



US00D791627S

(12) **United States Design Patent** (10) **Patent No.:** **US D791,627 S**
Jablonski et al. (45) **Date of Patent:** **** Jul. 11, 2017**

(54) **SPECTROMETER**

OTHER PUBLICATIONS

(71) Applicant: **Thermo Electron Scientific Instruments LLC**, Madison, WI (US)

Denovix, DS-11 Spectrophotometer, Brochure, 2 pages, Version Jun. 2013, 2013.

(Continued)

(72) Inventors: **Michael Jablonski**, Madison, WI (US);
Paul S. Zdinak, Belleville, WI (US);
William A. Bayer, Middleton, WI (US);
Taylor A. Powers, Madison, WI (US)

Primary Examiner — Antoine D Davis
(74) *Attorney, Agent, or Firm* — William R. McCarthy, III

(73) Assignee: **Thermo Electron Scientific Instruments LLC**, Madison, WI (US)

(57) **CLAIM**

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

We claim the ornamental design for a spectrometer, as shown and described.

(21) Appl. No.: **29/575,024**

(22) Filed: **Aug. 22, 2016**

Related U.S. Application Data

DESCRIPTION

(62) Division of application No. 29/537,312, filed on Aug. 25, 2015, now Pat. No. Des. 767,424, which is a (Continued)

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

(52) **U.S. Cl.**
USPC **D10/81**

(58) **Field of Classification Search**
USPC D10/75, 78, 81
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,708,313 A 11/1987 Freni, Jr. et al.
5,738,320 A 4/1998 Matos et al.
(Continued)

FOREIGN PATENT DOCUMENTS

CN 1469218 A 1/2004
CN 1798492 A 7/2006
(Continued)

FIG. 1 is a front, right perspective view of an embodiment of a spectrometer showing our new design, wherein an arm is in a closed position;

FIG. 2 is a front elevation view of the spectrometer of FIG. 1;

FIG. 3 is a left elevation view of the spectrometer of FIG. 1; FIG. 4 is a right elevation view of the spectrometer of FIG. 1;

FIG. 5 is a top plan view of the spectrometer of FIG. 1;

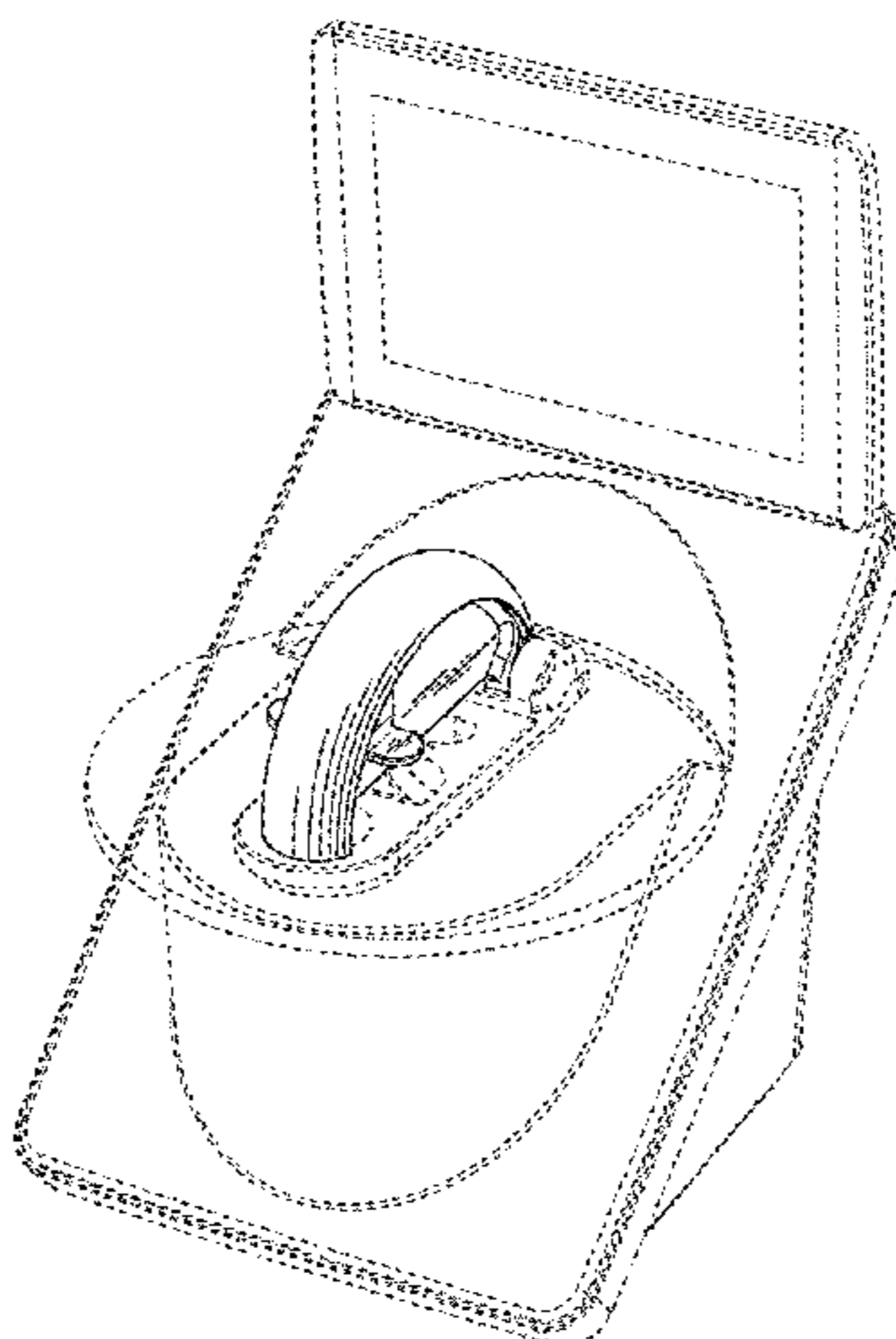
FIG. 6 is a front, right perspective view of another embodiment of a spectrometer showing our new design, wherein an arm is in a closed position;

FIG. 7 is a front elevation view of the spectrometer of FIG. 6;

FIG. 8 is a left elevation view of the spectrometer of FIG. 6; FIG. 9 is a right elevation view of the spectrometer of FIG. 6; and,

FIG. 10 is a top plan view of the spectrometer of FIG. 6. The broken lines in the figures form no part of the claimed design.

1 Claim, 10 Drawing Sheets



Related U.S. Application Data

division of application No. 29/489,553, filed on Apr. 30, 2014, now Pat. No. Des. 739,771.

(58) **Field of Classification Search**

CPC .. G01J 3/00; G01J 2003/003-2003/006; G01J 3/02-3/0278; G01J 2003/0281; G01J 3/0283-3/04; G01J 2003/042-2003/047; G01J 3/06; G01J 2003/061-2003/069; G01J 3/08-3/10; G01J 2003/01

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,881,985	A	3/1999	Hoenig	
6,585,203	B1	7/2003	Euker	
6,628,382	B2	9/2003	Robertson	
6,809,826	B2	10/2004	Robertson	
7,397,036	B2	7/2008	Robertson et al.	
D640,581	S *	6/2011	Sato	D10/81
8,189,199	B2	5/2012	Robertson, Jr. et al.	
8,223,338	B2	7/2012	Robertson, Jr. et al.	

D693,018	S	11/2013	Zdinak et al.
8,730,466	B2	5/2014	Ashmead et al.
D724,979	S	3/2015	Hurzook et al.
D767,424	S	9/2016	Jablonski et al.
2006/0198094	A1	9/2006	Kano et al.
2009/0174988	A1	7/2009	Roehl
2012/0186583	A1	7/2012	Drapes et al.
2014/0083225	A1	3/2014	Downs et al.

FOREIGN PATENT DOCUMENTS

JP	2002200941	A	7/2002
JP	2006224688	A	8/2006

OTHER PUBLICATIONS

GE Healthcare, NanoVue(TM) Plus Spectrophotometer, Data file 28-9301-69AC, Brochure, 4 pages, Sep. 2010.
 Accuride Data Sheet, Two-Way travel Light Duty Slide, Model 2002, 2 pages, 2002.
 Water Dog Sliders catalog pages, downloaded Jan. 21, 2016, 6 pages.

* cited by examiner

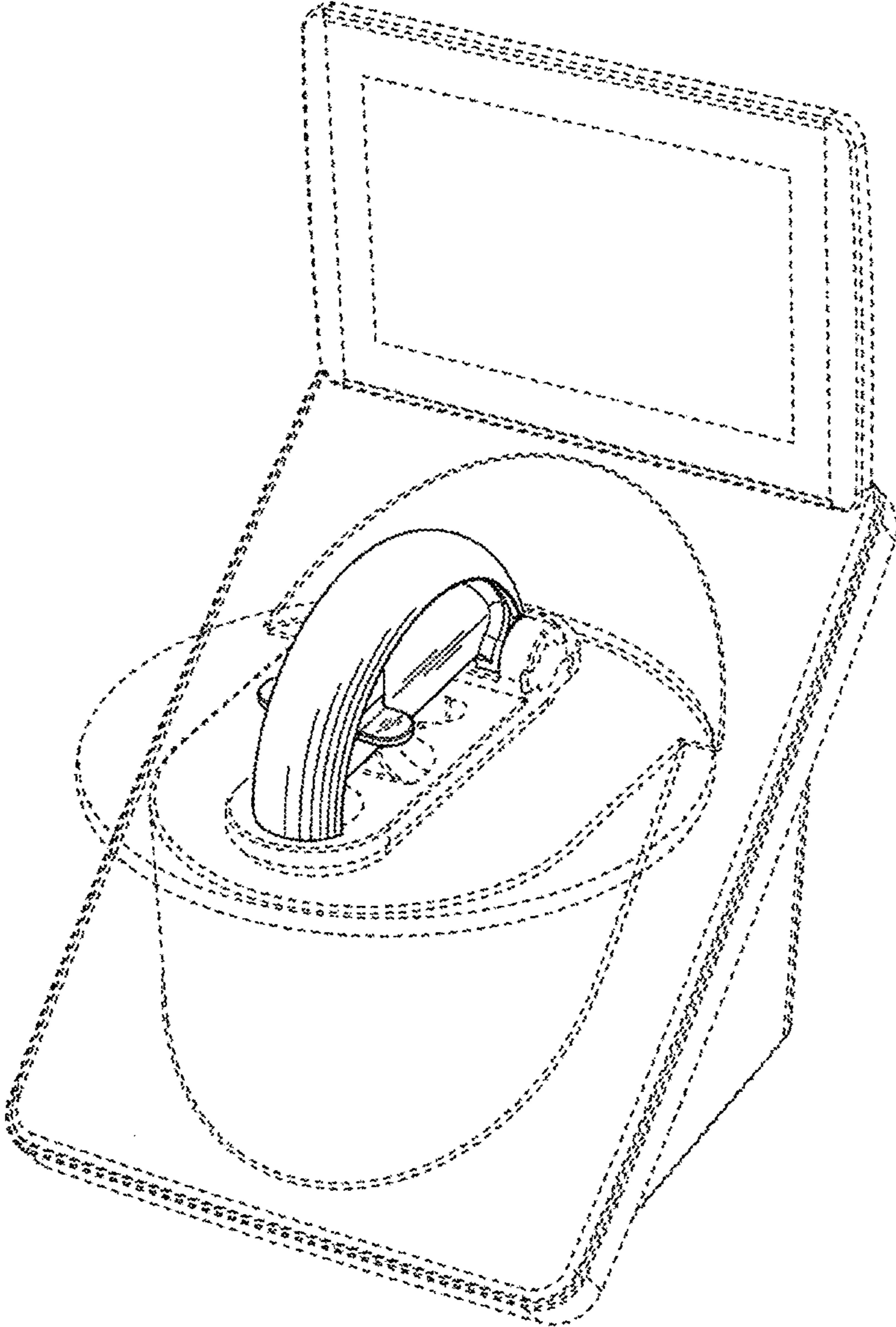


FIG. 1

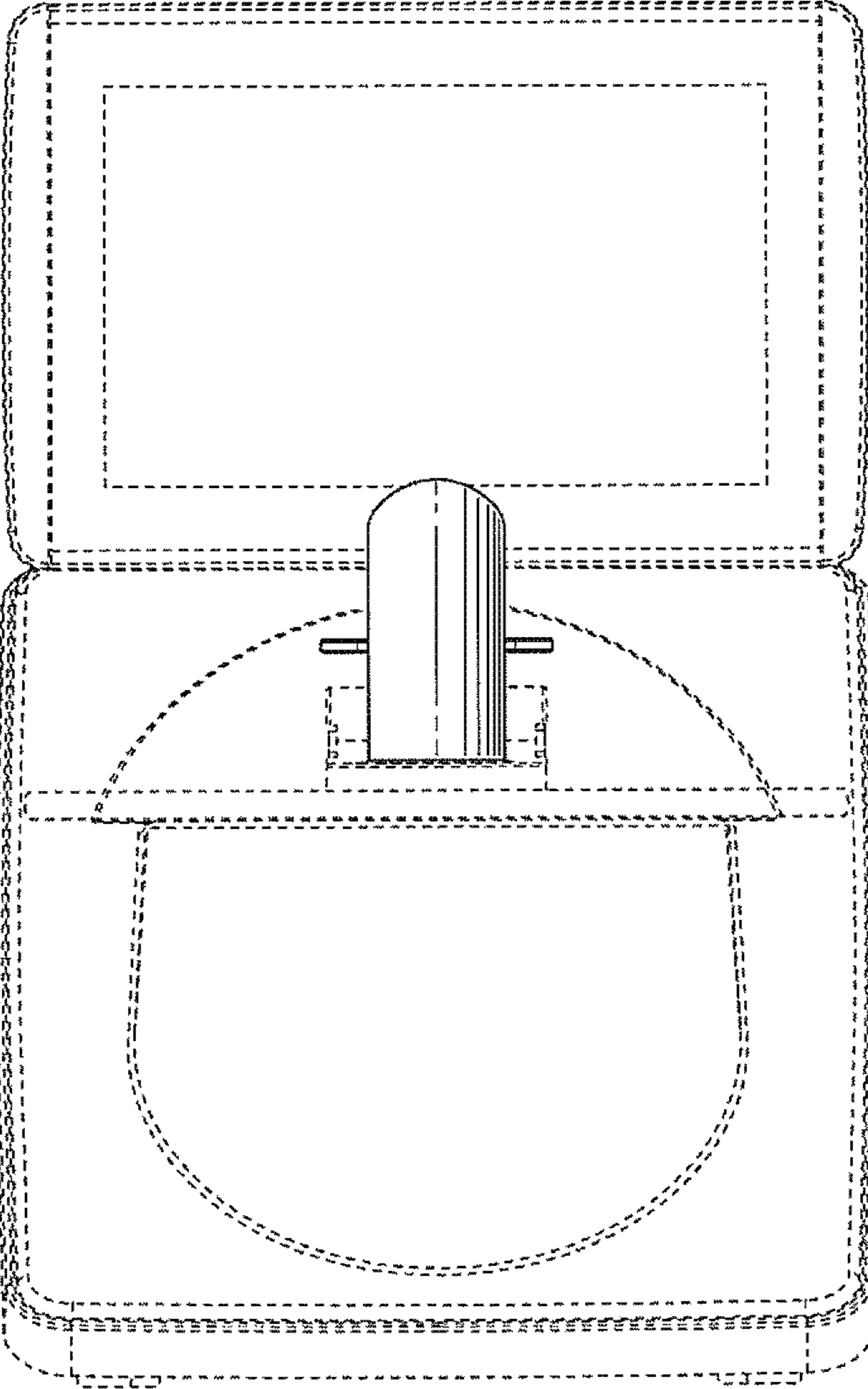


FIG. 2

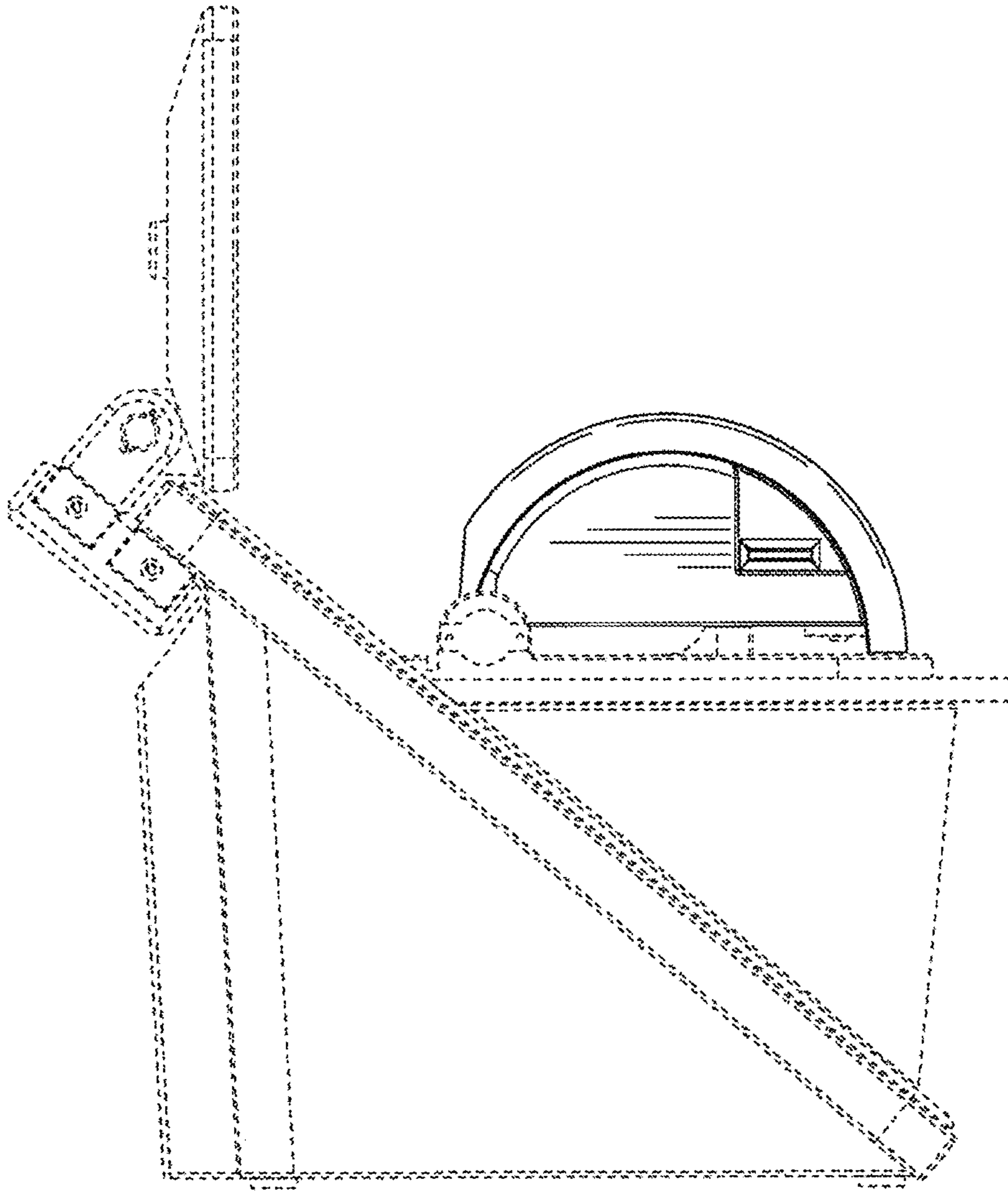


FIG. 3

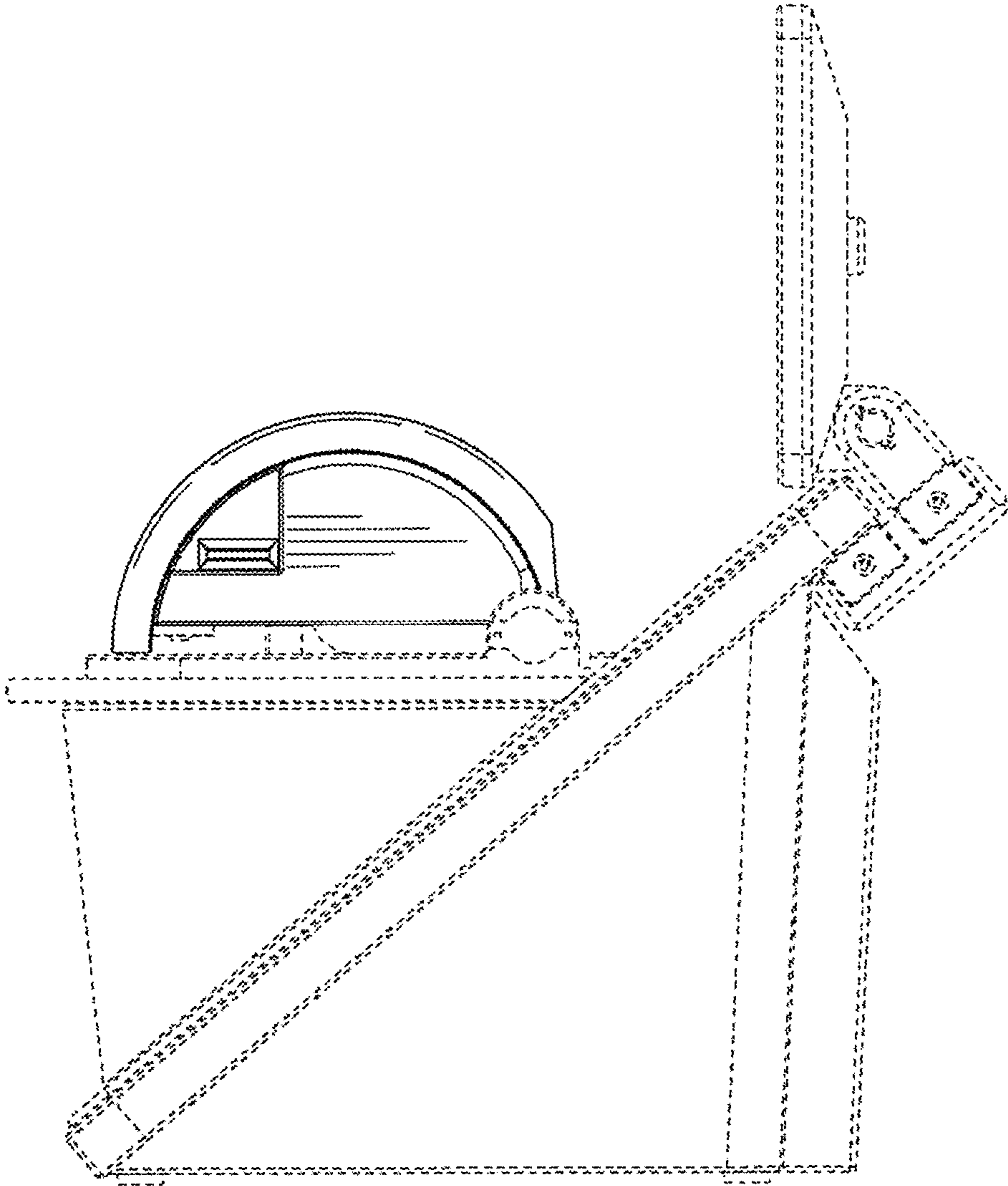


FIG. 4

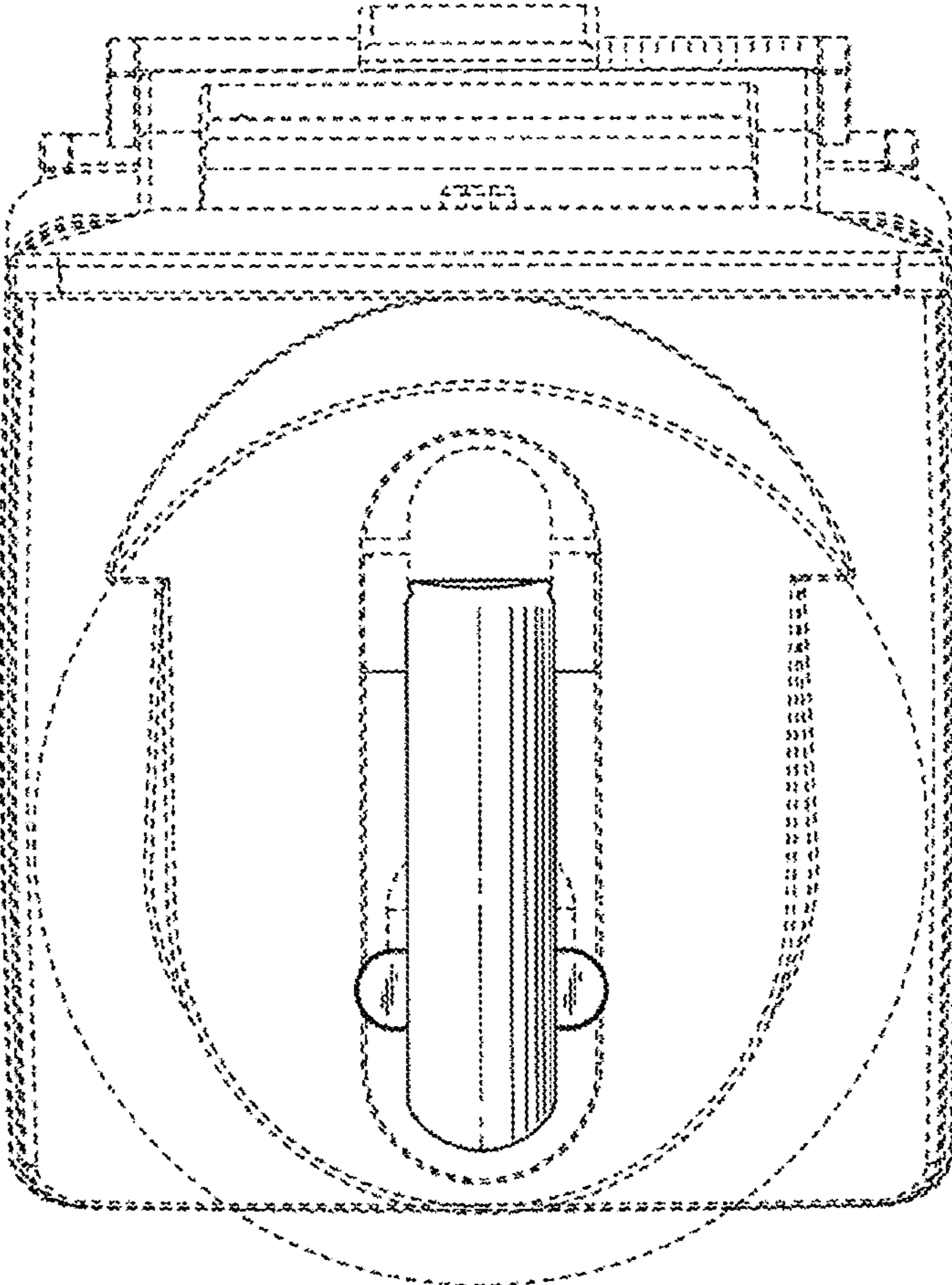


FIG. 5

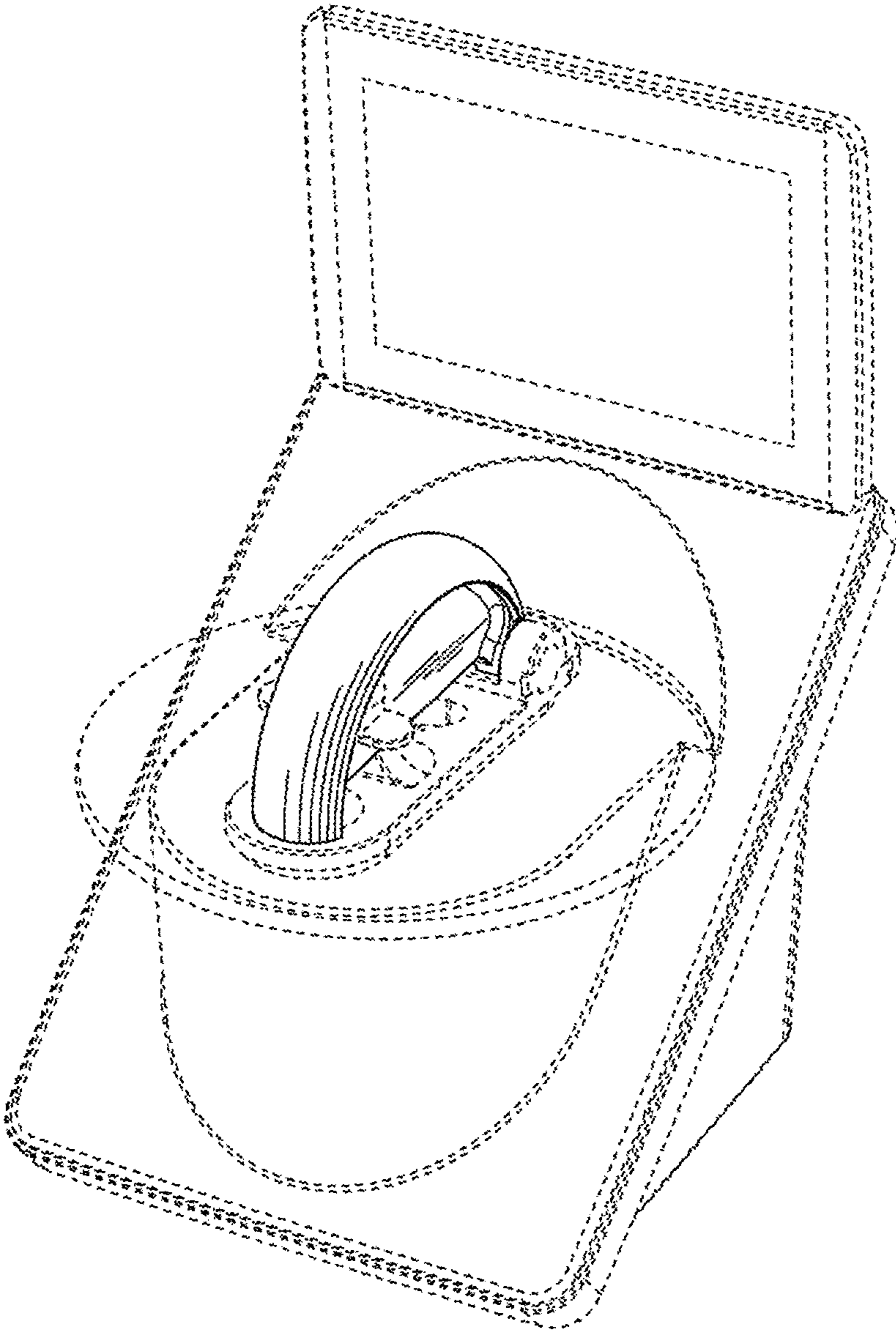


FIG. 6

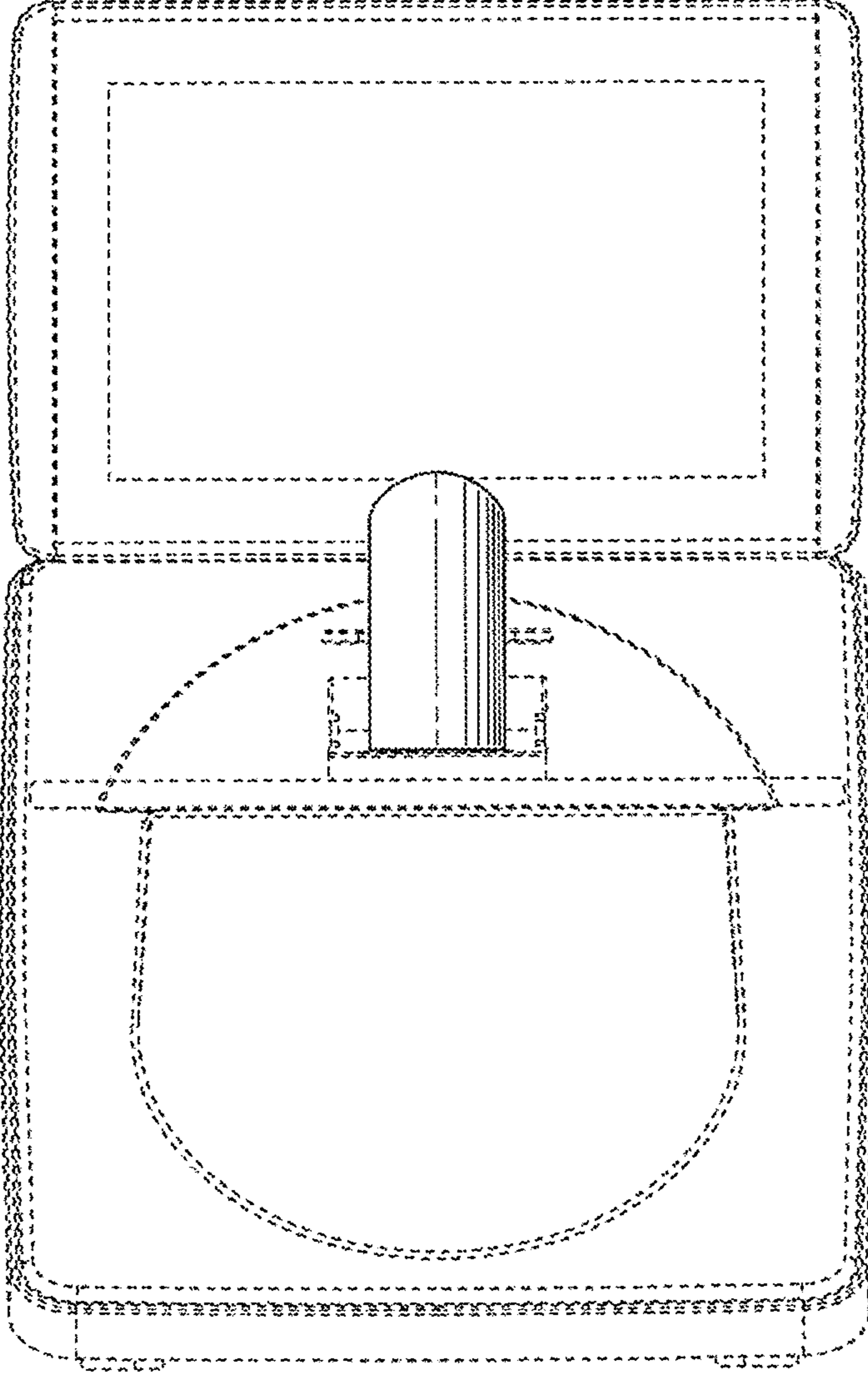


FIG. 7

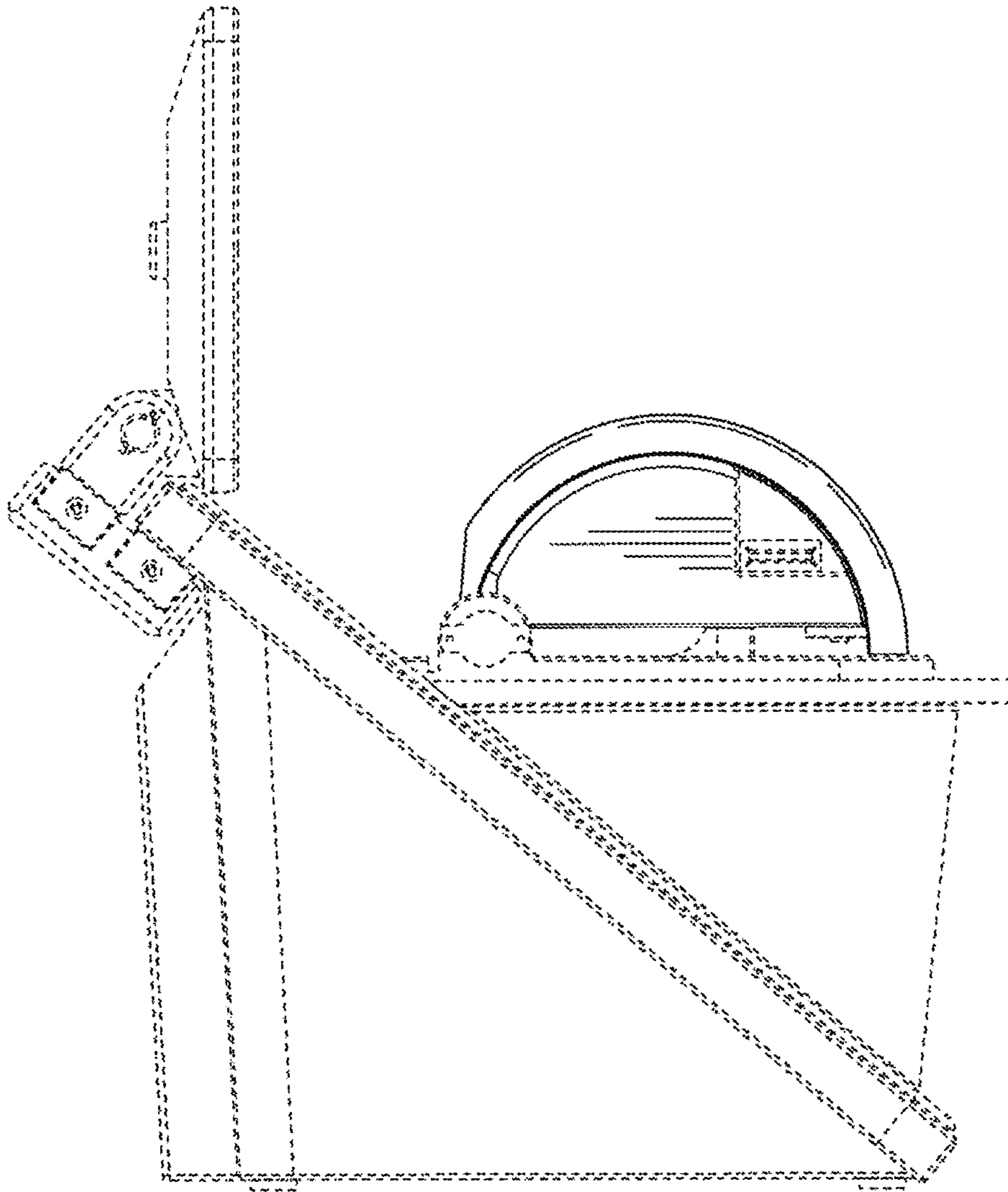


FIG. 8

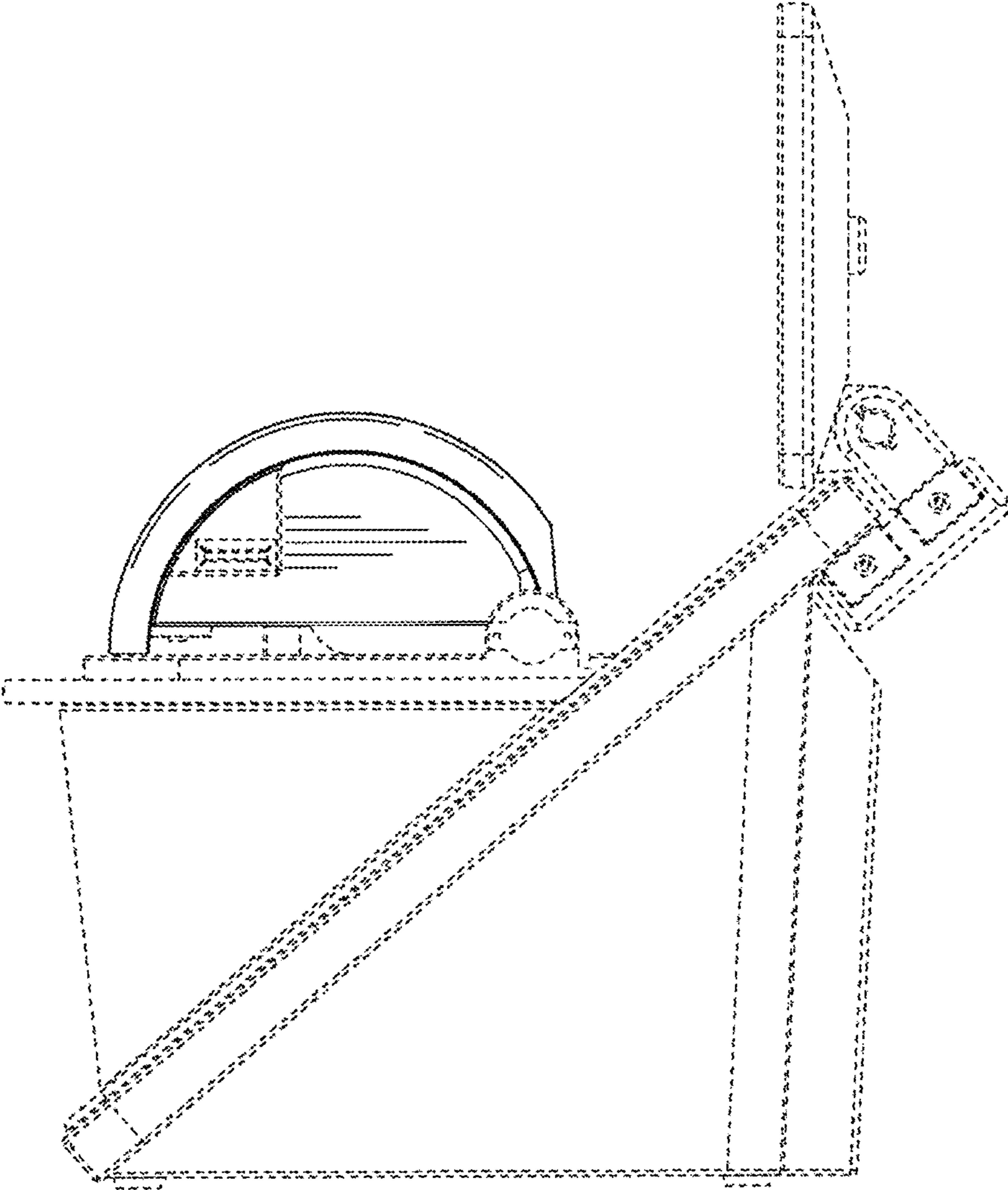


FIG. 9

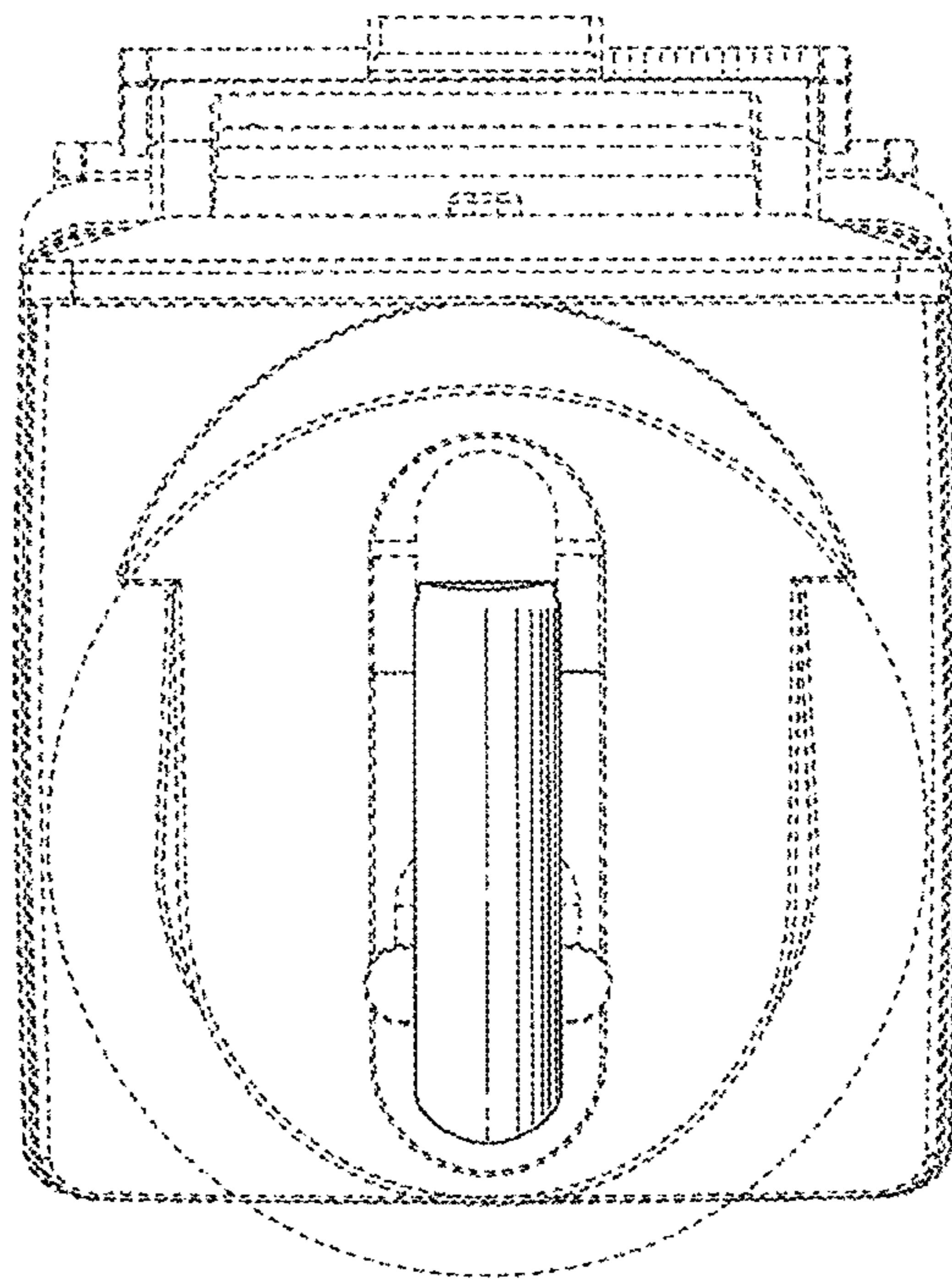


FIG. 10