



US00D725680S

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

(10) **Patent No.:** **US D725,680 S**  
(45) **Date of Patent:** **\*\* Mar. 31, 2015**

(54) **EXCAVATOR**

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(73) Assignee: **Yanmar Co., Ltd.**, Osaka (JP)

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

(21) Appl. No.: **29/480,181**

(22) Filed: **Jan. 23, 2014**

(30) **Foreign Application Priority Data**

Jul. 24, 2013 (JP) ..... 2013-16888

(51) **LOC (10) Cl.** ..... **12-09**

(52) **U.S. Cl.**  
USPC ..... **D15/24; D15/25**

(58) **Field of Classification Search**  
USPC ..... D15/10, 22-26, 28, 30; 180/89.1, 180/89.12, 89.13, 900, 9.1, 9.2, 9.62; 37/379; 414/694, 699, 722-724, 660, 414/685, 698, 719, 743  
See application file for complete search history.

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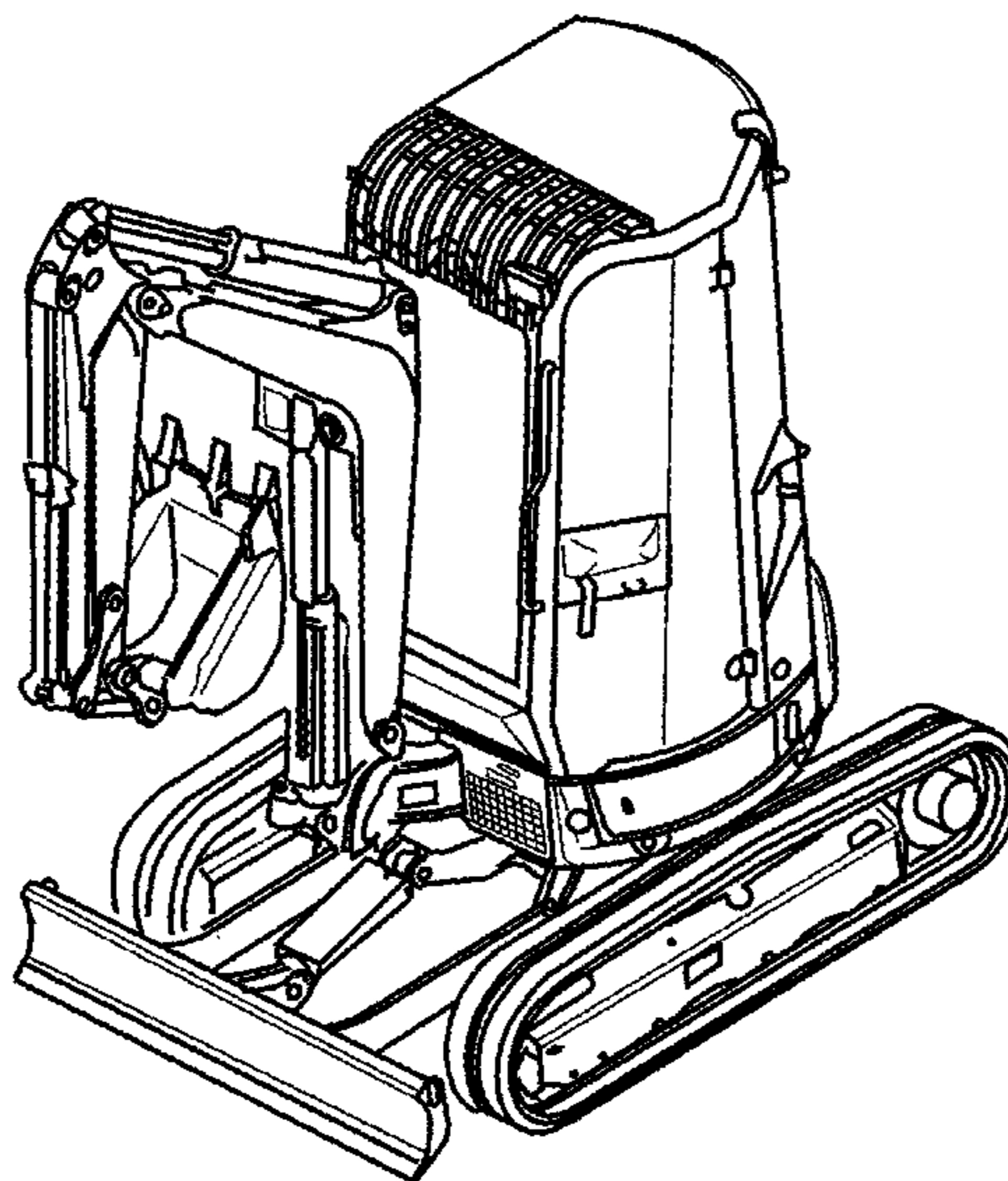
(57) **CLAIM**

The ornamental design for an excavator, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of an excavator showing our new design;  
FIG. 2 is a rear perspective view thereof;  
FIG. 3 is a front view thereof;  
FIG. 4 is a rear view thereof;  
FIG. 5 is a left side view thereof;  
FIG. 6 is a right side view thereof;  
FIG. 7 is a top plan view thereof;  
FIG. 8 is a bottom plan view thereof;  
FIG. 9 is the front view of another embodiment of the excavator in FIG. 1;  
FIG. 10 is a rear view thereof;  
FIG. 11 is a left side view thereof;  
FIG. 12 is a right side view thereof; and,  
FIG. 13 is a top plan view thereof.  
The oblique shade lines in FIGS. 9 through 13 shows transparency and not surface ornamentation.

**1 Claim, 13 Drawing Sheets**



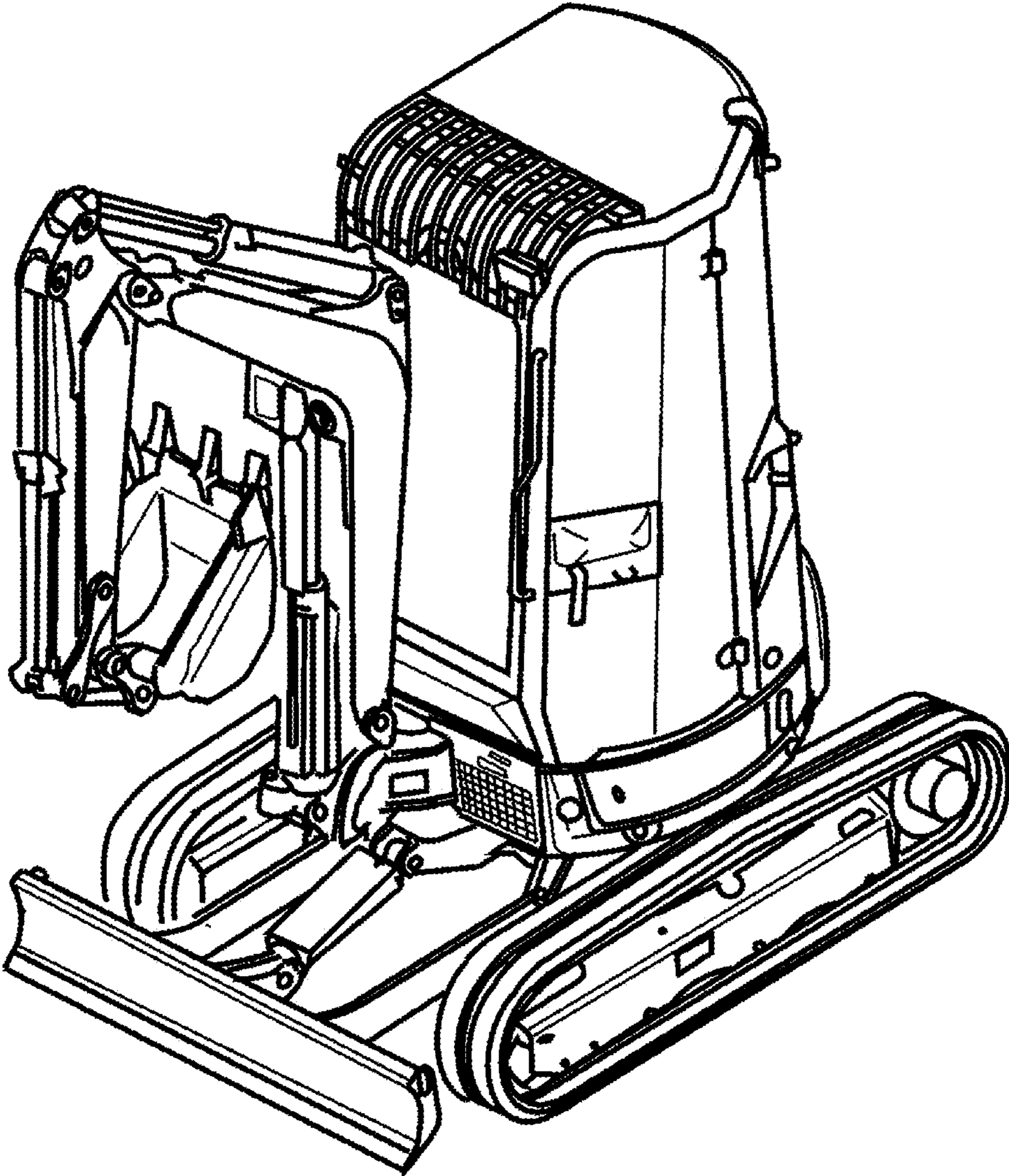


FIG. 1

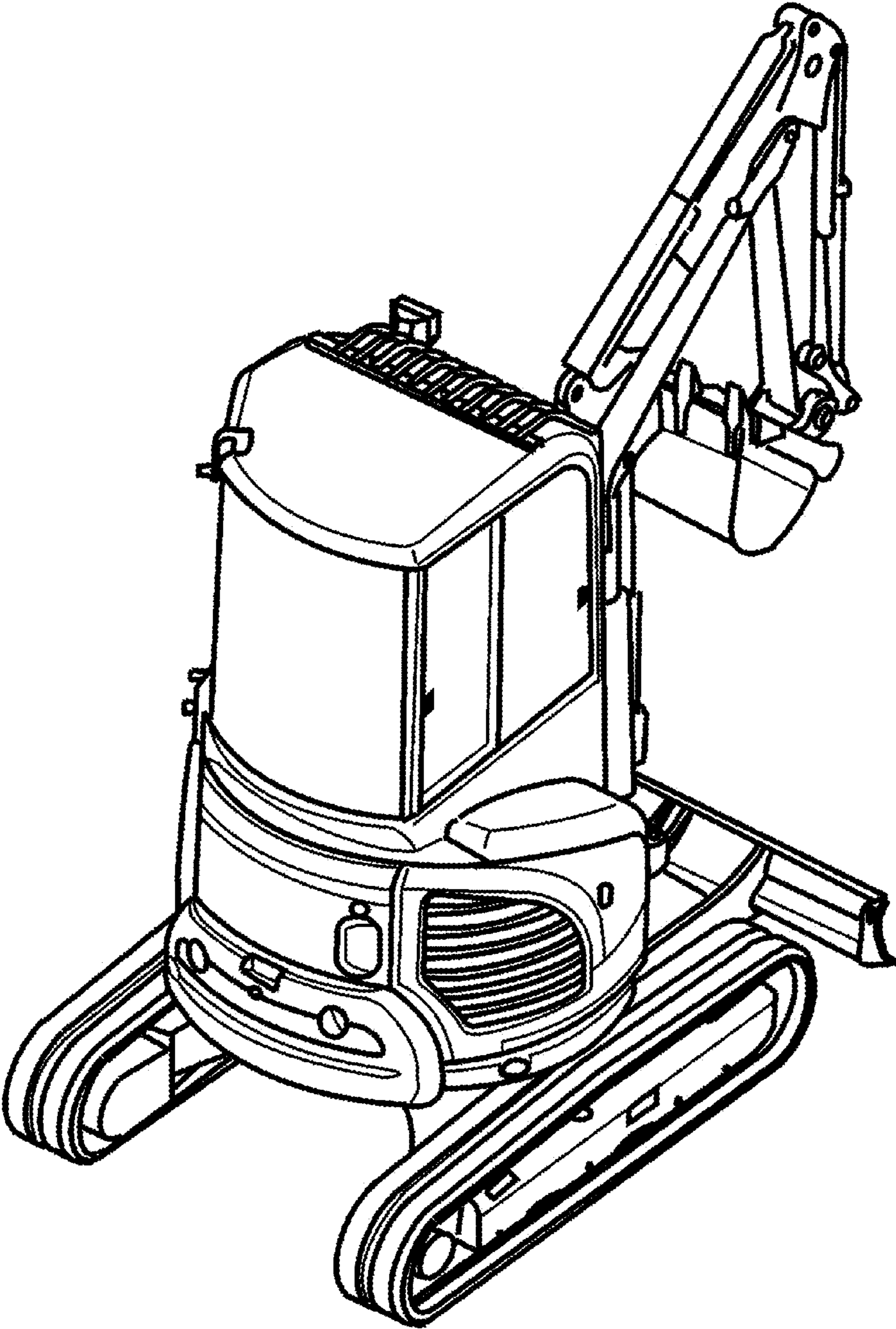


FIG. 2



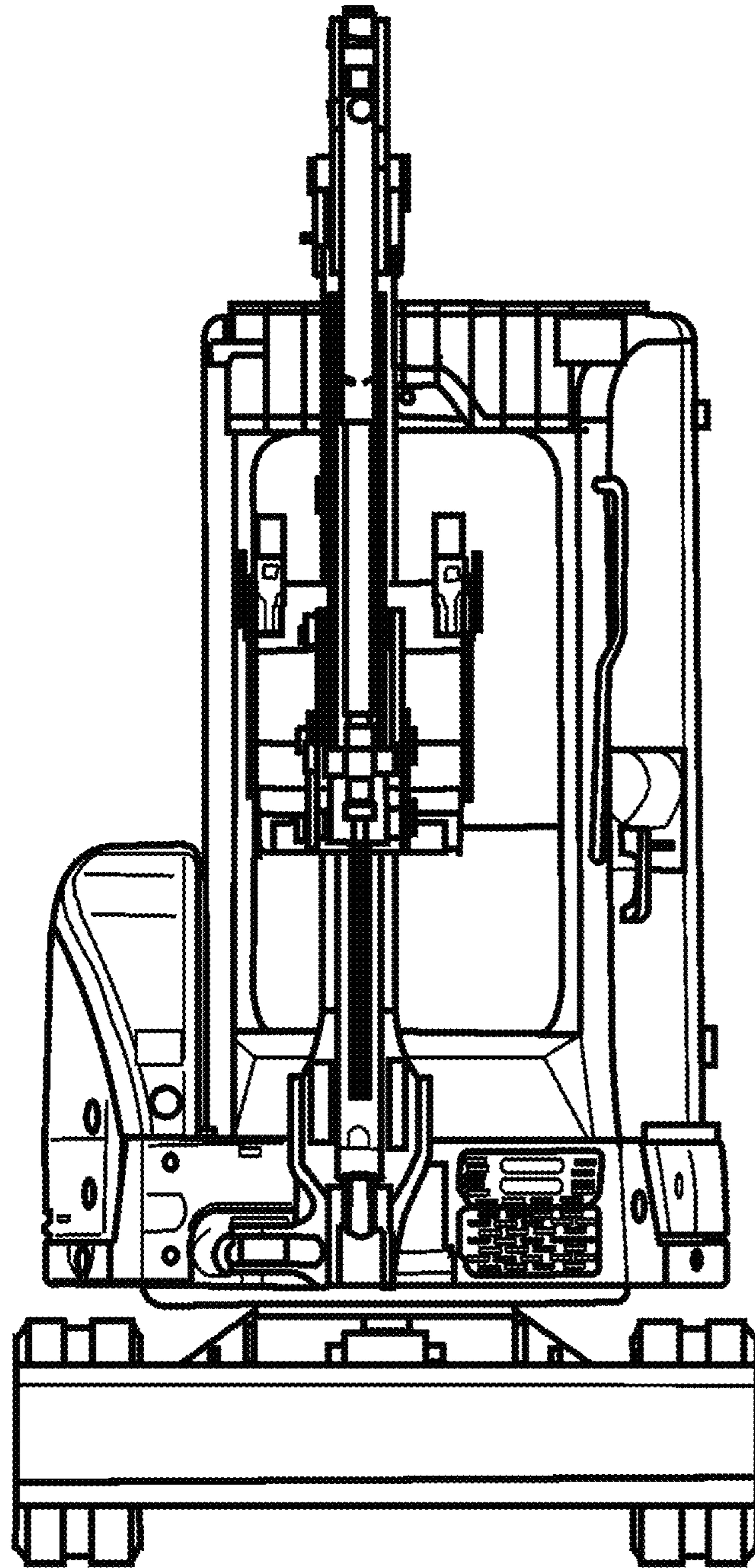


FIG. 3

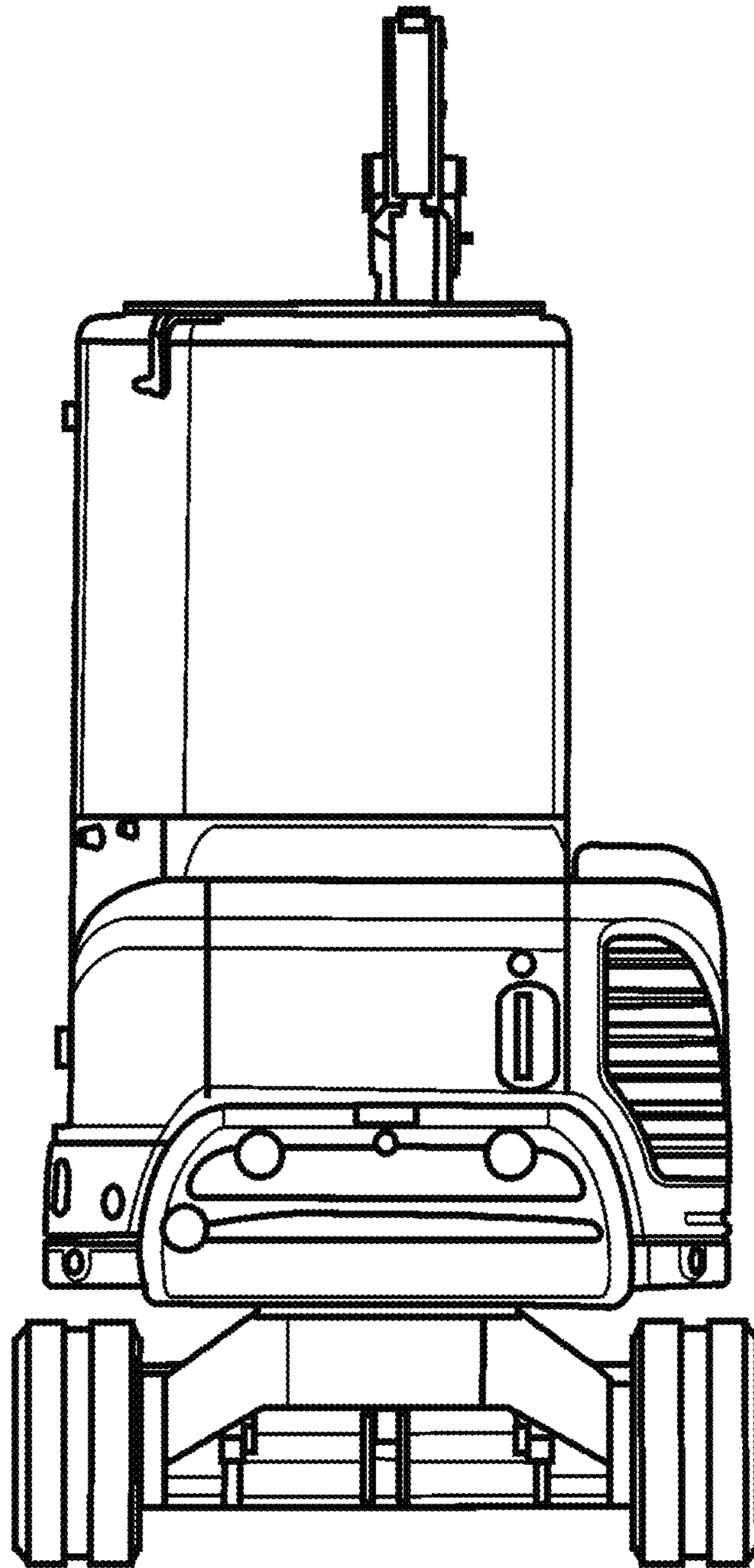


FIG. 4

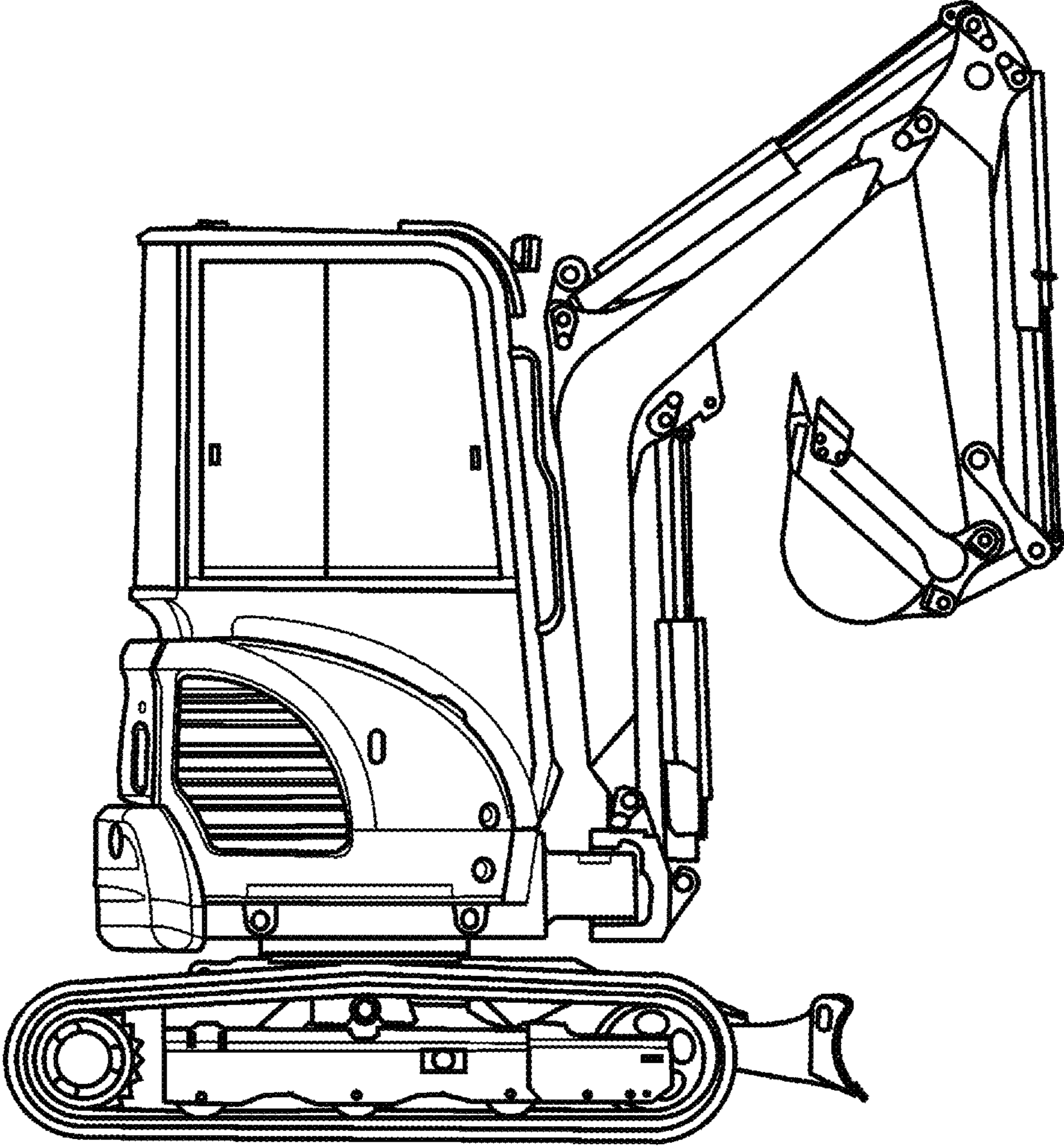


FIG. 5

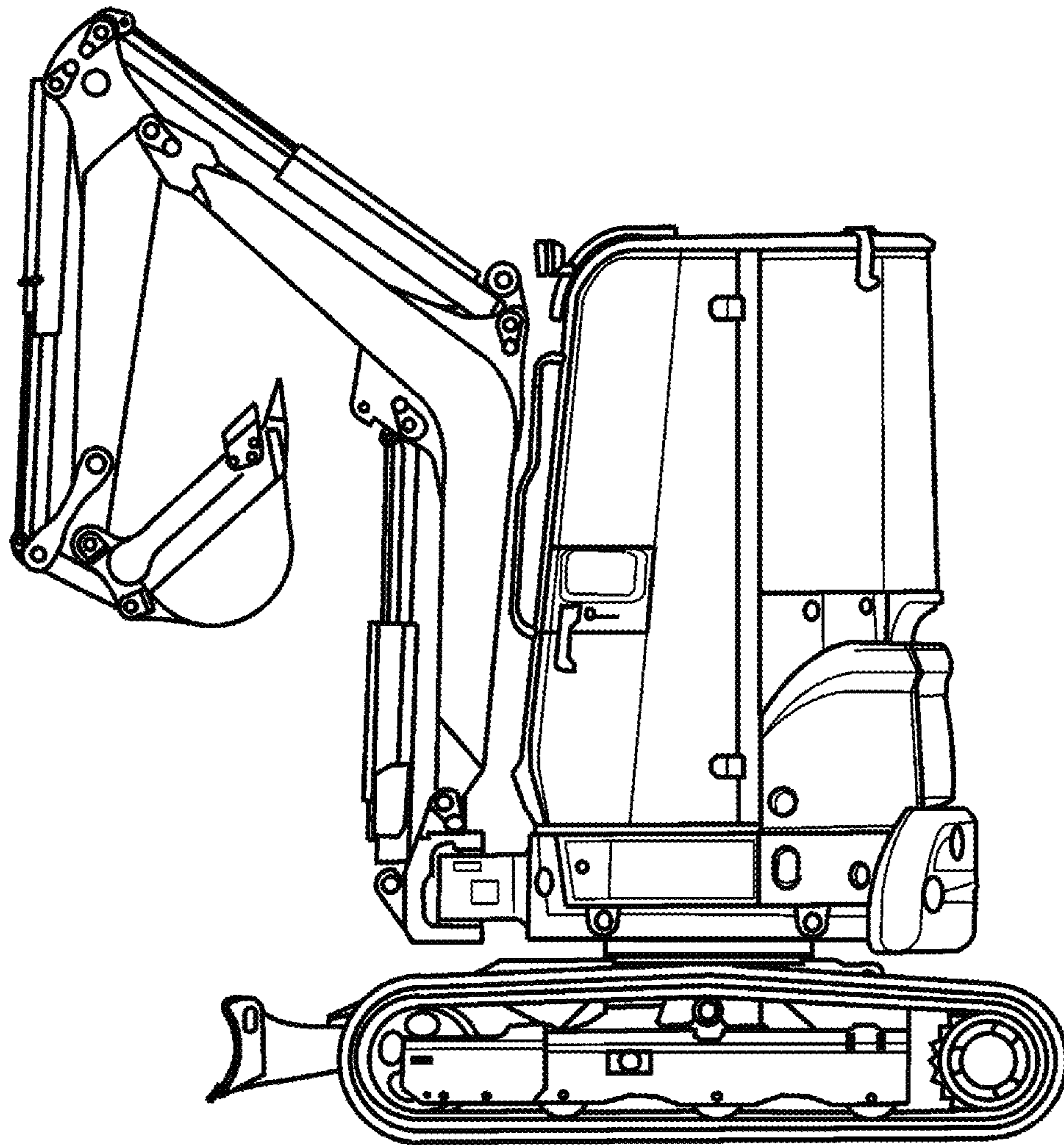


FIG. 6



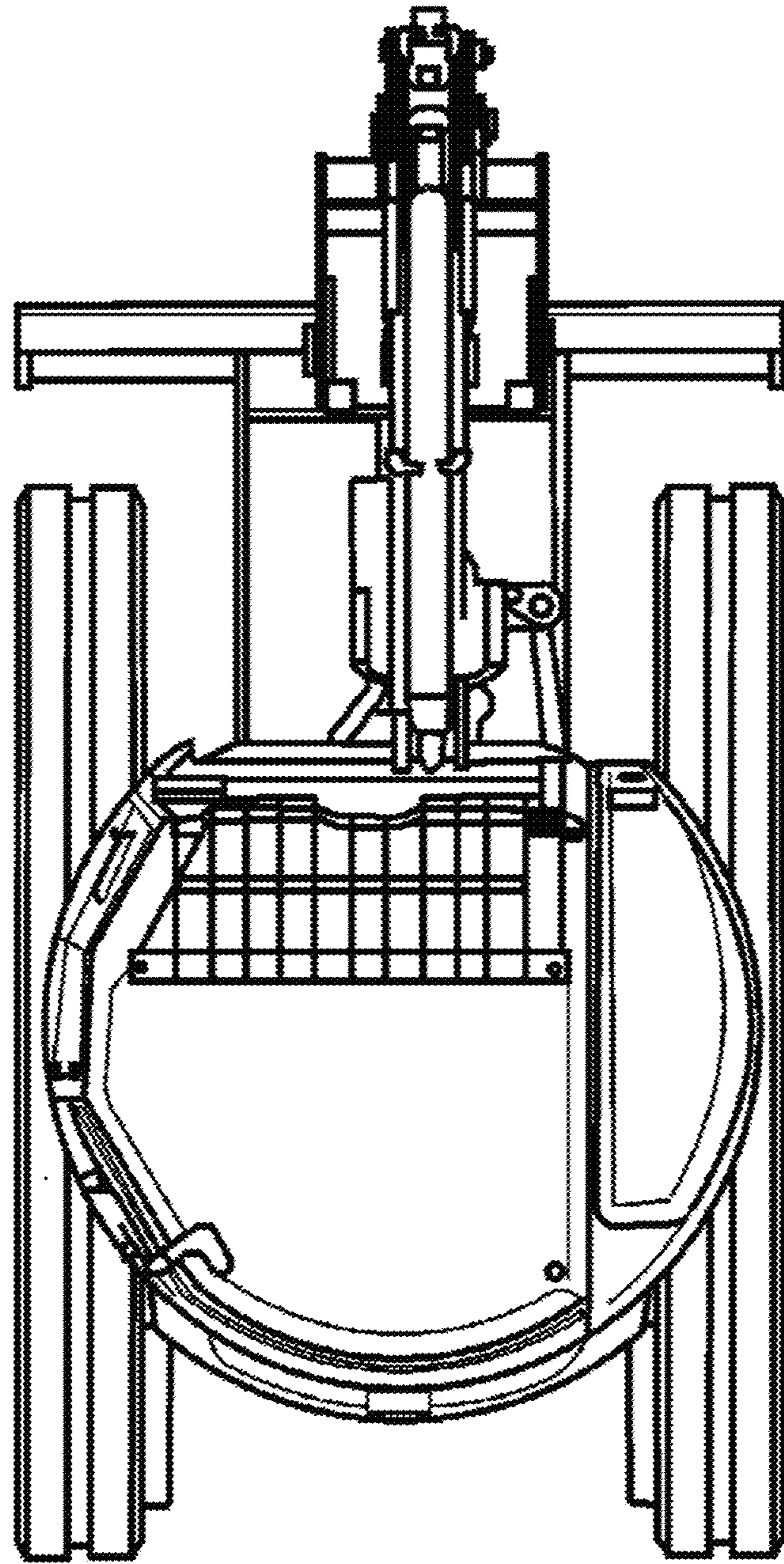


FIG. 7



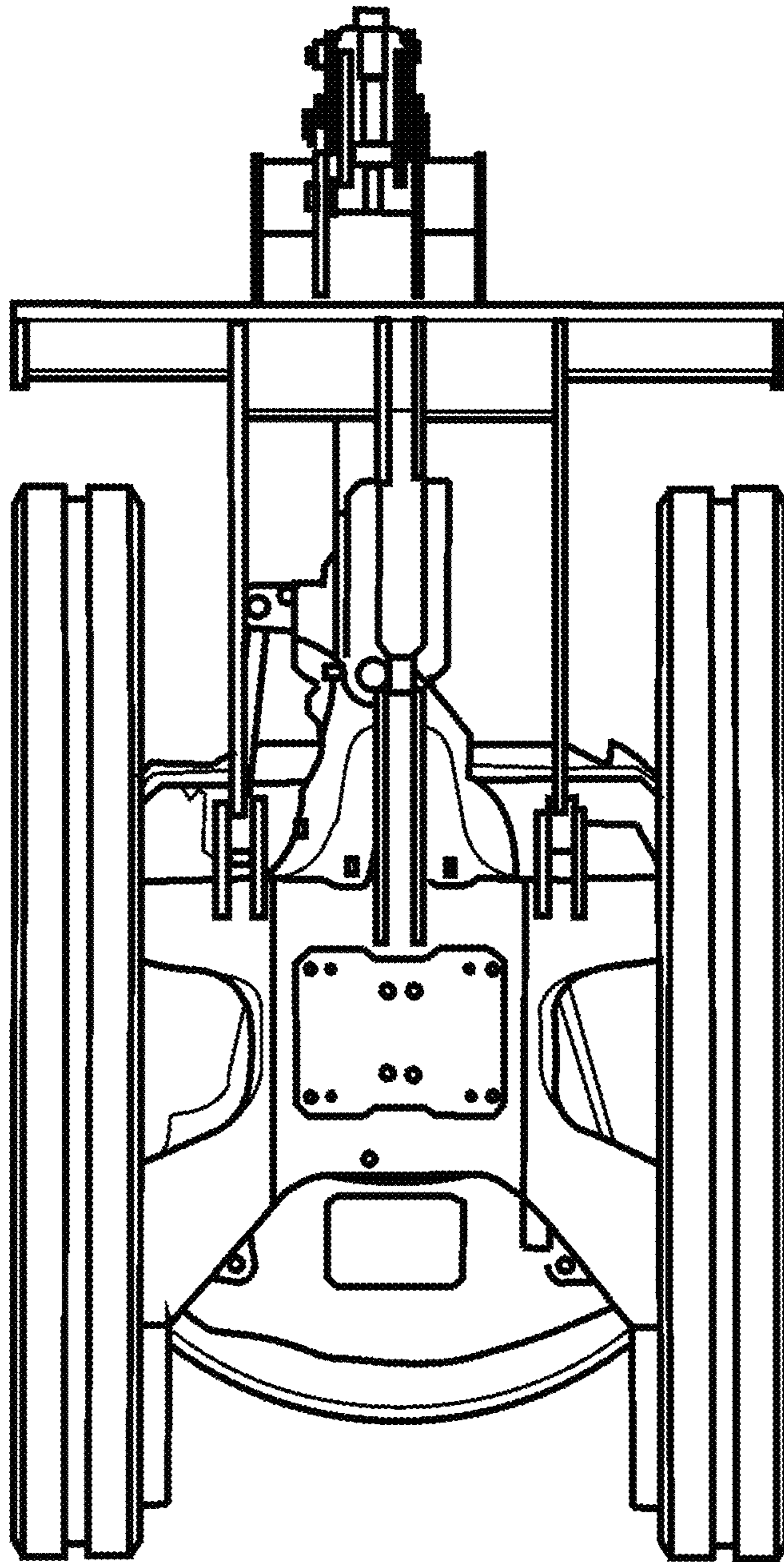


FIG. 8

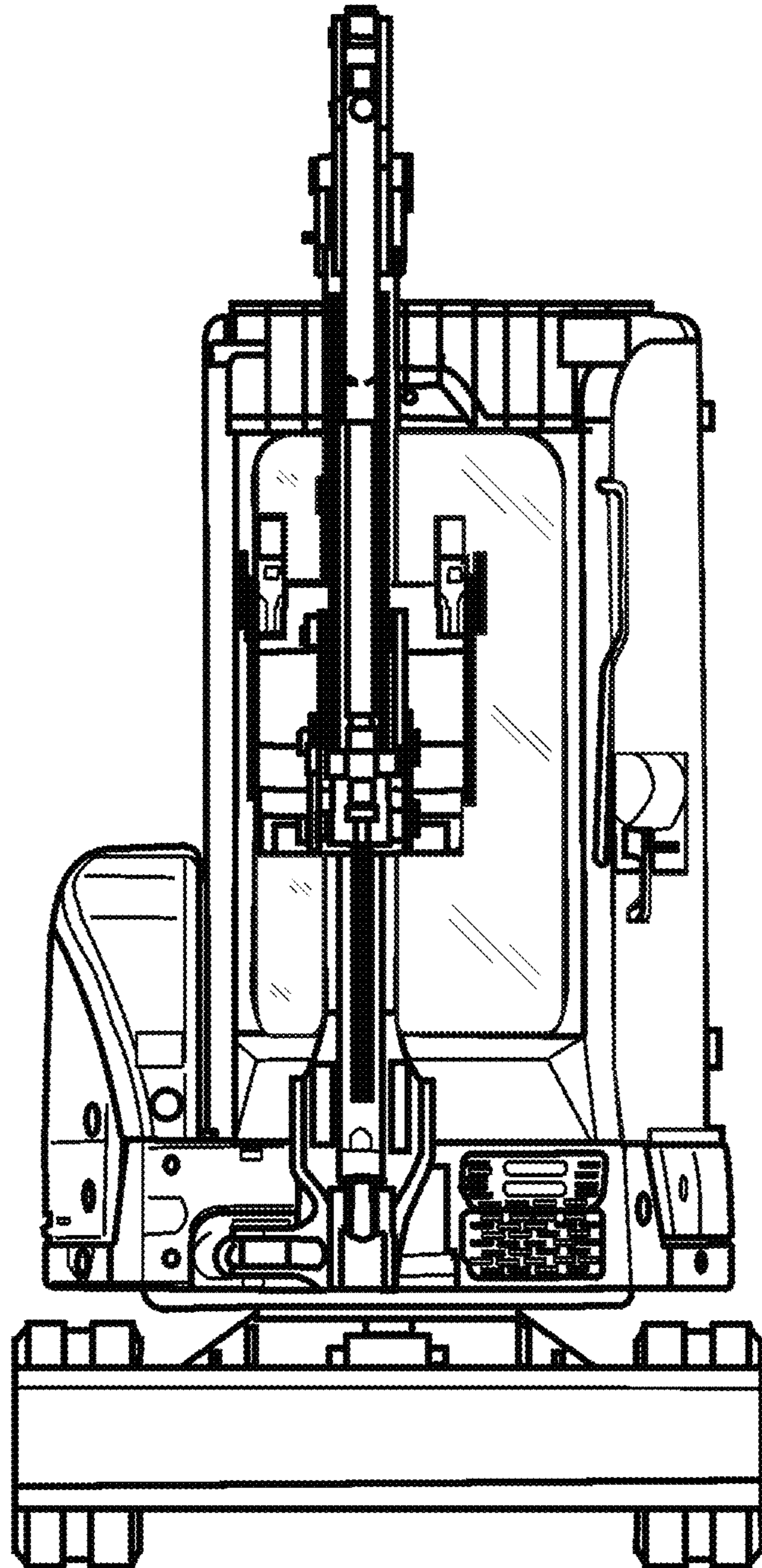


FIG. 9

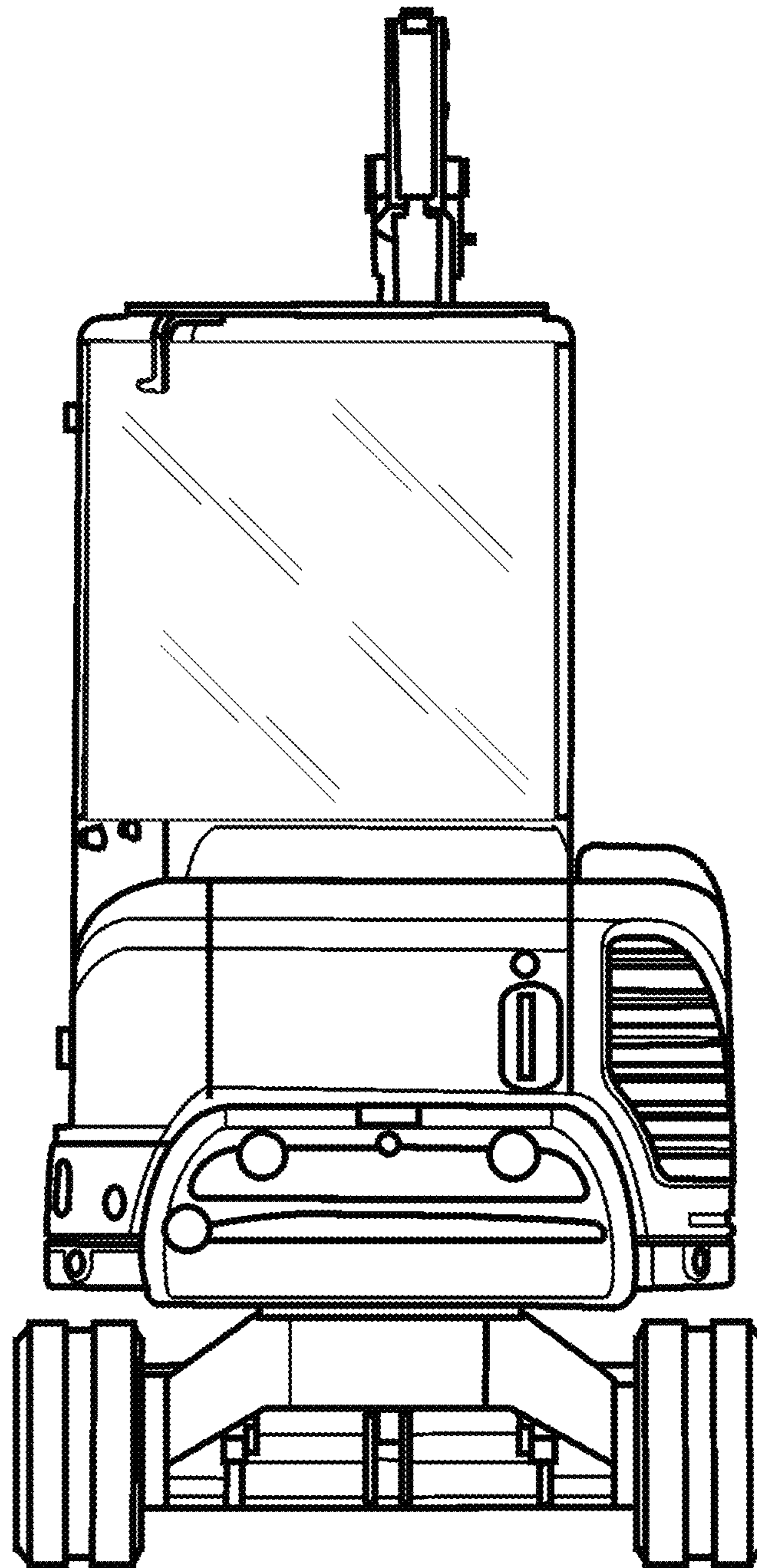


FIG. 10



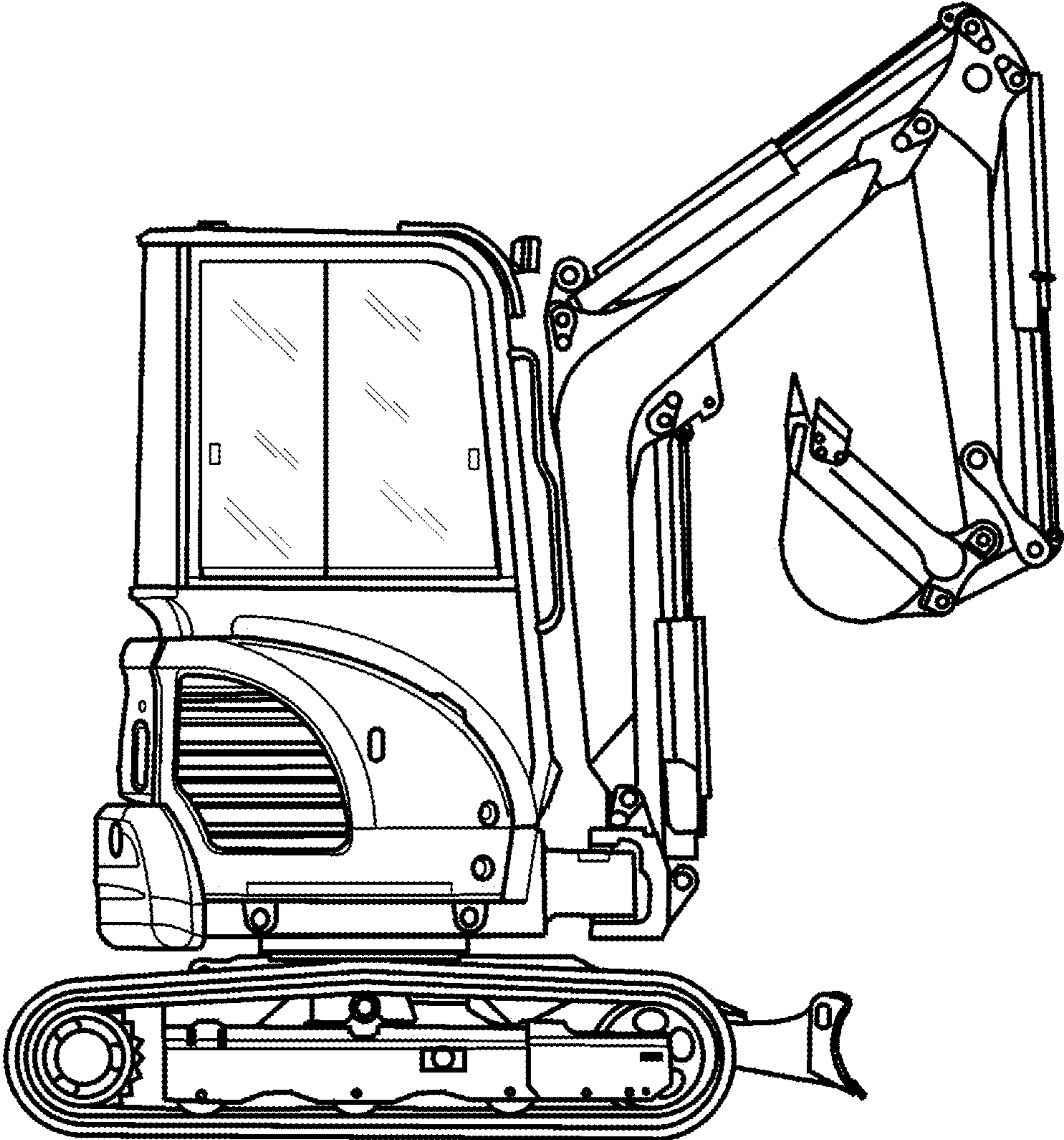


FIG. 11

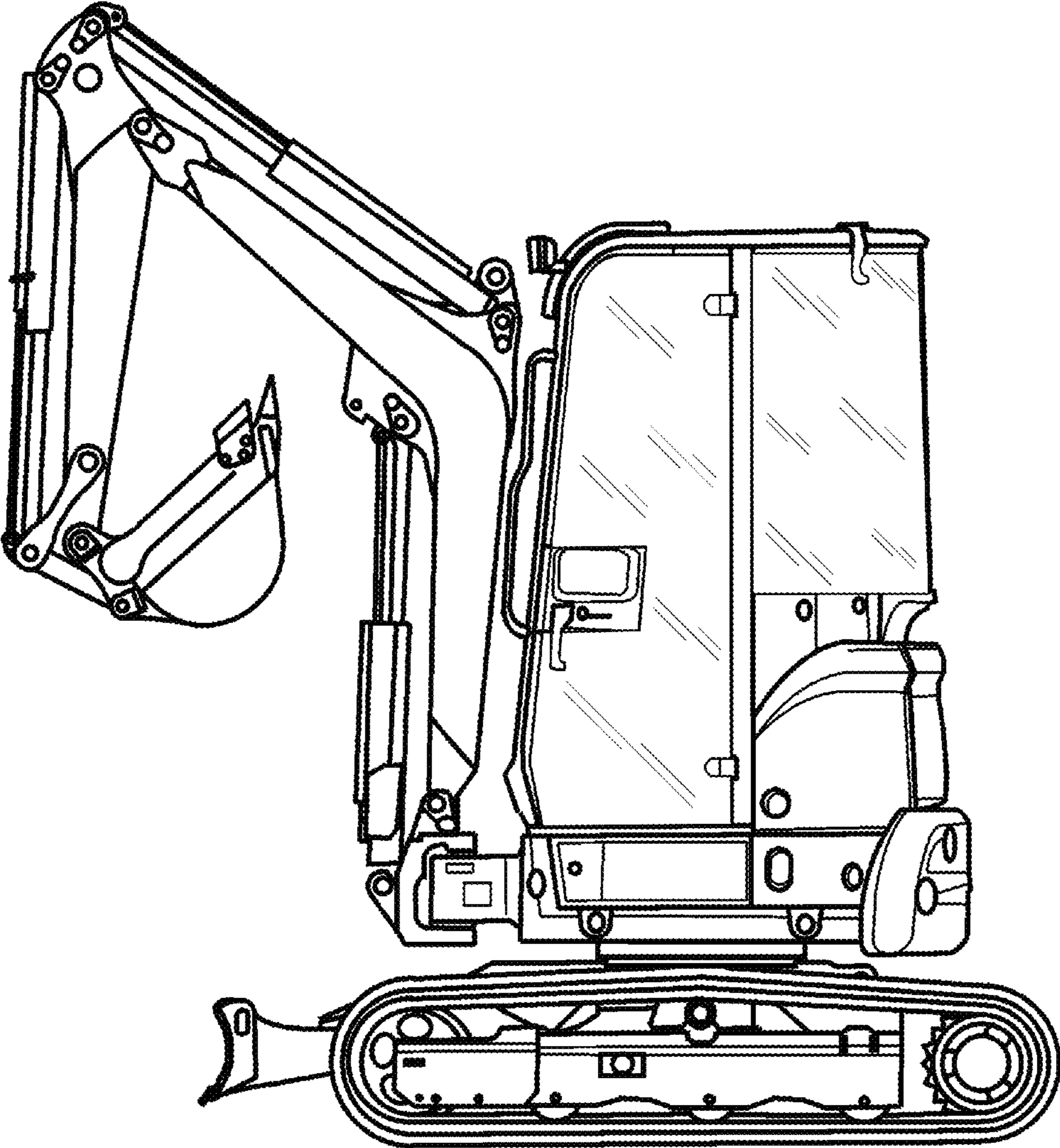


FIG. 12

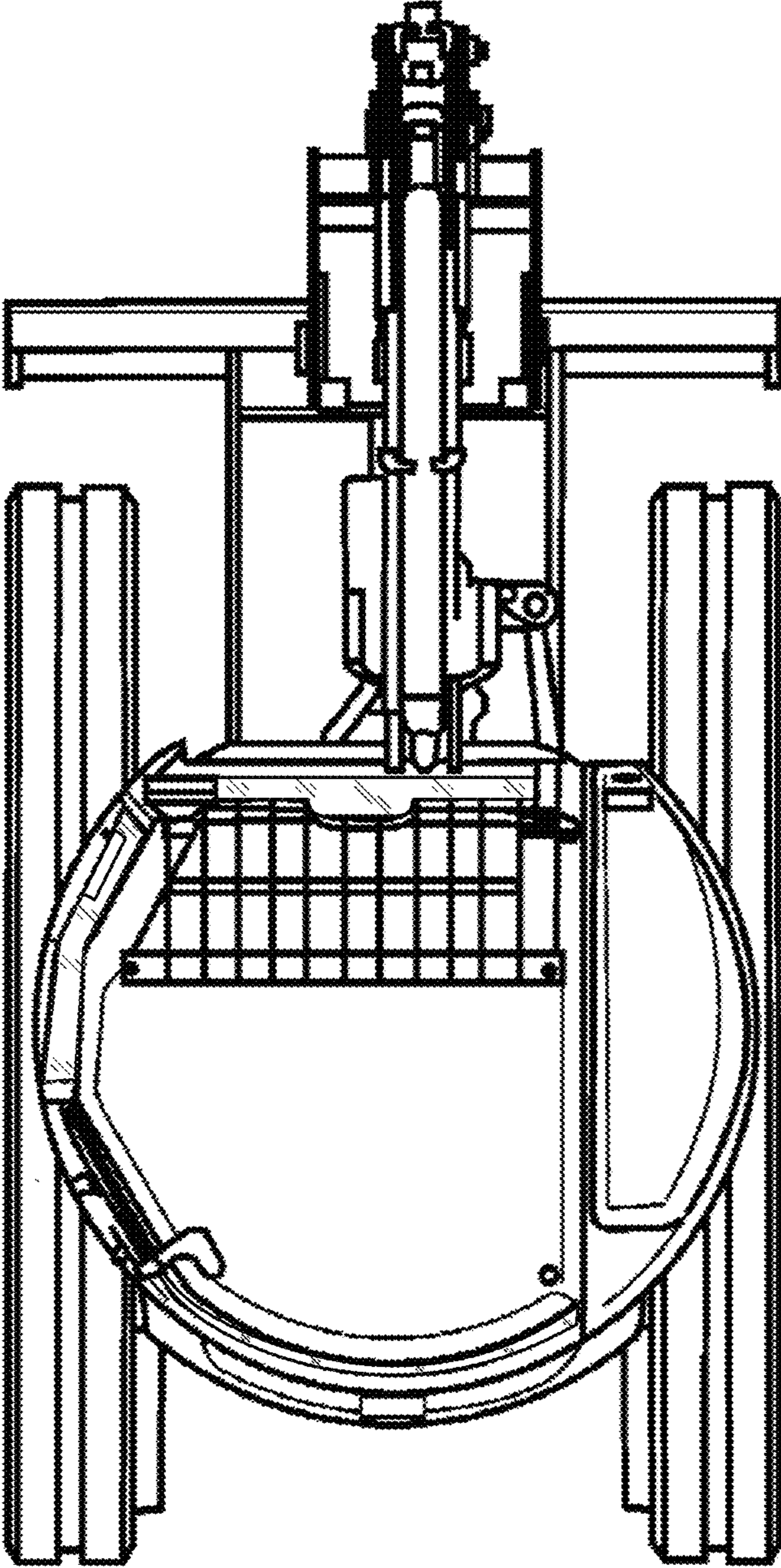


FIG. 13