



US00D705096S

(12) **United States Design Patent**  
**Matsuguma**

(10) **Patent No.:** **US D705,096 S**  
(45) **Date of Patent:** **\*\* May 20, 2014**

(54) **CONSTANT TEMPERATURE CHAMBER**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **ESPEC Corp.**, Osaka (JP)  
(72) Inventor: **Osamu Matsuguma**, Osaka (JP)  
(73) Assignee: **ESPEC Corp.**, Osaka (JP)  
(\*\*) Term: **14 Years**

JP 2000-146821 A 5/2000  
KR 30-0510210 S 10/2008

\* cited by examiner

*Primary Examiner* — Antoine D Davis

(74) *Attorney, Agent, or Firm* — Birch, Stewart, Kolasch & Birch, LLP

(21) Appl. No.: **29/455,290**  
(22) Filed: **May 20, 2013**

(57) **CLAIM**

The ornamental design for a constant temperature chamber, as shown and described.

(30) **Foreign Application Priority Data**

Nov. 21, 2012 (JP) ..... 2012-028529

(51) **LOC (10) Cl.** ..... **10-04**

(52) **U.S. Cl.**  
USPC ..... **D10/52; D10/60**

(58) **Field of Classification Search**  
USPC ..... D10/52, 60; D24/232; 126/21 A;  
165/47, 104.34; 324/750.13, 762.01  
See application file for complete search history.

**DESCRIPTION**

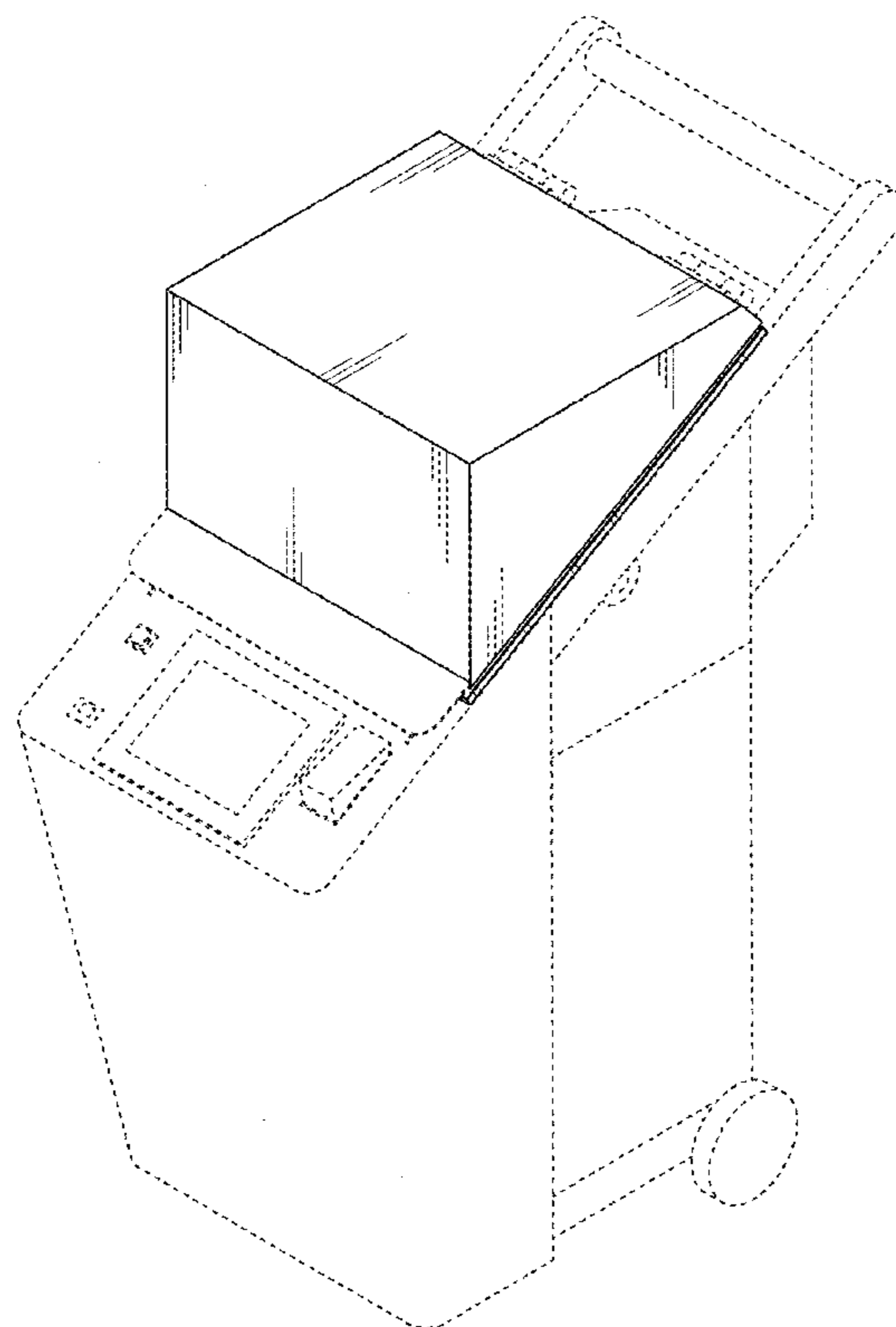
FIG. 1 is a perspective view of a constant temperature chamber;  
FIG. 2 is a front view thereof;  
FIG. 3 is a rear view thereof;  
FIG. 4 is a left side view thereof;  
FIG. 5 is a right side view thereof;  
FIG. 6 is a top view thereof; and,  
FIG. 7 is a cross-sectional view thereof taken along line 7-7 in FIG. 2 wherein the internal mechanism is omitted.  
The portion shown by broken lines is for illustrative purposes only and forms no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,859,540 A \* 1/1999 Fukumoto ..... 324/750.13  
2011/0247782 A1 \* 10/2011 Chou et al. .... 165/47

**1 Claim, 7 Drawing Sheets**



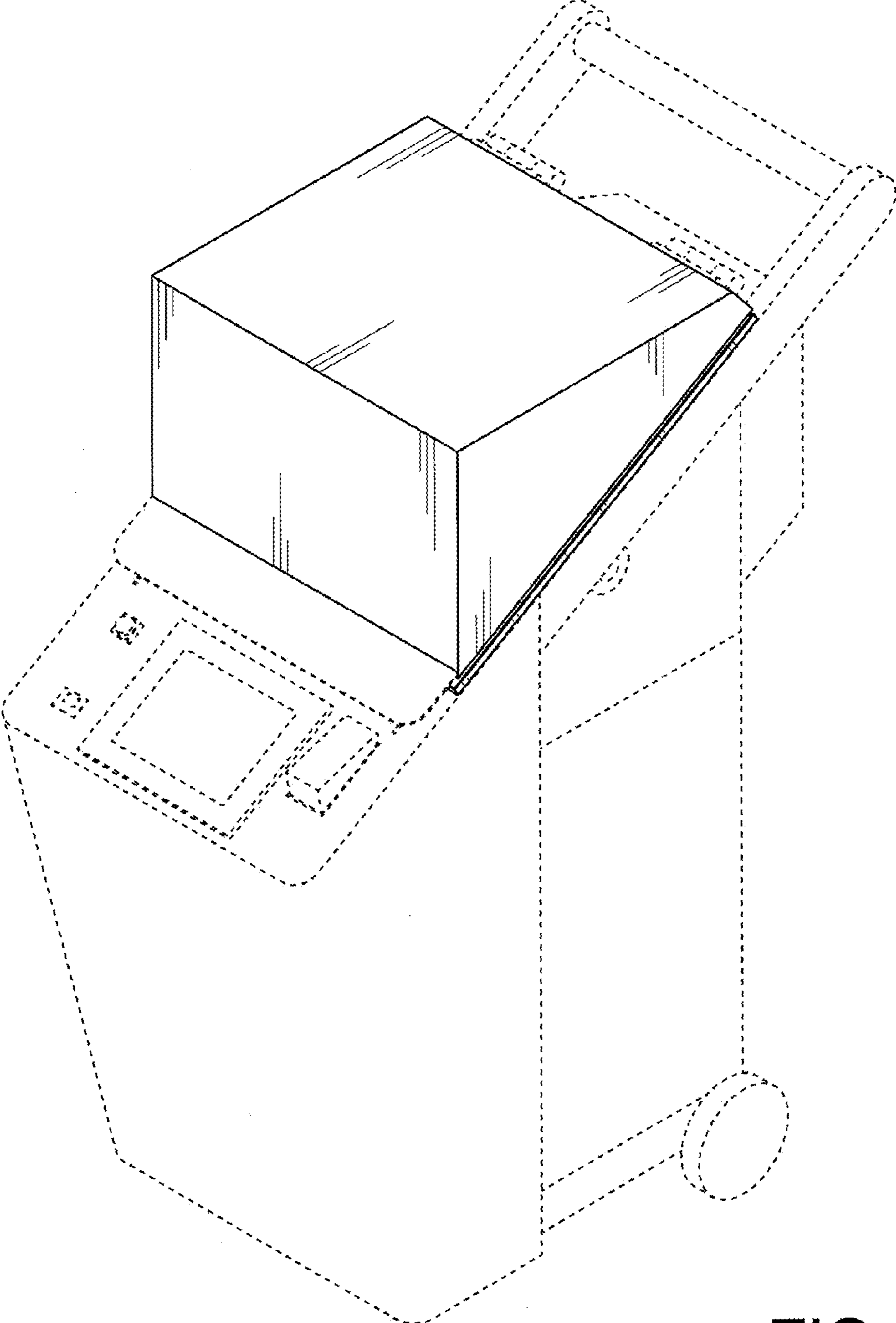


FIG. 1

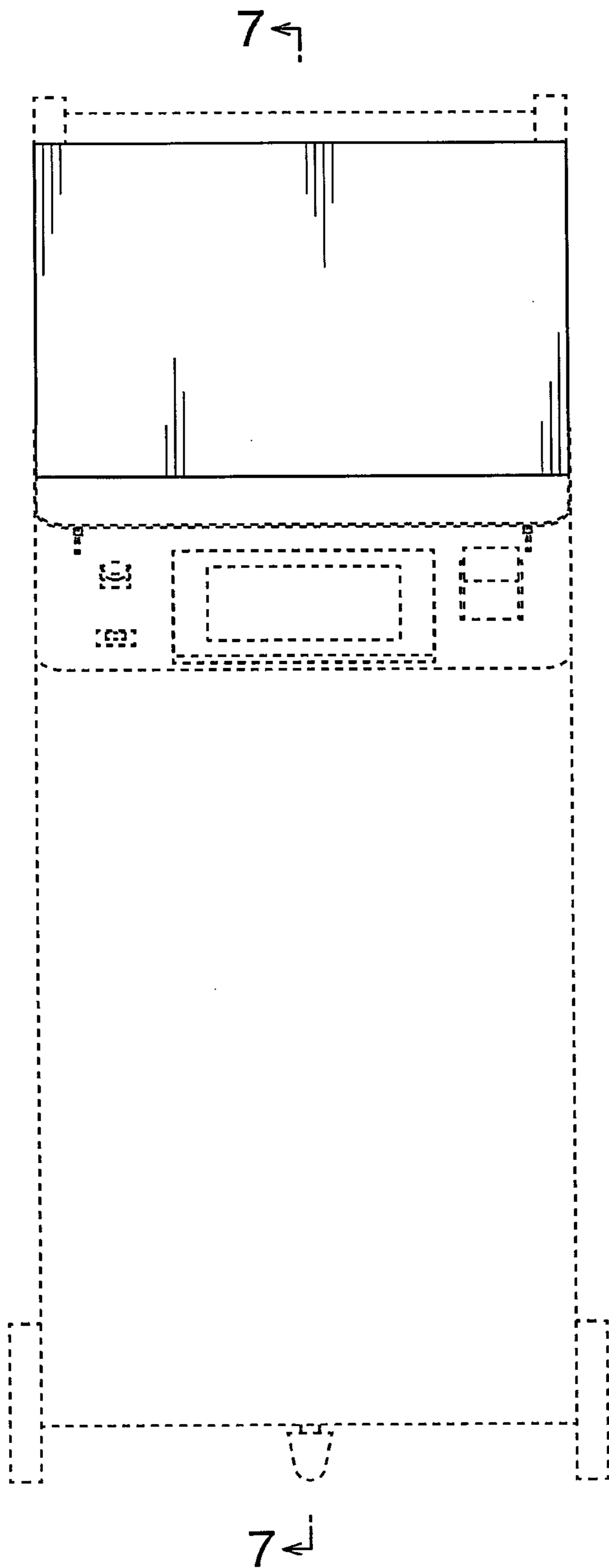


FIG.2

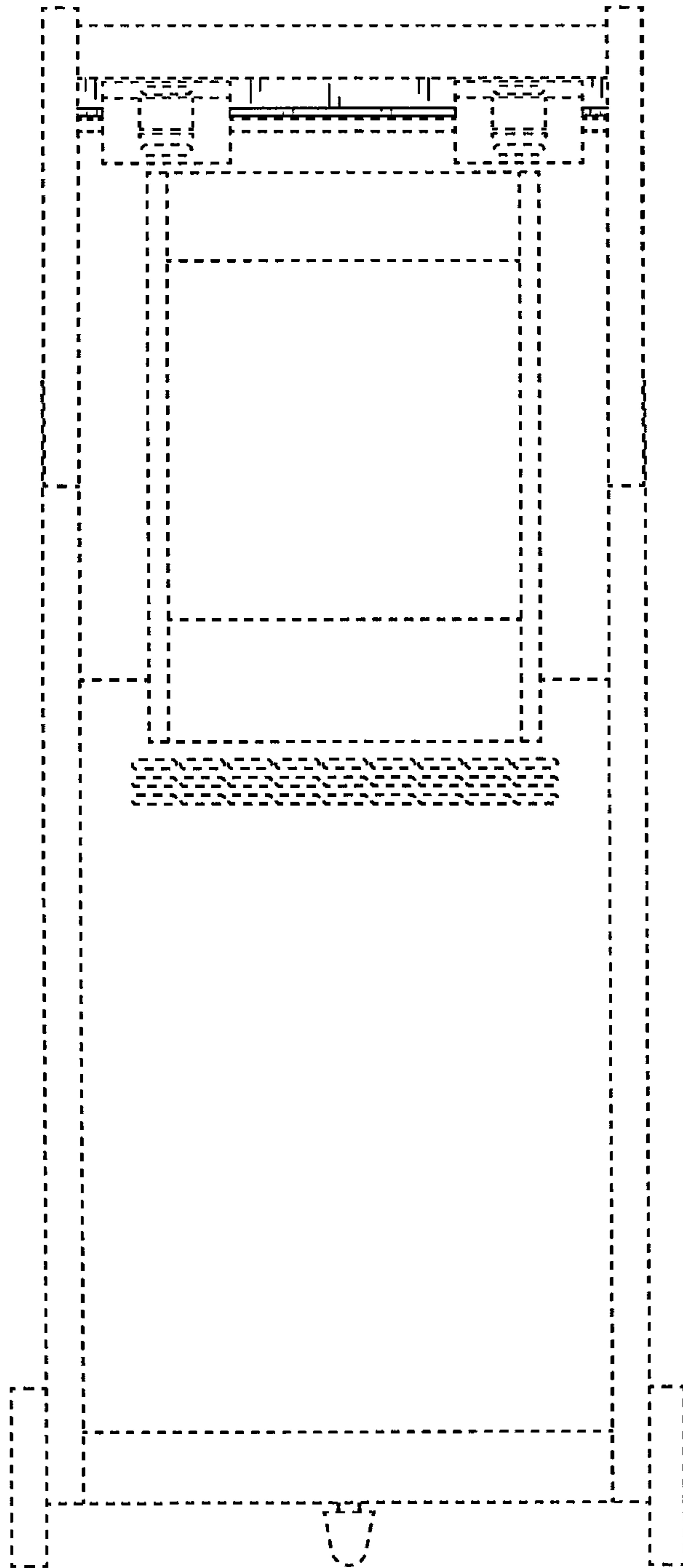


FIG.3

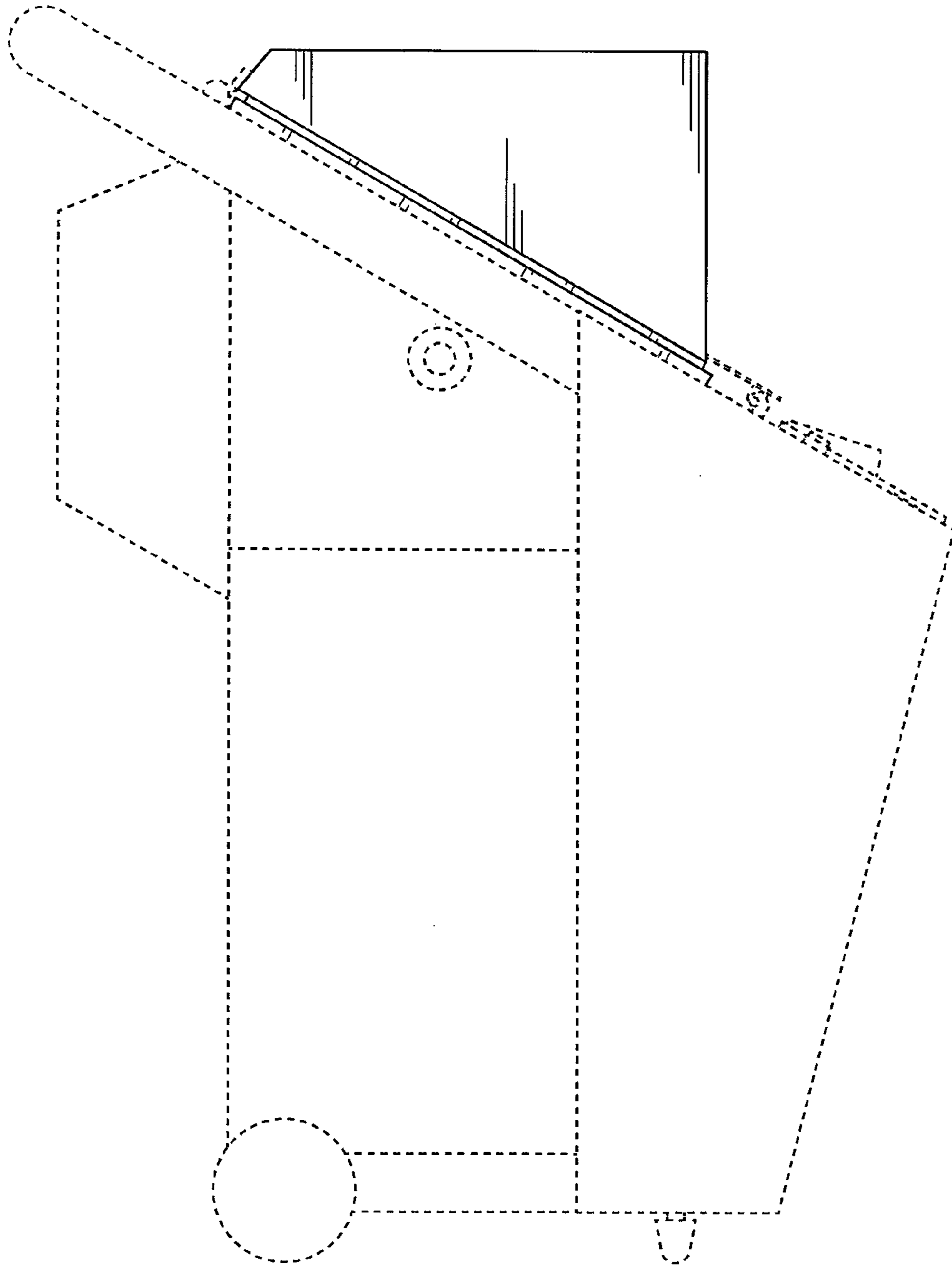


FIG.4

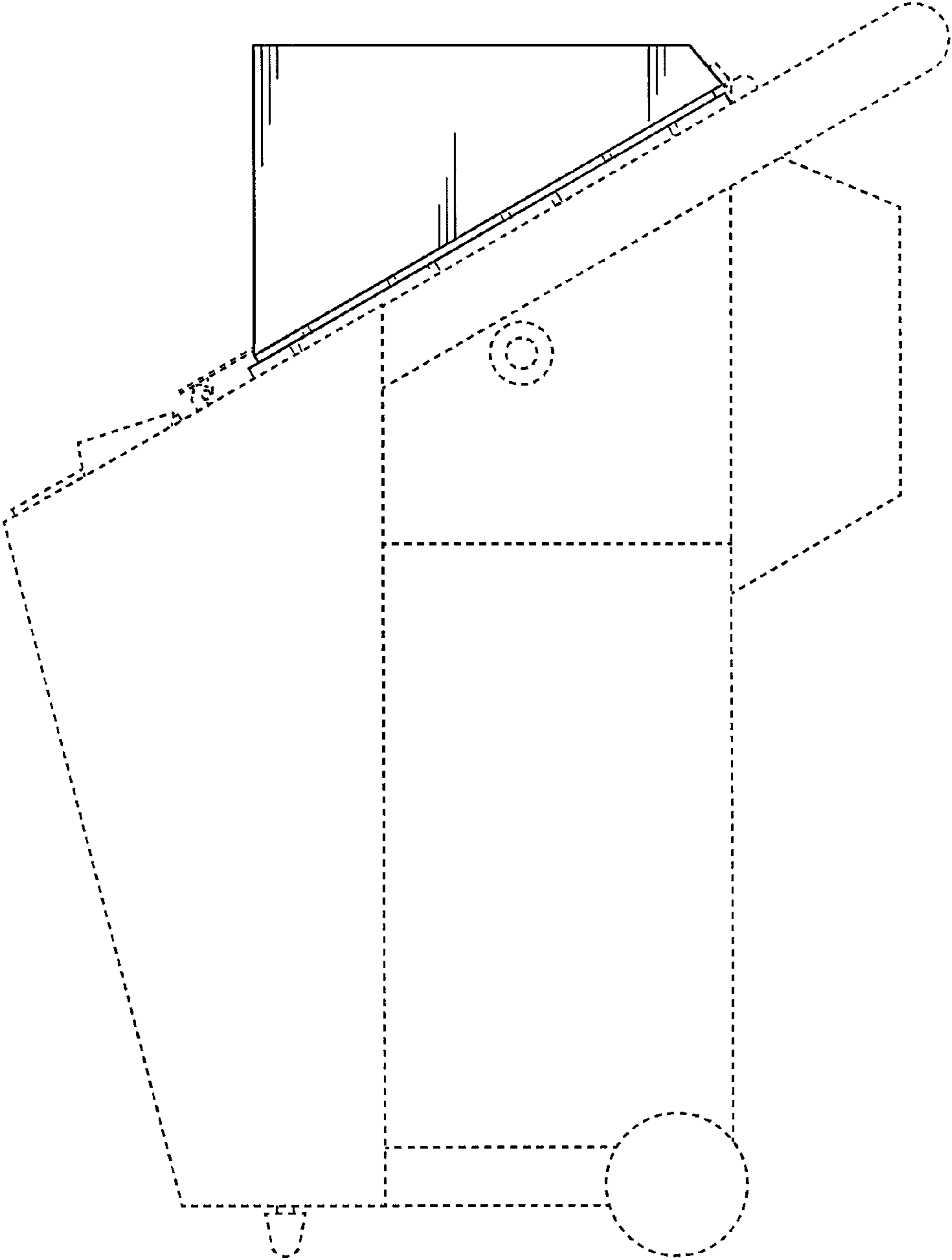


FIG.5

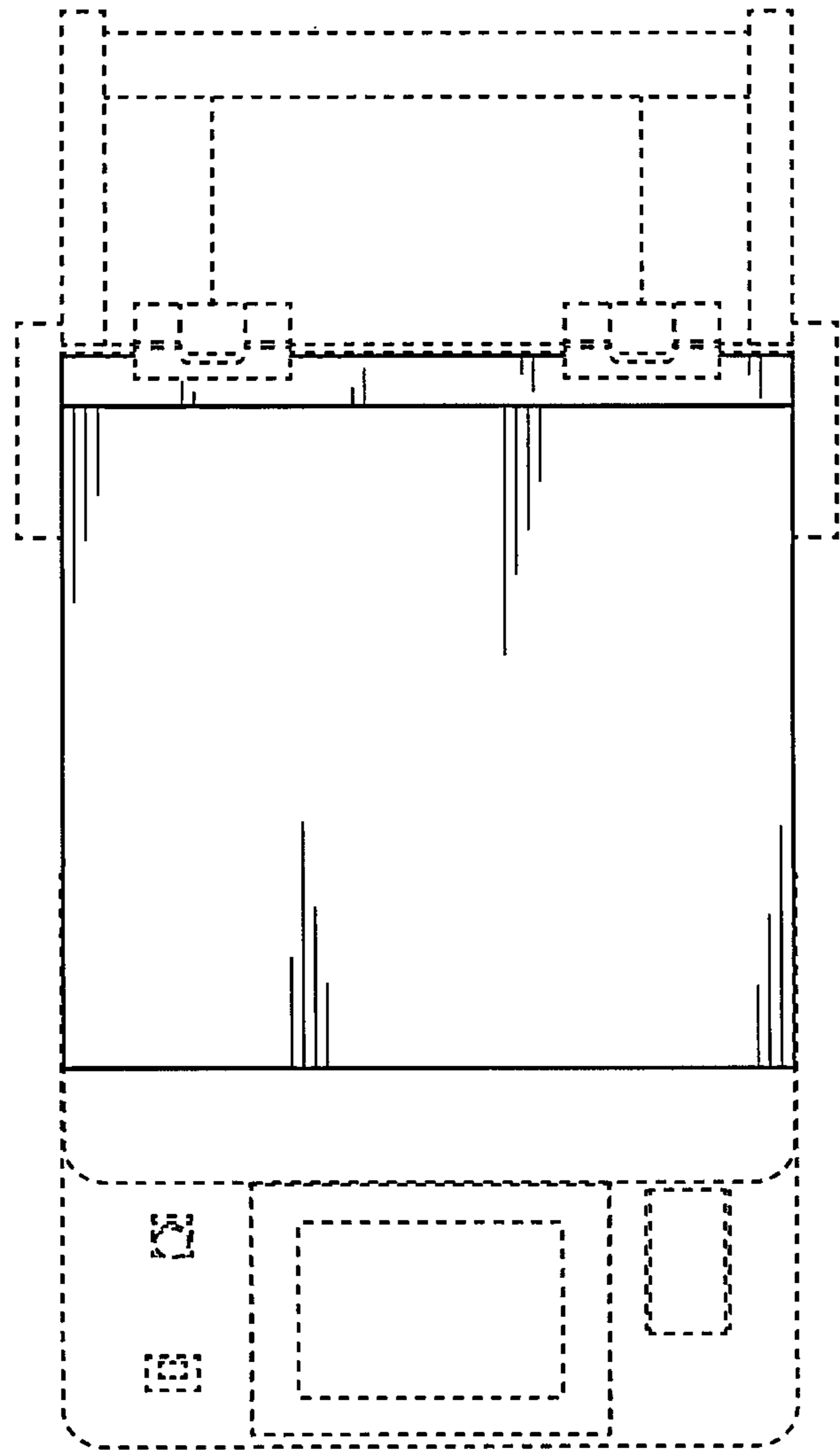


FIG.6

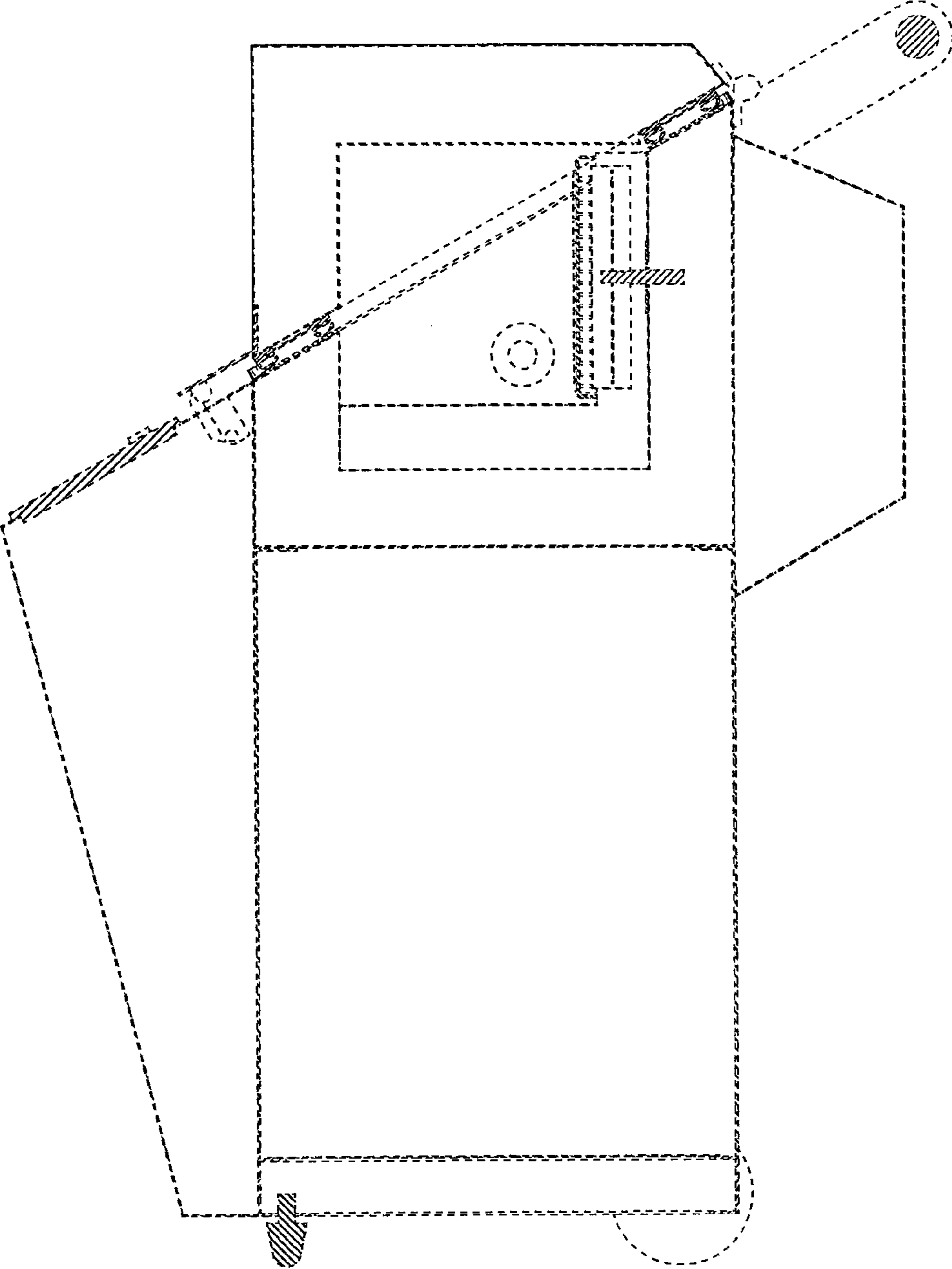


FIG. 7