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Price et al.

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- (54) **EXCAVATOR**
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- (51) **LOC (13) Cl.** **15-03**
- (52) **U.S. Cl.**
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- (58) **Field of Classification Search**
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37/379; 414/694, 699, 722-724, 660,
414/685, 698, 719, 743
CPC E02F 3/32; E02F 3/76; E02F 3/40; E02F
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3/425; E02F 3/437; E02F 3/627; E02F
3/964; E02F 9/163; E02F 9/0858; E02F
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9/0808; E02F 9/0833; E02F 9/2004; E02F
9/207; E02F 9/2091; E02F 9/2246; E02F
9/2292; E02F 9/0086; E02F 9/18; F01N
13/001; F01N 2590/08
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D474,481 S * 5/2003 Hara D15/25
- D511,531 S * 11/2005 Sewell D15/24
- D538,304 S * 3/2007 Uemura D15/25

- D590,847 S * 4/2009 Yonekura D15/25
- D607,905 S * 1/2010 Reisenauer D15/30
- D607,906 S * 1/2010 Reisenauer D15/33
- D681,066 S * 4/2013 Saito D15/24
- D681,689 S * 5/2013 Saito D15/24
- D682,887 S * 5/2013 Iwata D15/25
- D682,891 S * 5/2013 Kinoshita D15/25
- D684,600 S * 6/2013 Saito D15/24
- D687,865 S * 8/2013 Hatanaka D15/24
- D716,844 S * 11/2014 Hayami D15/25
- D750,672 S * 3/2016 Payne D15/25
- D752,112 S * 3/2016 Hagura D15/24
- D752,113 S * 3/2016 Hagura D15/24
- D752,651 S * 3/2016 Hagura D15/24
- D773,537 S * 12/2016 Fiser D15/30
- D797,160 S * 9/2017 Yeu D15/30
- D830,422 S * 10/2018 Colclough D15/24
- D830,423 S * 10/2018 Colclough D15/25
- D830,424 S * 10/2018 Colclough D15/25
- D830,425 S * 10/2018 Colclough D15/25
- D830,426 S * 10/2018 Colclough D15/25
- D842,344 S * 3/2019 Okuyama D15/23

(Continued)

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(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a top, front, and right-side isometric view of an excavator showing the new design.

FIG. 2 is a right-side elevation view of the excavator.

FIG. 3 is a front elevation view of the excavator.

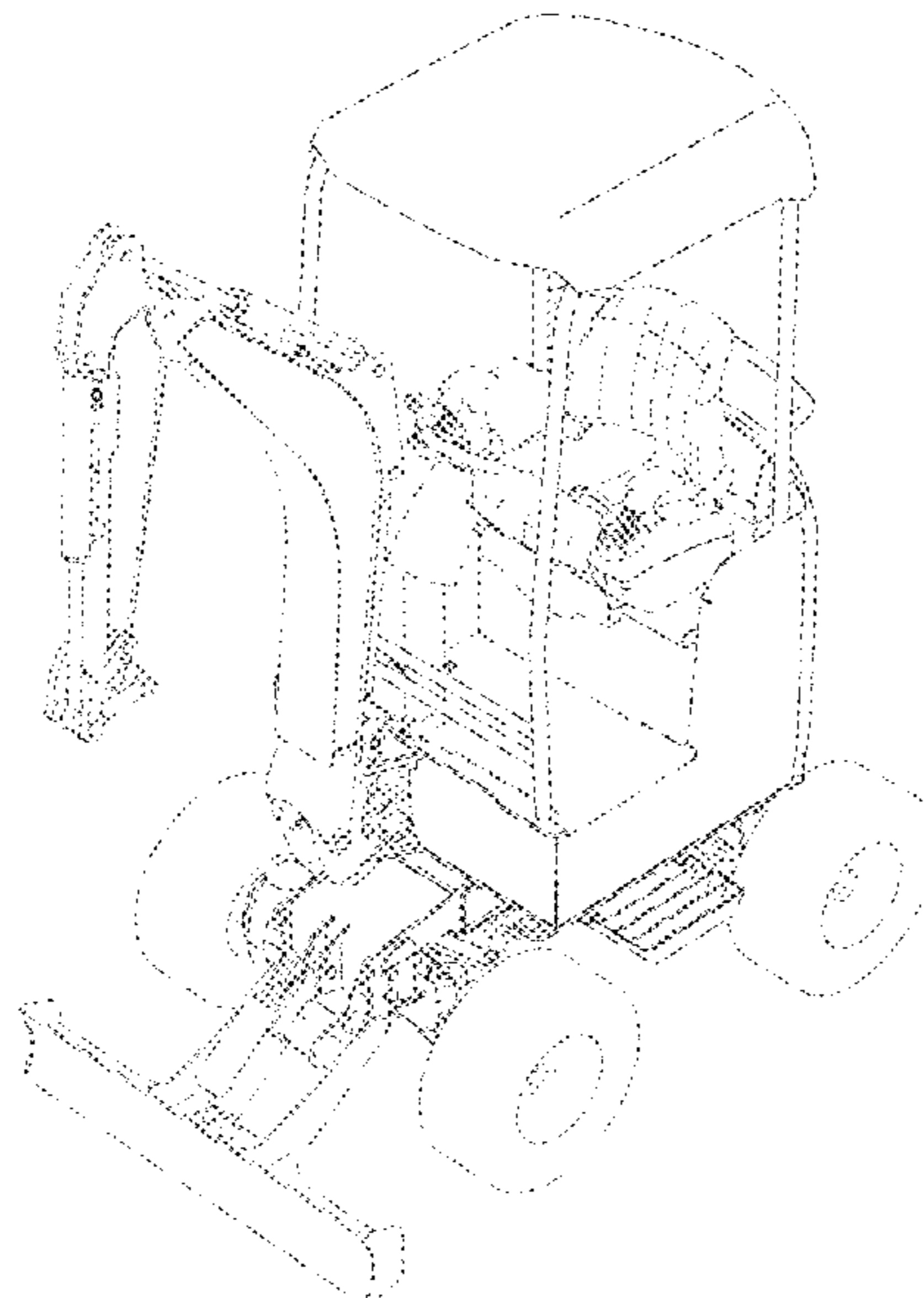
FIG. 4 is a left-side elevation view of the excavator.

FIG. 5 is a rear elevation view of the excavator; and,

FIG. 6 is a top plan view of the excavator.

The broken lines depict portions of the excavator that form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D851,133 S *	6/2019	Jilbert	D15/25
D851,134 S *	6/2019	Jilbert	D15/25
D851,135 S *	6/2019	Jilbert	D15/25
D852,852 S *	7/2019	Jilbert	D15/25
D855,082 S *	7/2019	Okuyama	D15/25

* cited by examiner

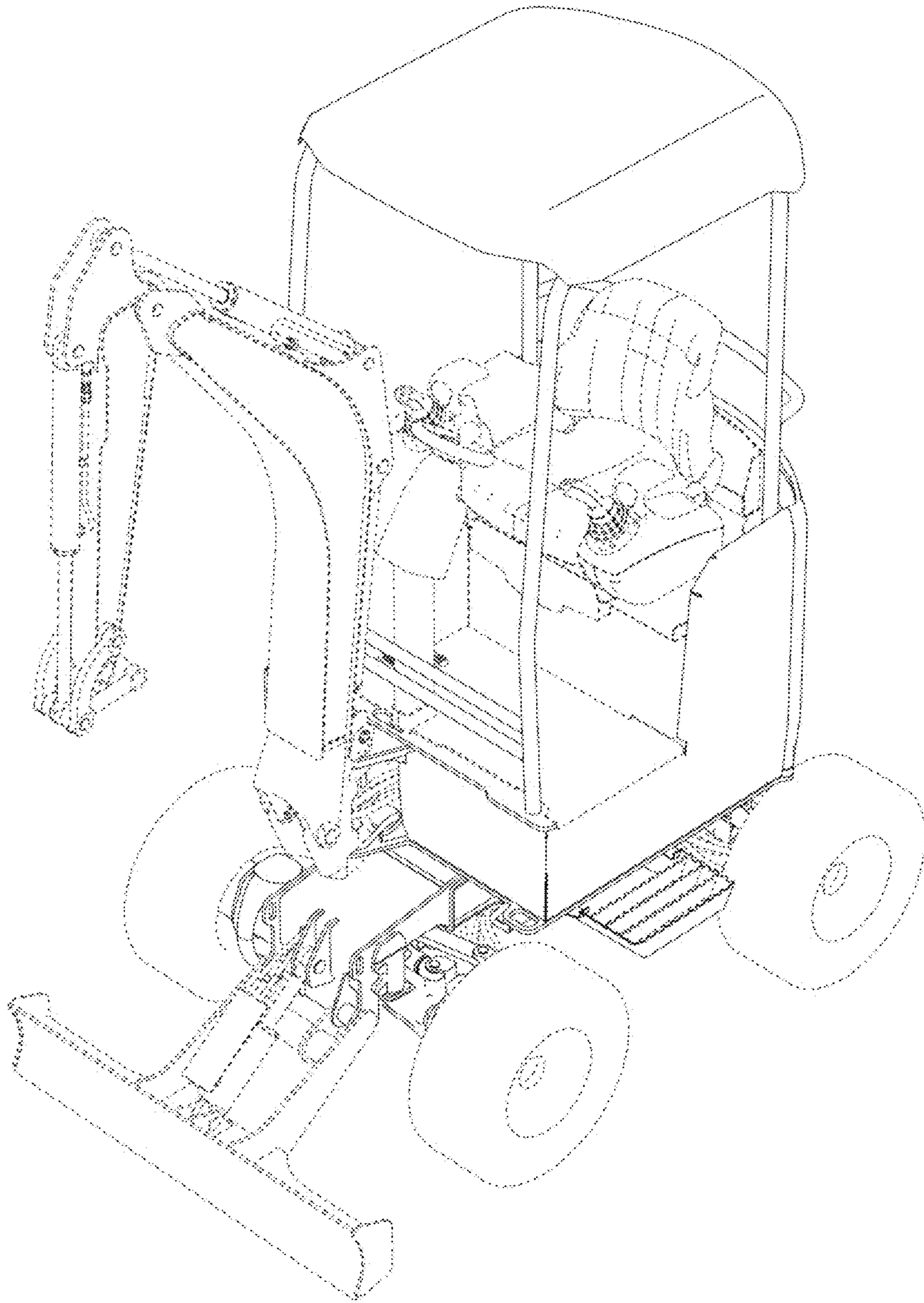


Fig. 1

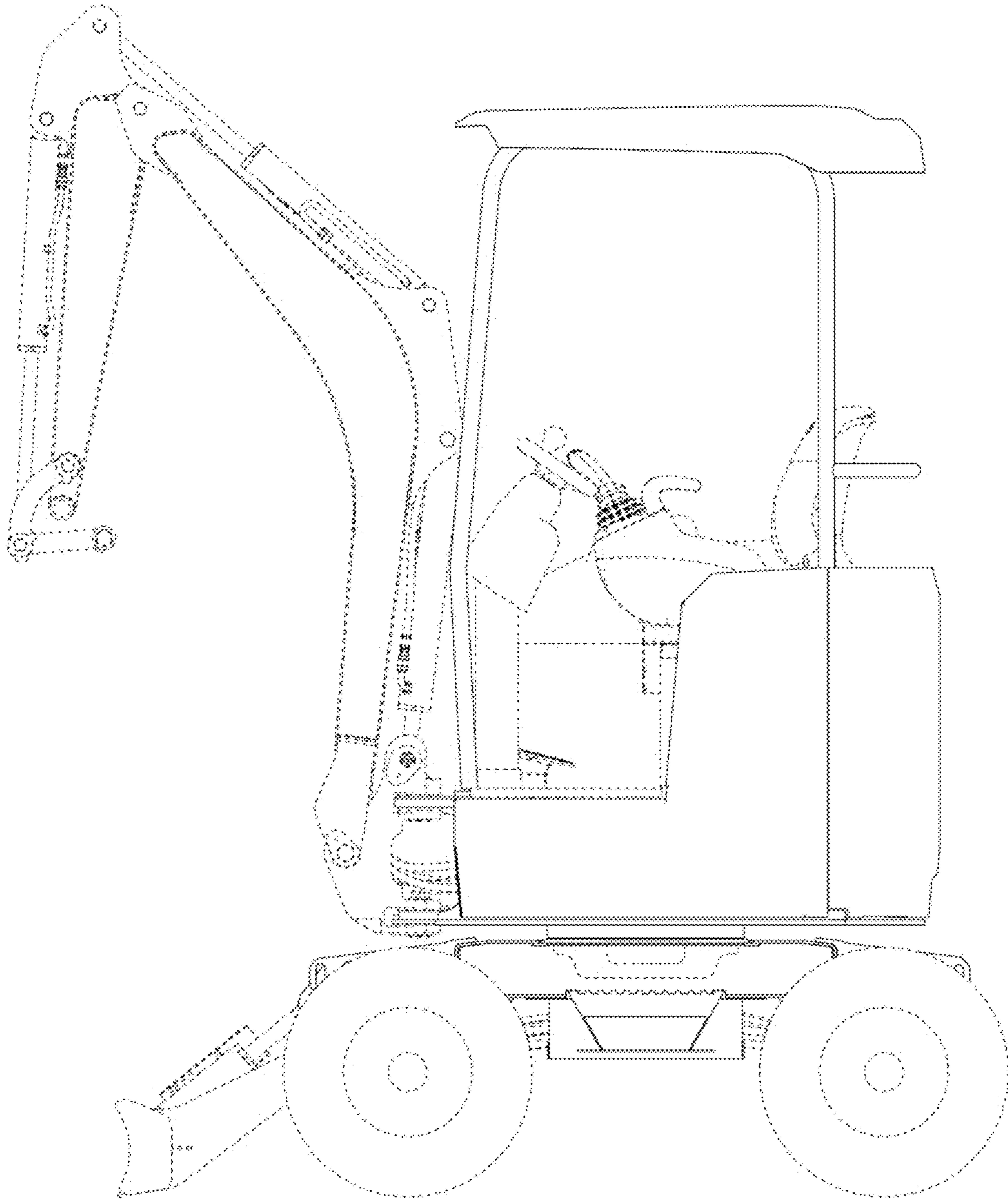


Fig. 2

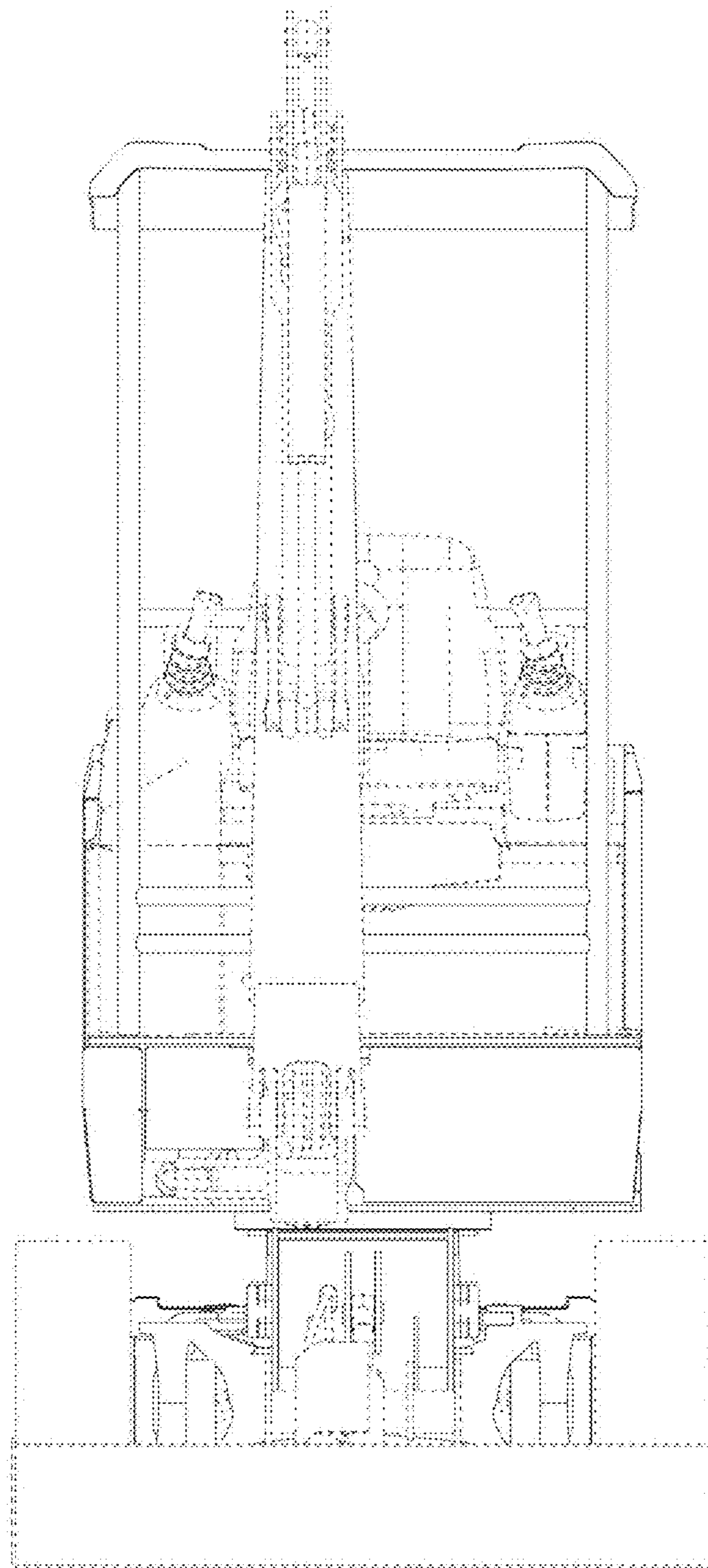


Fig. 3

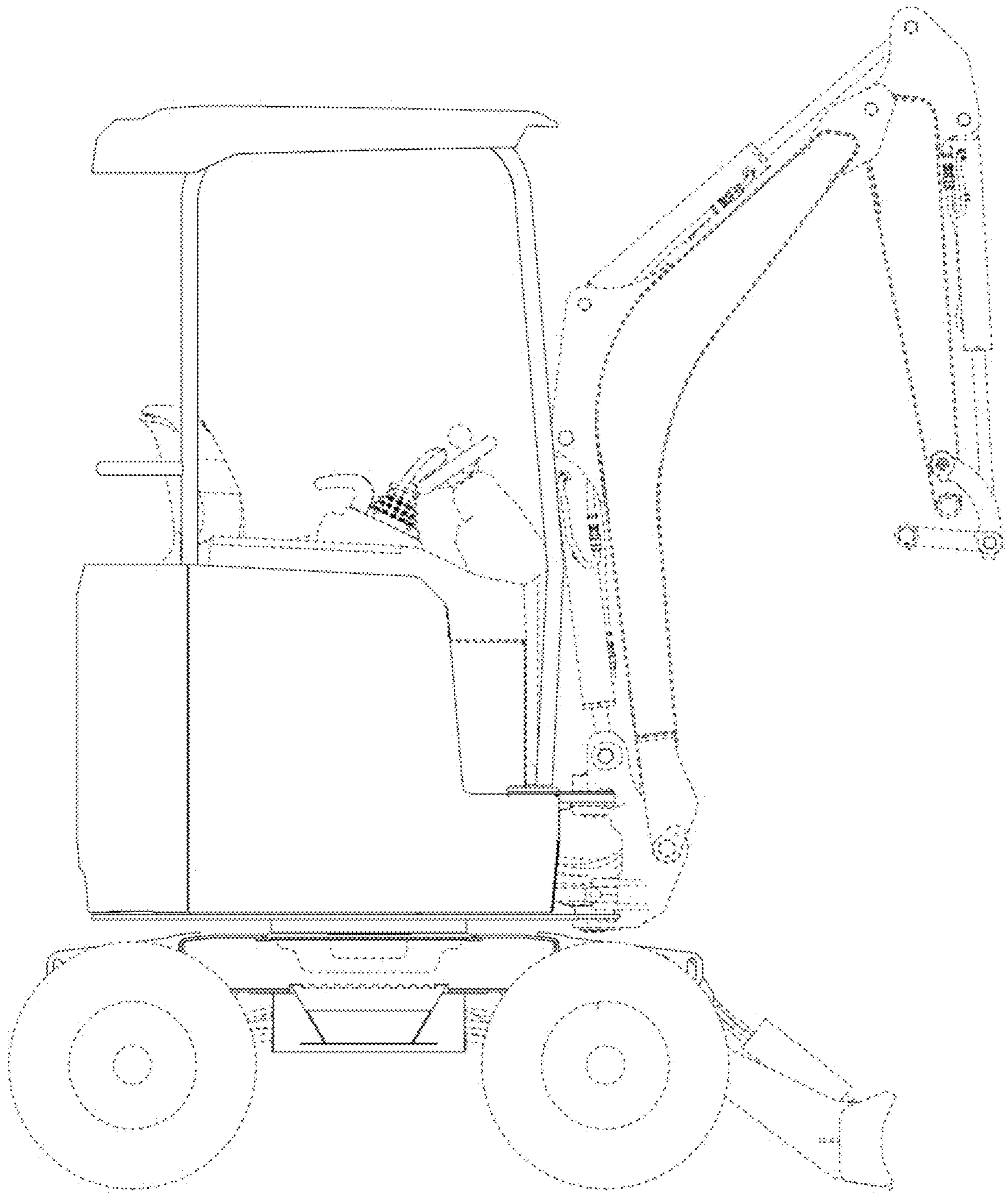


Fig. 4

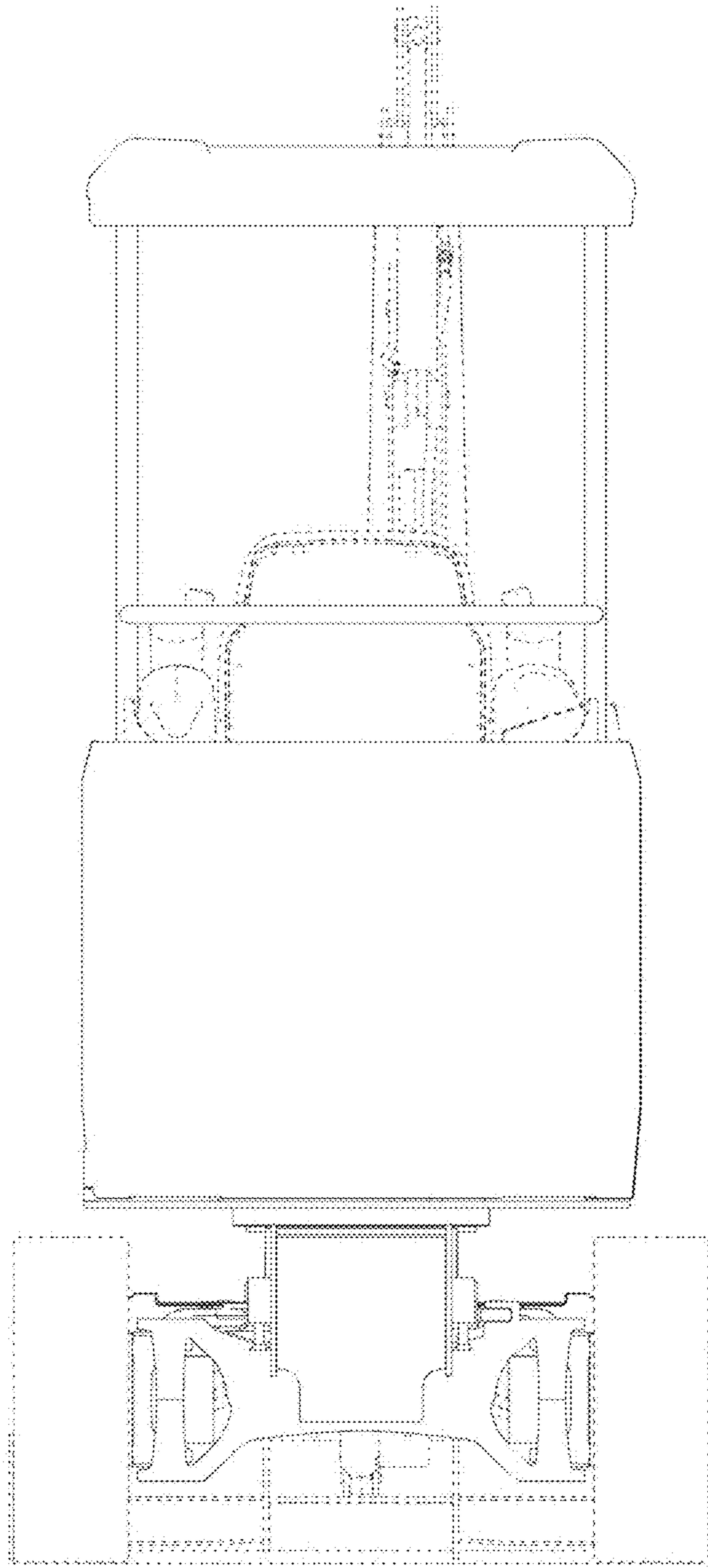


Fig. 5

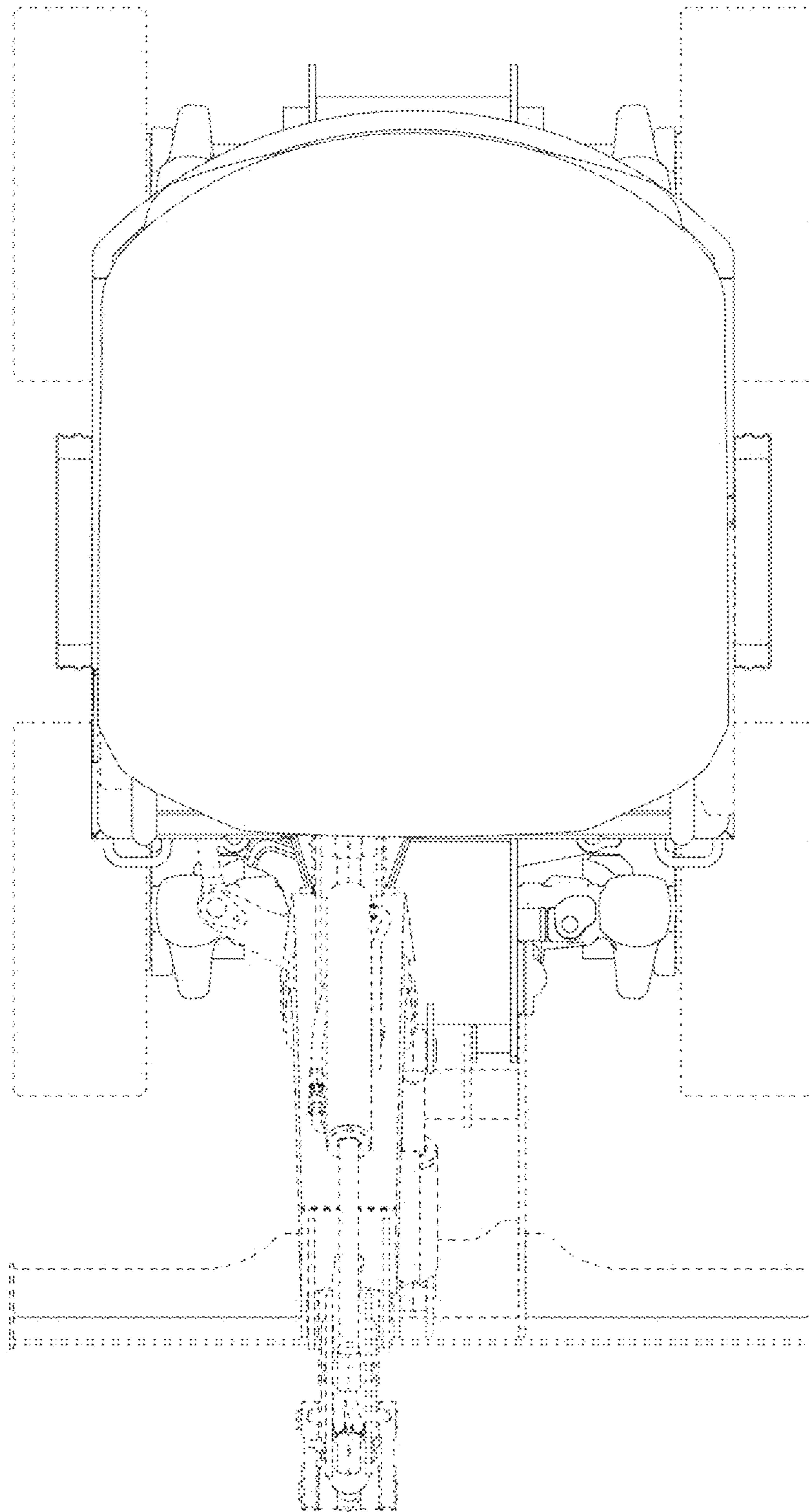


Fig. 6