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

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(54) **DOLLY FOR REPLACING REACTOR TUBES**

(71) Applicant: **KOKUSAI ELECTRIC CORPORATION**, Tokyo (JP)

(72) Inventors: **Tadayoshi Karasawa**, Toyama (JP);  
**Takao Kasamatsu**, Toyama (JP)

(73) Assignee: **KOKUSAI ELECTRIC CORPORATION**, Tokyo (JP)

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

(21) Appl. No.: **29/670,532**

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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** ..... **12-05**

(52) **U.S. Cl.**  
USPC ..... **D34/28**

(58) **Field of Classification Search**  
USPC ..... D34/12, 17, 20–24, 26, 28, 33, 36  
CPC ..... B66F 9/22; B66F 17/003; B60L 2200/42  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D416,369 S \* 11/1999 Johansson ..... D34/28  
D578,724 S \* 10/2008 Mulka ..... D34/21

D585,622 S \* 1/2009 Allsop ..... D34/24  
D613,022 S \* 3/2010 Laursen ..... D34/23  
D616,620 S \* 5/2010 Carroll ..... D34/24  
D640,029 S \* 6/2011 Barnes ..... D34/18

**FOREIGN PATENT DOCUMENTS**

JP 1245457 S 7/2005  
JP 1286070 S 11/2006

\* cited by examiner

*Primary Examiner* — Gino Colan

(74) *Attorney, Agent, or Firm* — Fitch, Even, Tabin & Flannery, L.L.P.

(57) **CLAIM**

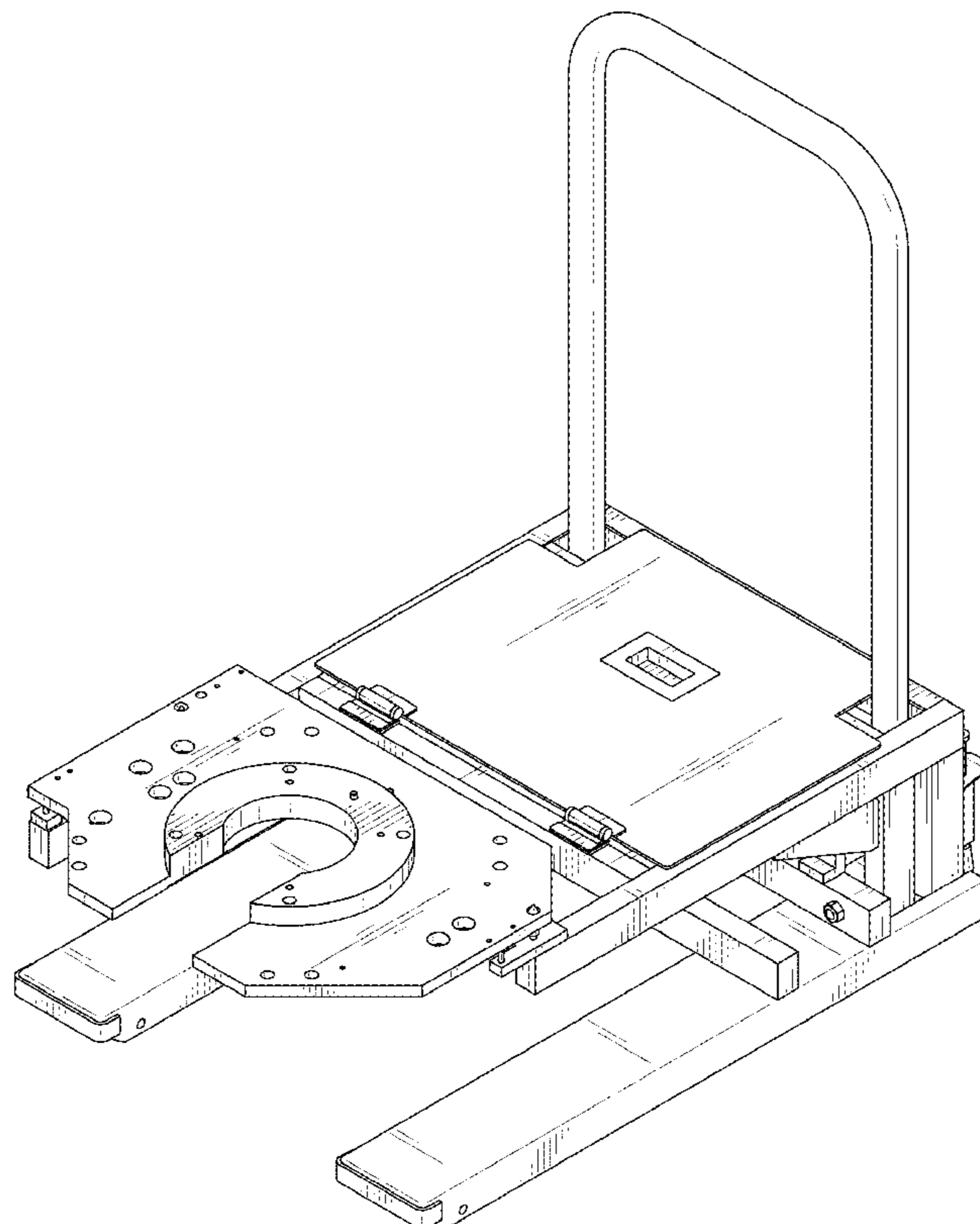
We claim the ornamental design for a dolly for replacing reactor tubes, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, top and right side perspective view of a dolly for replacing reactor tubes showing our new design; FIG. 2 is a front elevational view thereof; FIG. 3 is a top plan view thereof; FIG. 4 is a right side elevational view thereof; FIG. 5 is a left side elevational view thereof; FIG. 6 is a rear elevational view thereof; and, FIG. 7 is a bottom plan view.

The broken lines are included for the purpose of illustrating portions of the article that form no part of the claimed design.

**1 Claim, 7 Drawing Sheets**



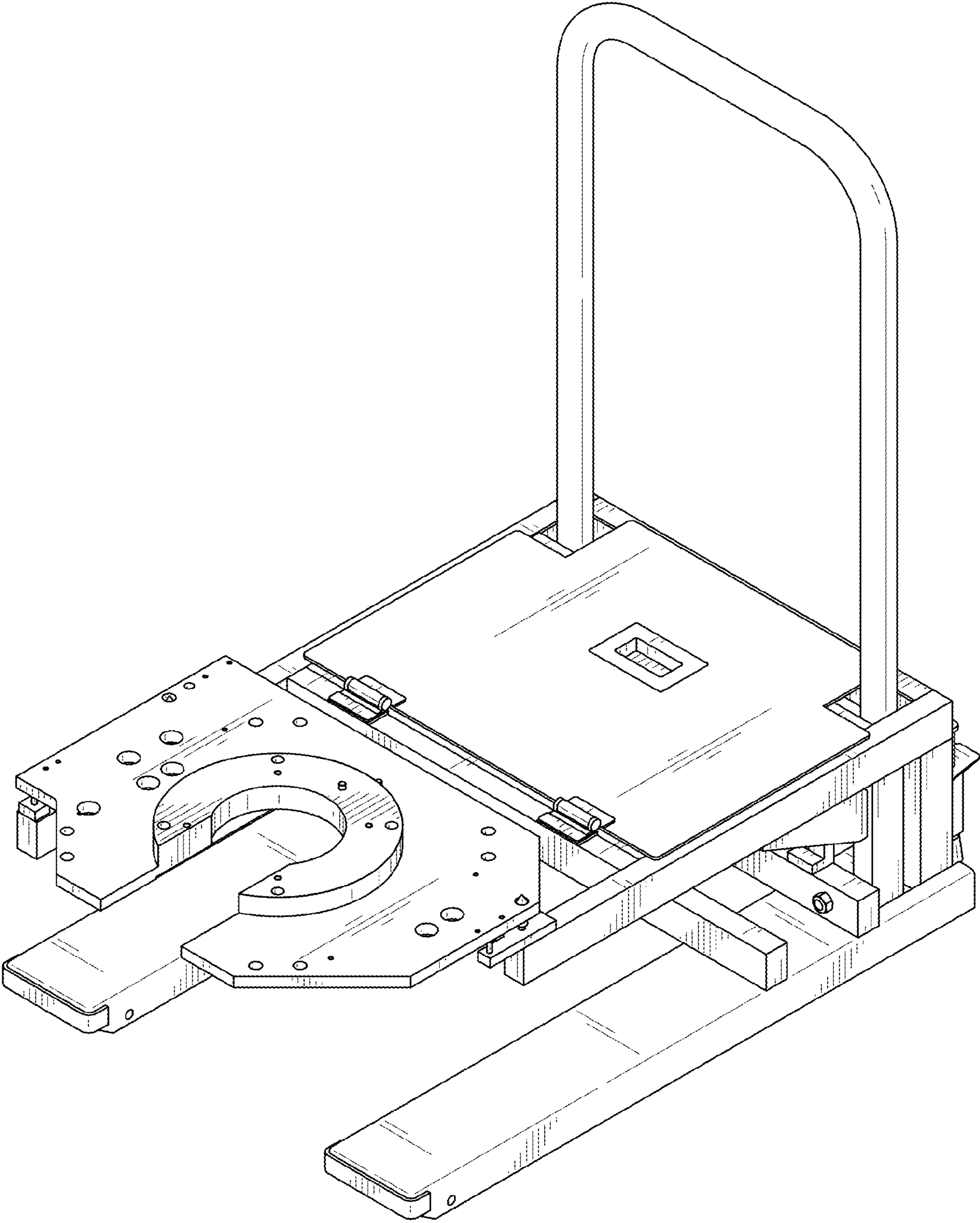


FIG. 1

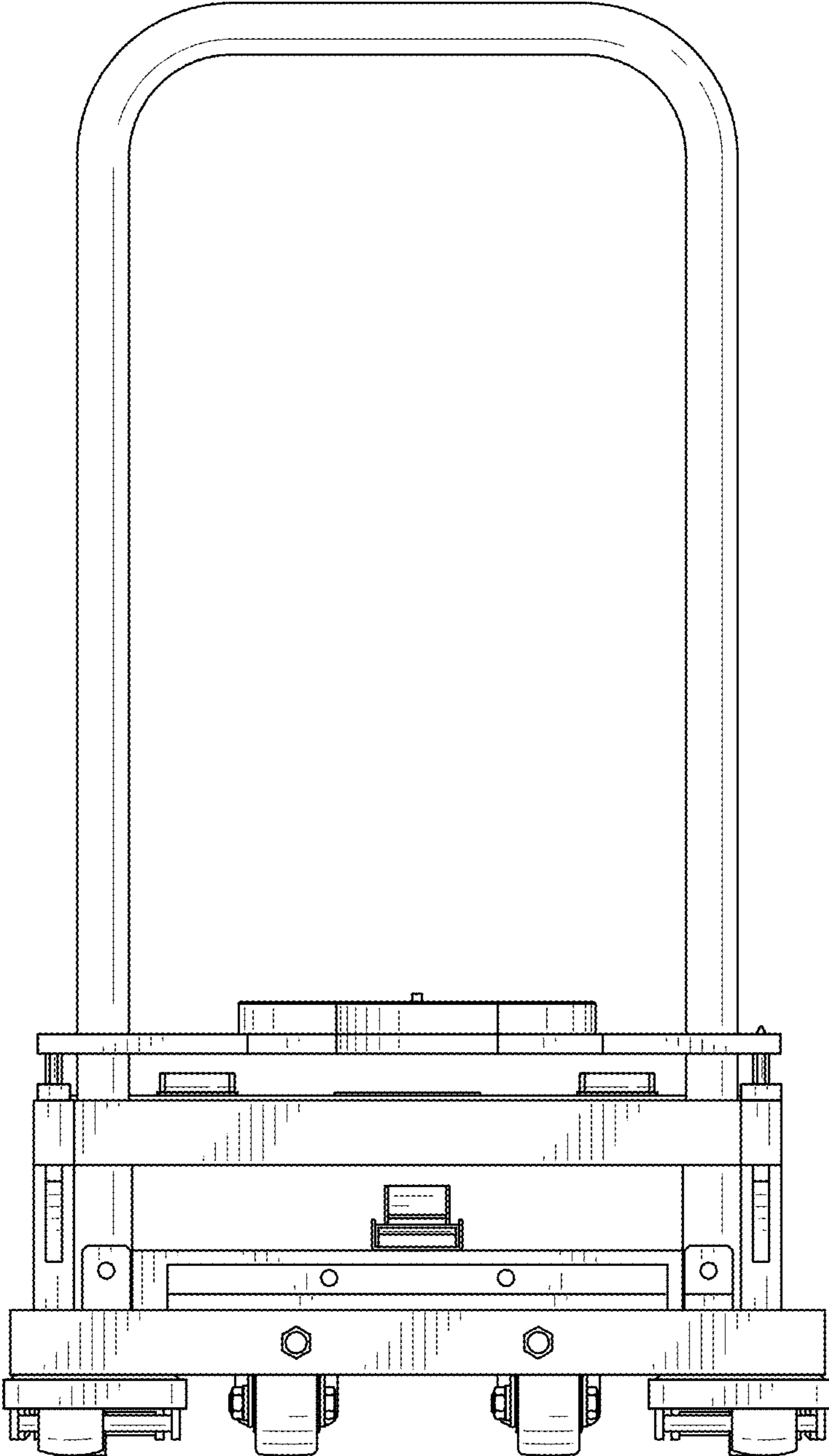


FIG. 2

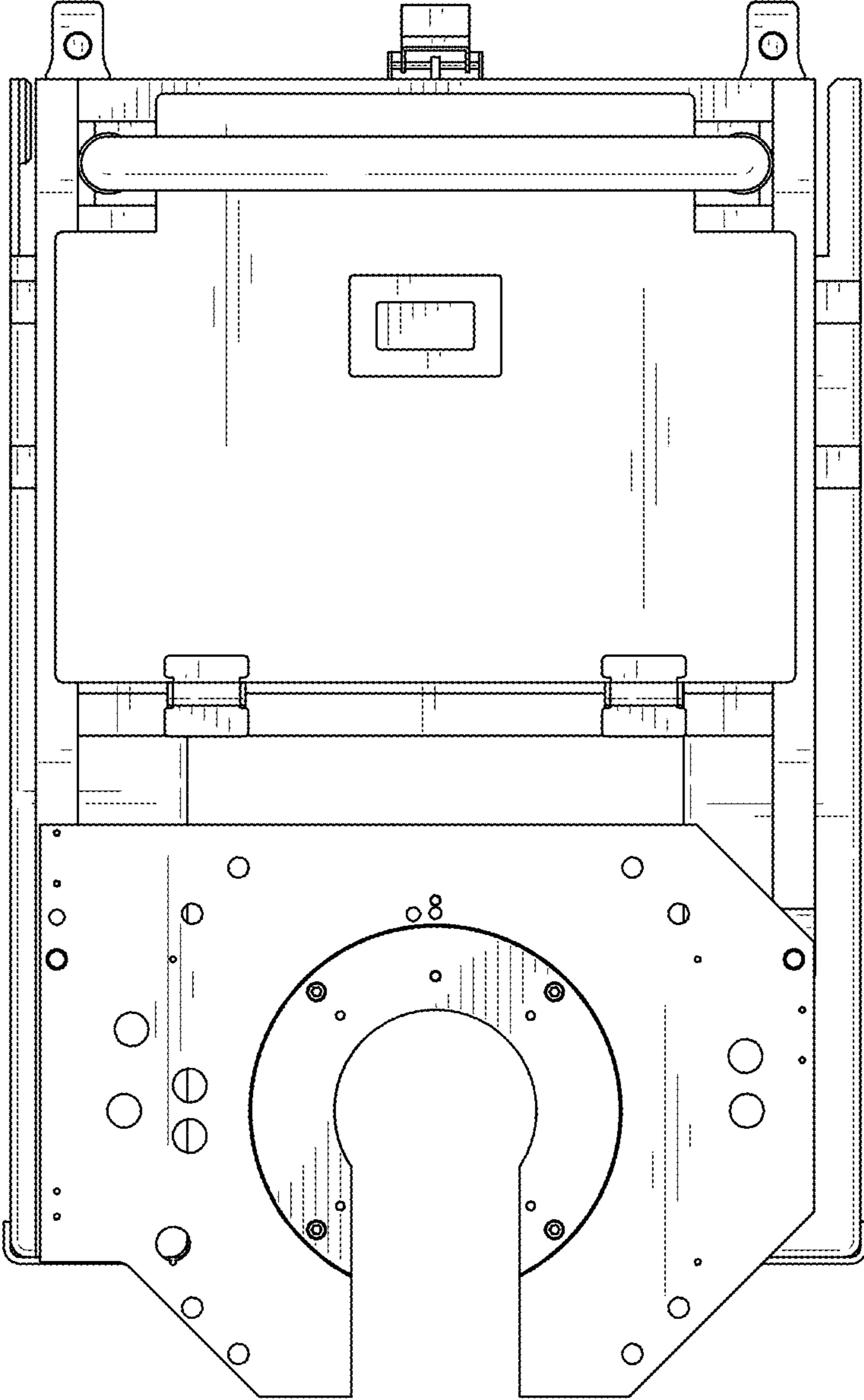


FIG. 3

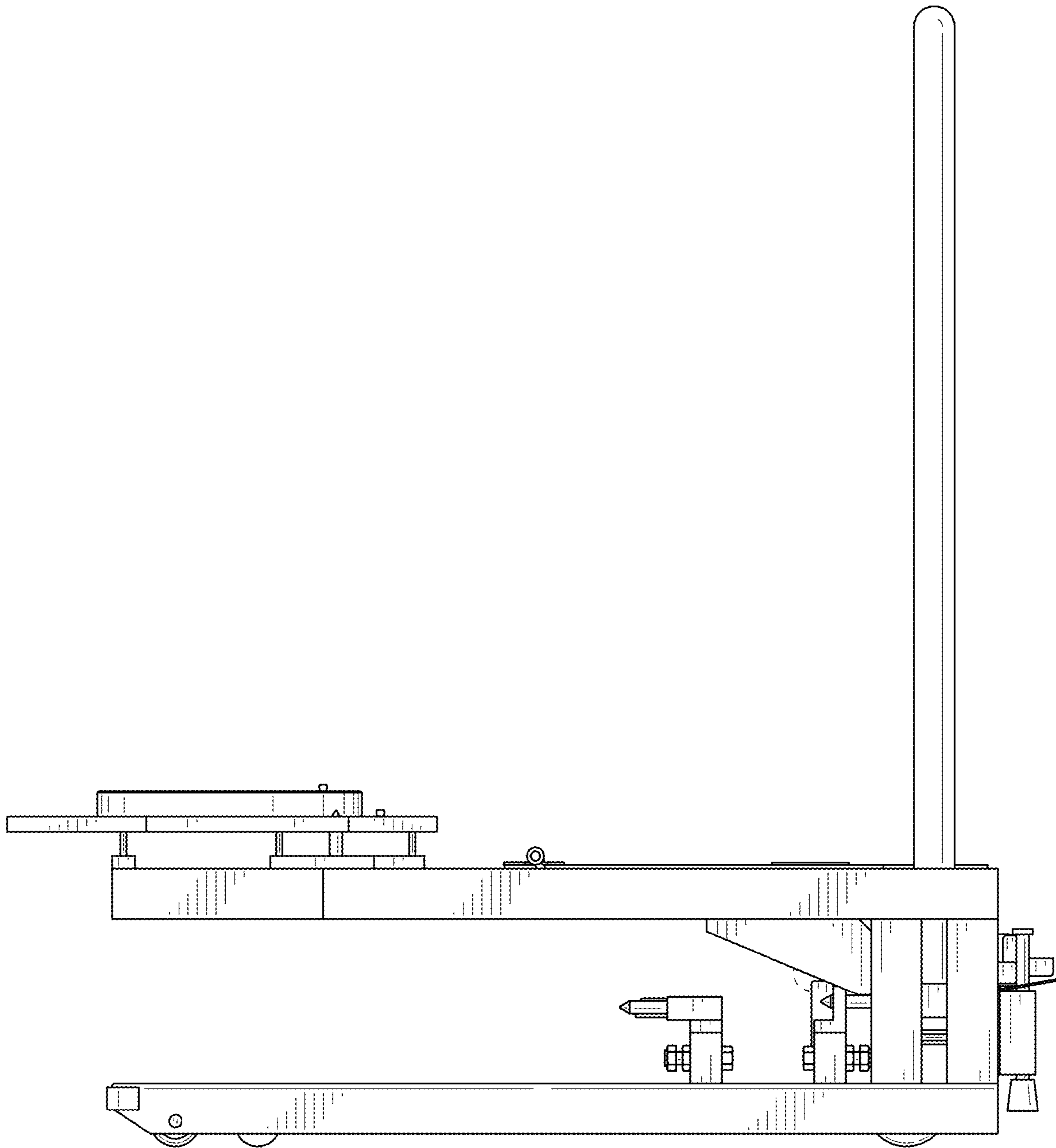


FIG. 4

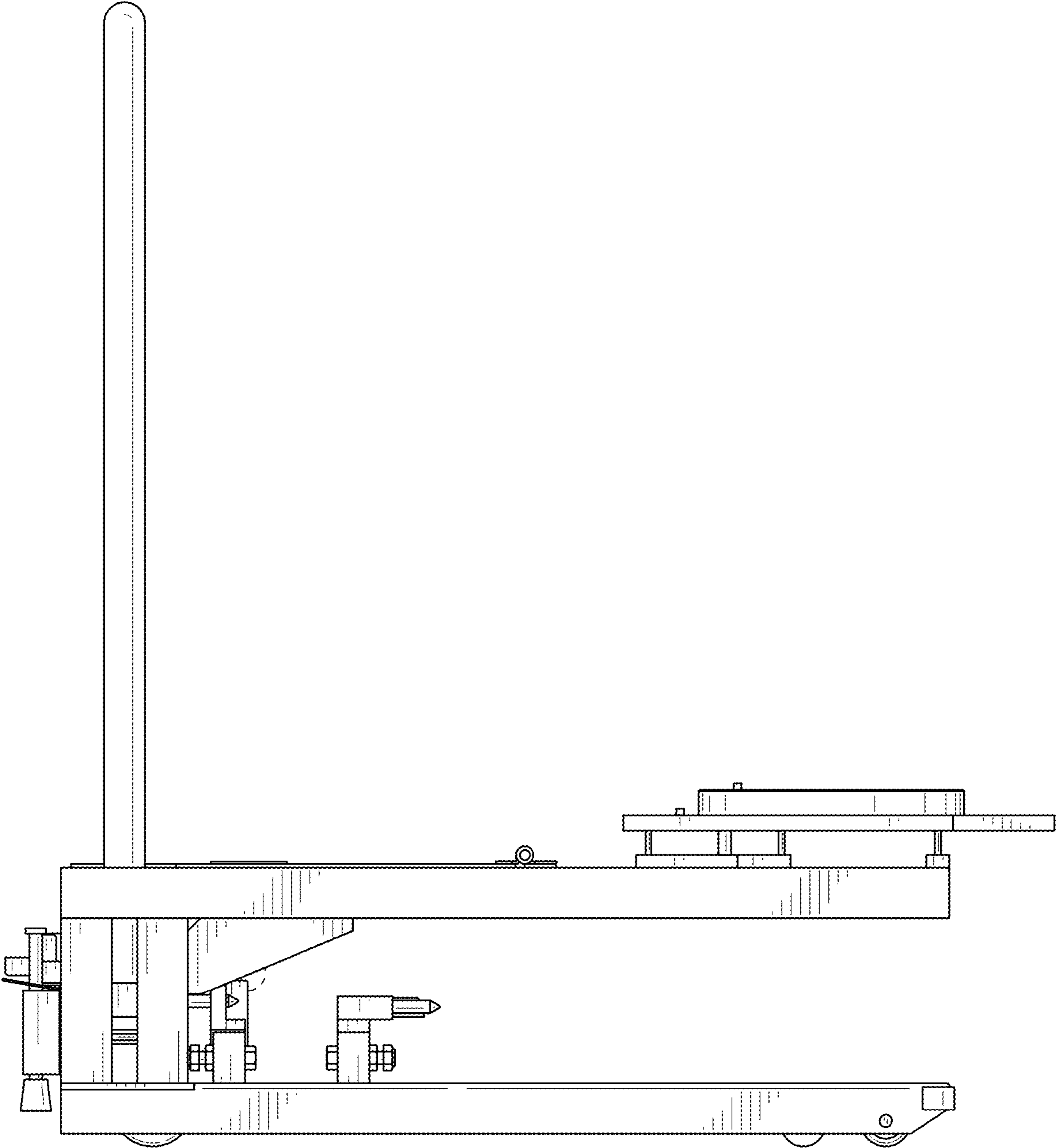


FIG. 5

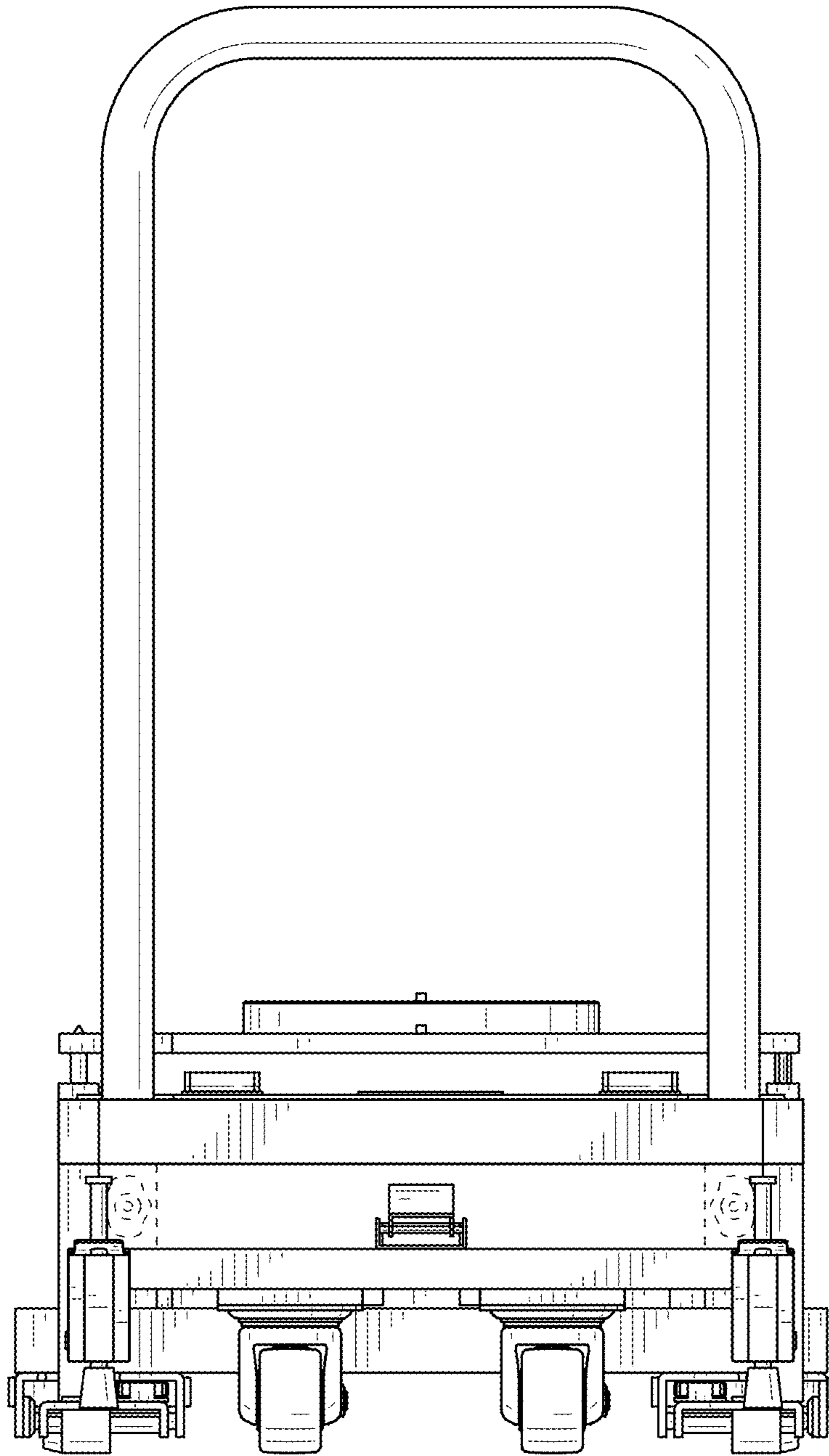


FIG. 6

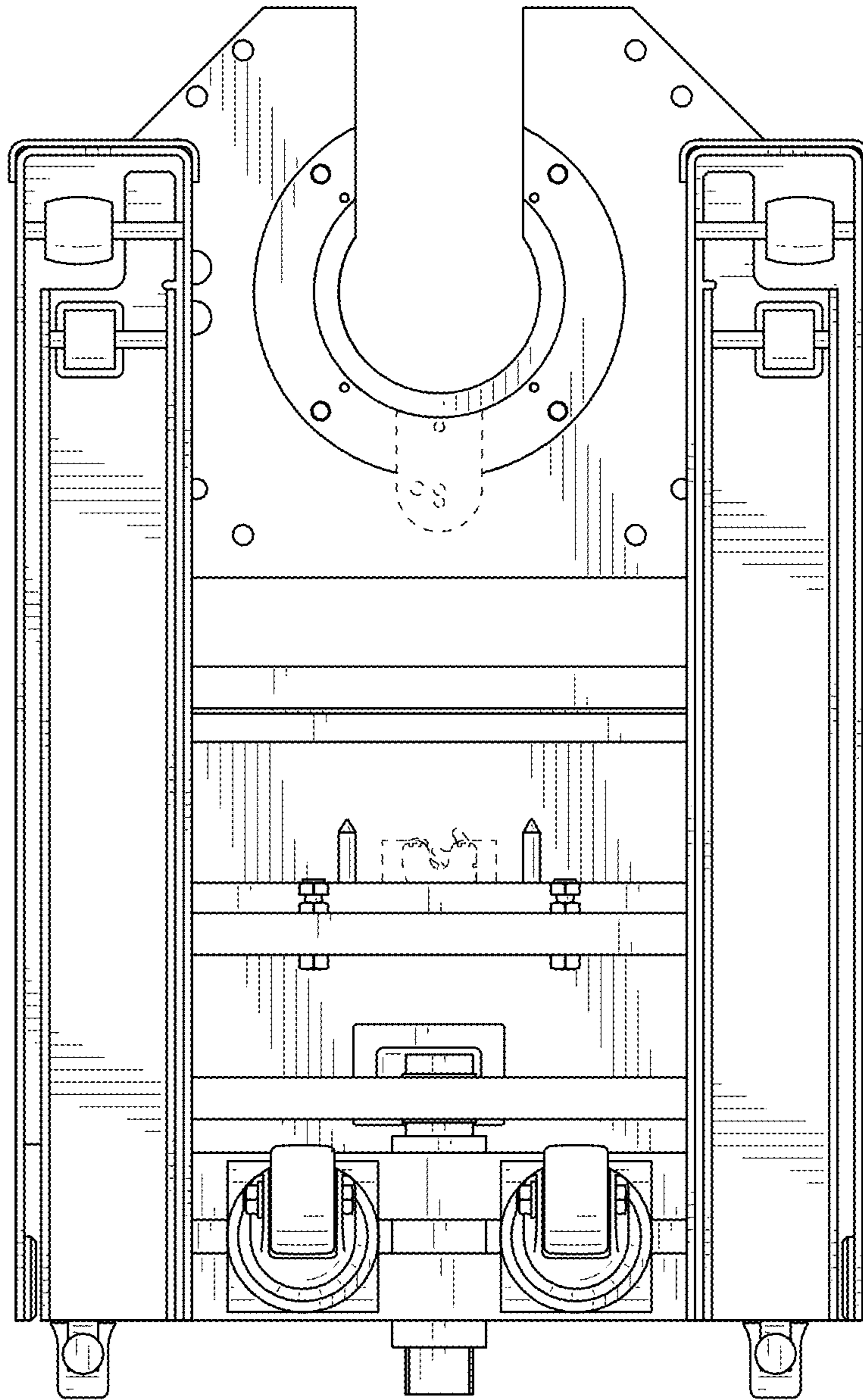


FIG. 7