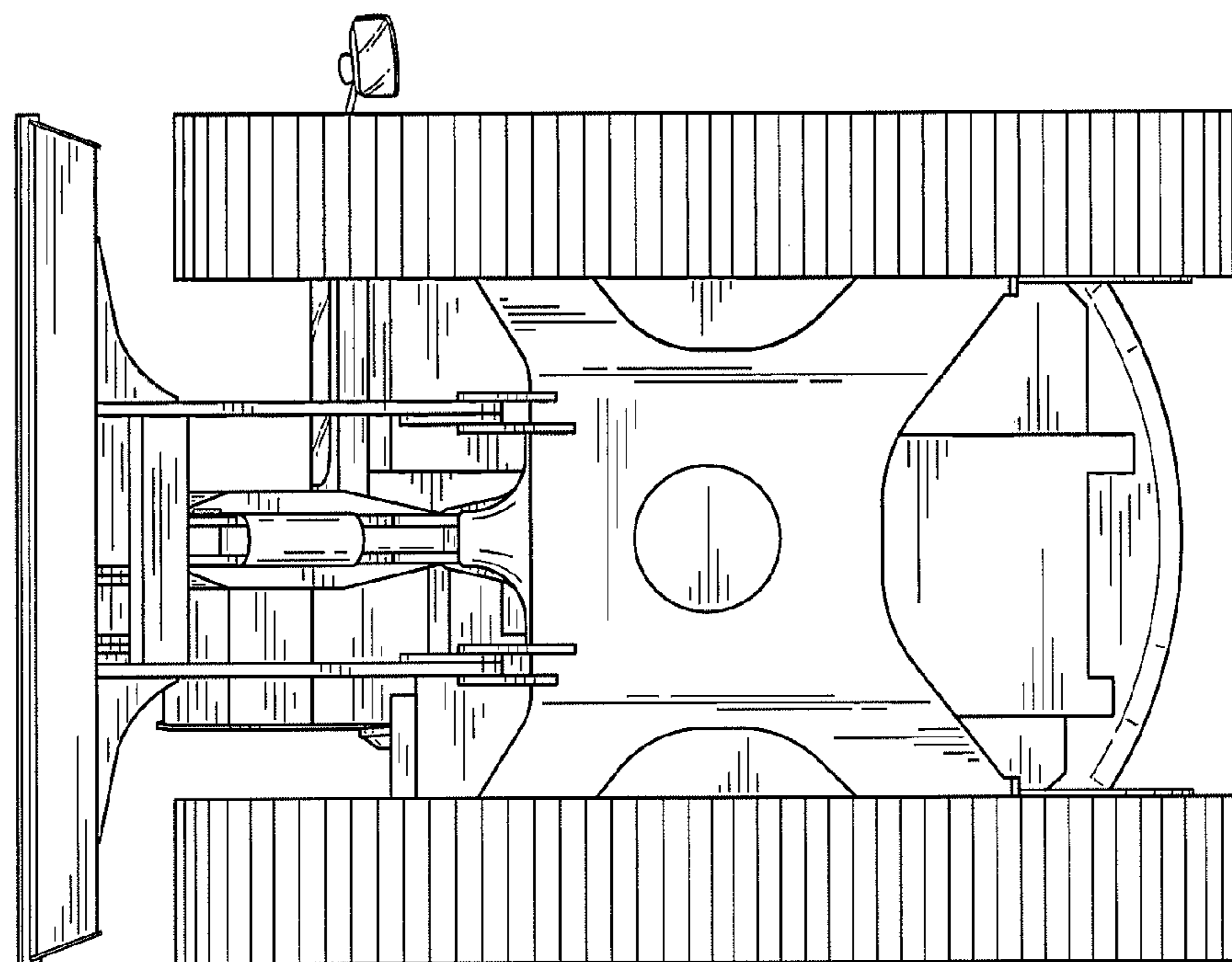


FIG. 7