

US00D497838S1

(12) **United States Design Patent** (10) **Patent No.:** **US D497,838 S**
Anderson (45) **Date of Patent:** **** Nov. 2, 2004**

(54) **RAILROAD CAR BRAKE BEAM WEAR PLATE HAVING ONE OR MORE TAPERED WALLS**

(75) Inventor: **John D. Anderson**, Aurora, IL (US)

(73) Assignee: **ZefTek, Inc.**, Montgomery, IL (US)

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

(21) Appl. No.: **29/174,461**

(22) Filed: **Jan. 16, 2003**

(51) **LOC (7) Cl.** **12-03**

(52) **U.S. Cl.** **D12/47**

(58) **Field of Search** D12/45-47; 188/52, 188/205 R

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,350,671 A	6/1944	Busch	
2,365,744 A	12/1944	Busch	
2,553,345 A	5/1951	Willis	
2,808,906 A	10/1957	Busch	
2,918,149 A	12/1959	McClure et al.	
3,020,984 A	2/1962	Beau	
3,207,271 A	9/1965	Polanin et al.	
4,380,199 A	4/1983	Thomson et al.	
4,471,857 A	9/1984	Murphy	
5,421,437 A	6/1995	Malachowski	
5,682,964 A	11/1997	Murphy	
5,924,654 A *	7/1999	Anderson	246/169 R
6,367,590 B1	4/2002	Burke	

FOREIGN PATENT DOCUMENTS

AU	143976	10/1951
CA	577032	6/1959

OTHER PUBLICATIONS

Holland Transportation Technology Rail Car Components Brochures written by Holland, published prior to 2001.

The Holland Company Freight Car Components written by Holland, published prior to 2001.

ZefTek Car Parts written by Zeftek® Inc., published Aug. 15, 1998.

ZefTek Cost Cutting Car Components written by Zeftek® Inc., published prior to 2001.

Premium Brake Beam Saver Advertisement written by Zeftek® Inc., published Nov. 5, 1998.

Standard Brake Beam Saver Advertisement written by Zeftek® Inc., published Apr. 30, 1998.

ZefTek's Brake Beam Guides: Why Are They Better? written by Zeftek® Inc., published Nov. 12, 1998.

* cited by examiner

Primary Examiner—Nelson C. Holtje

(74) *Attorney, Agent, or Firm*—Bell, Boyd & Lloyd LLC

(57) **CLAIM**

The ornamental design for railroad car brake beam wear plate having one or more tapered walls, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of one embodiment of the railroad brake beam wear plate having a tapered wall of my new design, that portion of the wear plate shown in phantom is not part of the design sought to be patented and is provided for environmental purposes only;

FIG. 2 is an end view of the railroad car brake beam wear plate having a tapered wall of my new design illustrated in FIG. 1;

FIG. 3 is a right side view of the railroad car brake beam wear plate having a tapered wall of my new design illustrated in FIG. 1, the left side being a mirror image thereof;

FIG. 4 is a top plan view of the railroad car brake beam wear plate having a tapered wall of my new design illustrated in FIG. 1;

FIG. 5 is a bottom plan view of the railroad car brake beam wear plate having a tapered wall of my new design illustrated in FIG. 1;

FIG. 6 is a perspective view of an alternative embodiment of the railroad brake beam wear plate having tapered walls of my new design, that portion of the wear plate shown in phantom is not part of the design sought to be patented and is provided for environmental purposes only;

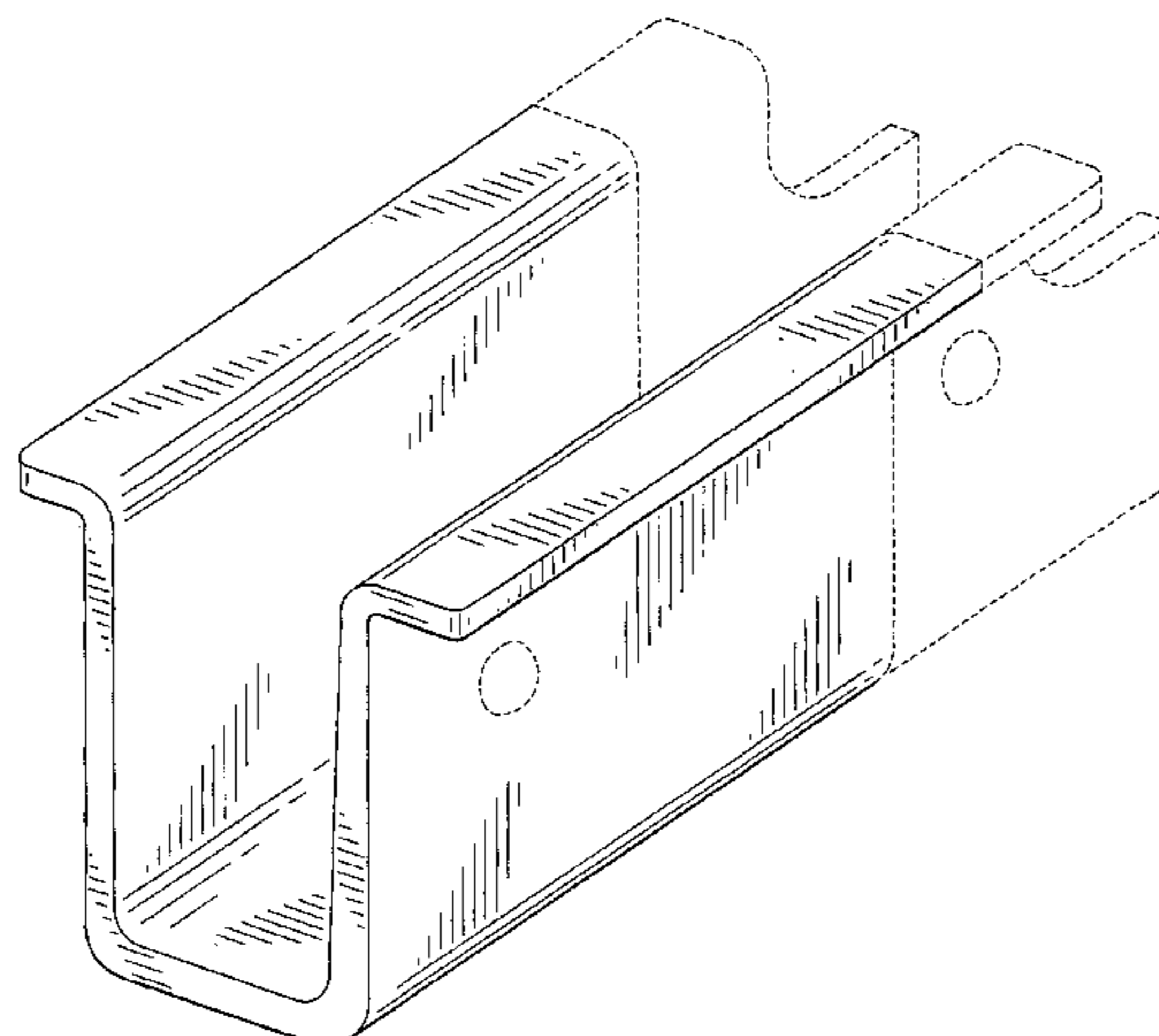


FIG. 7 is an end view of the railroad car brake beam wear plate having tapered walls of my new design illustrated in FIG. 6;

FIG. 8 is a top plan view of the railroad car brake beam wear plate having tapered walls of my new design illustrated in FIG. 6;

FIG. 9 is a perspective view of an alternative embodiment of the railroad brake beam wear plate having a tapered wall of my new design, that portion of the wear plate shown in phantom is not part of the design sought to be patented and is provided for environmental purposes only;

FIG. 10 is an end view of the railroad car brake beam wear plate having a tapered wall of my new design illustrated in FIG. 9;

FIG. 11 is a top plan view of the railroad car brake beam wear plate having a tapered wall of my new design illustrated in FIG. 9;

FIG. 12 is a perspective view of an alternative embodiment of the railroad brake beam wear plate having tapered walls of my new design, that portion of the wear plate shown in phantom is not part of the design sought to be patented and is provided for environmental purposes only;

FIG. 13 is an end view of the railroad car brake beam wear plate having tapered walls of my new design illustrated in FIG. 12;

FIG. 14 is a top plan view of the railroad car brake beam wear plate having tapered walls of my new design illustrated in FIG. 12;

FIG. 15 is a perspective view of an alternative embodiment of the railroad brake beam wear plate having a tapered wall of my new design, that portion of the wear plate shown in phantom is not part of the design sought to be patented and is provided for environmental purposes only;

FIG. 16 is an end view of the railroad car brake beam wear plate having a tapered wall of my new design illustrated in FIG. 15;

FIG. 17 is a right side view of the railroad car brake beam wear plate having a tapered wall of my new design illustrated in FIG. 15, the left side being a mirror image thereof;

FIG. 18 is a top plan view of the railroad car brake beam wear plate having a tapered wall of my new design illustrated in FIG. 15;

FIG. 19 is a bottom plan view of the railroad car brake beam wear plate having a tapered wall of my new design illustrated in FIG. 15;

FIG. 20 is a perspective view of an alternative embodiment of the railroad brake beam wear plate having tapered walls of my new design, that portion of the wear plate shown in phantom is not part of the design sought to be patented and is provided for environmental purposes only;

FIG. 21 is an end view of the railroad car brake beam wear plate having tapered walls of my new design illustrated in FIG. 20;

FIG. 22 is a top plan view of the railroad car brake beam wear plate having tapered walls of my new design illustrated in FIG. 20;

FIG. 23 is a perspective view of an alternative embodiment of the railroad brake beam wear plate having a tapered wall of my new design, that portion of the wear plate shown in phantom is not part of the design sought to be patented and is provided for environmental purposes only;

FIG. 24 is an end view of the railroad car brake beam wear plate having a tapered wall of my new design illustrated in FIG. 23;

FIG. 25 is a top plan view of the railroad car brake beam wear plate having a tapered wall of my new design illustrated in FIG. 23;

FIG. 26 is a perspective view of an alternative embodiment of the railroad brake beam wear plate having tapered walls of my new design, that portion of the wear plate shown in phantom is not part of the design sought to be patented and is provided for environmental purposes only;

FIG. 27 is an end view of the railroad car brake beam wear plate having tapered walls of my new design illustrated in FIG. 26; and,

FIG. 28 is a top plan view of the railroad car brake beam wear plate having tapered walls of my new design illustrated in FIG. 26.

1 Claim, 28 Drawing Sheets

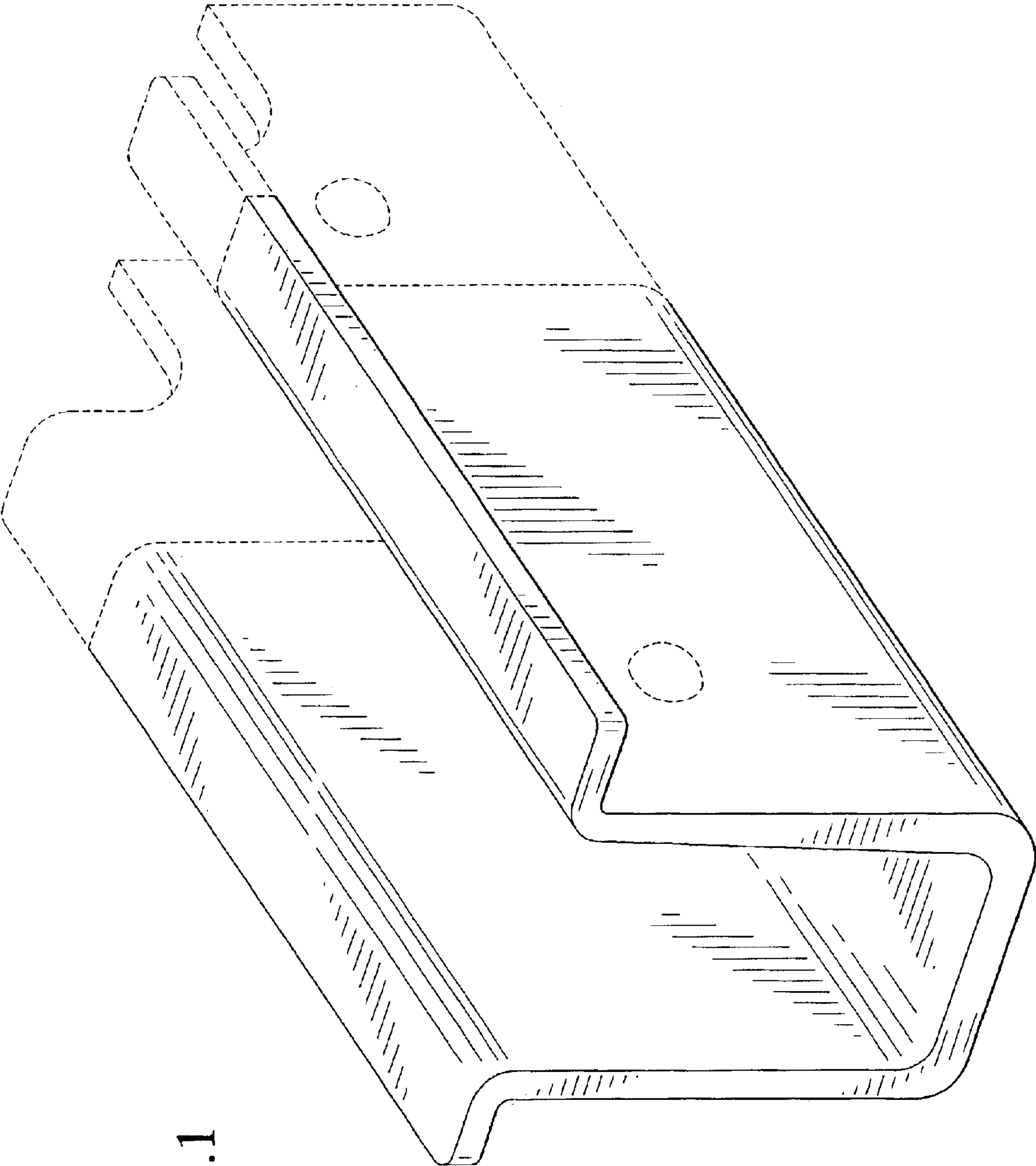


FIG. 1

FIG. 2

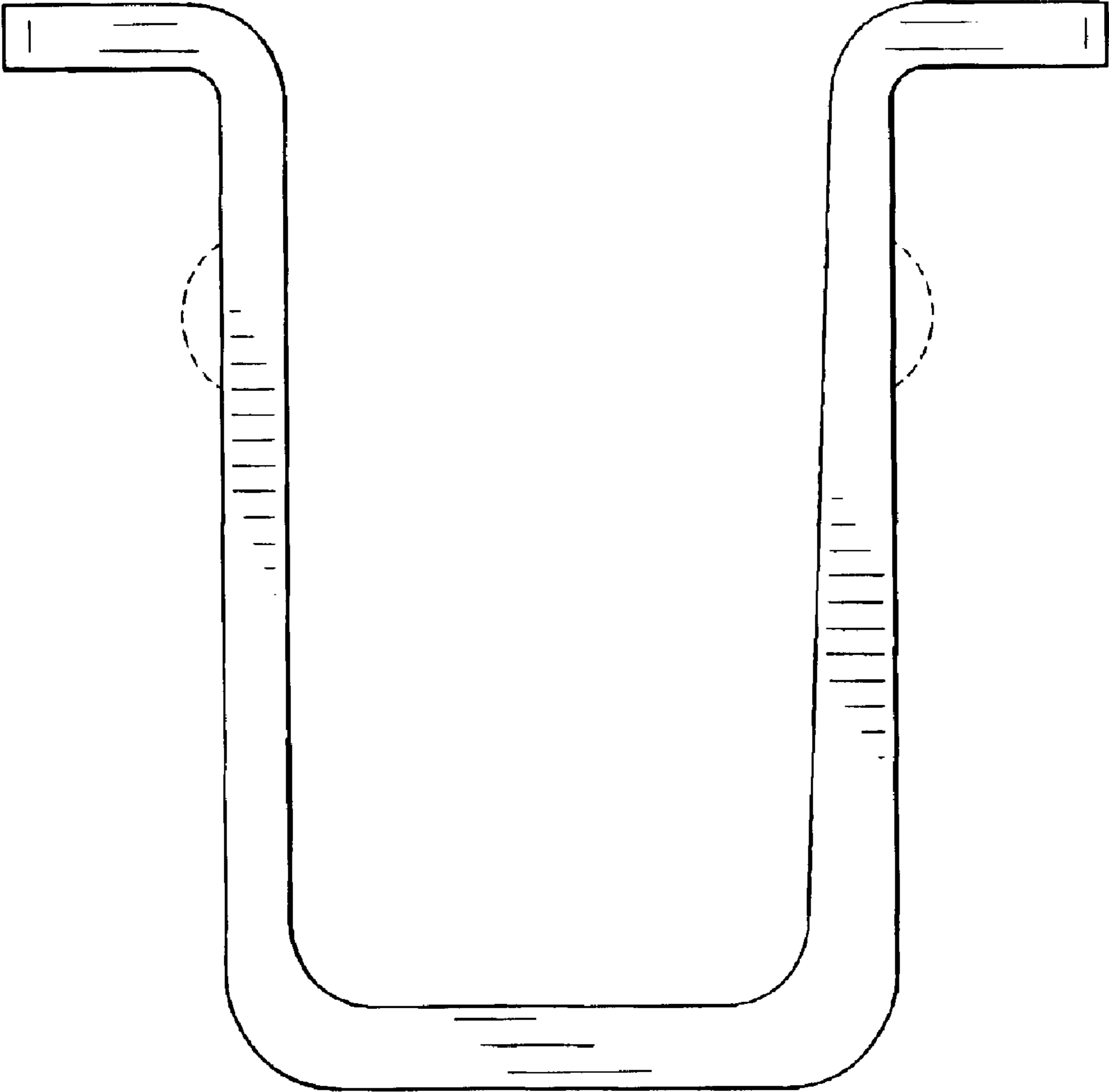


FIG. 3

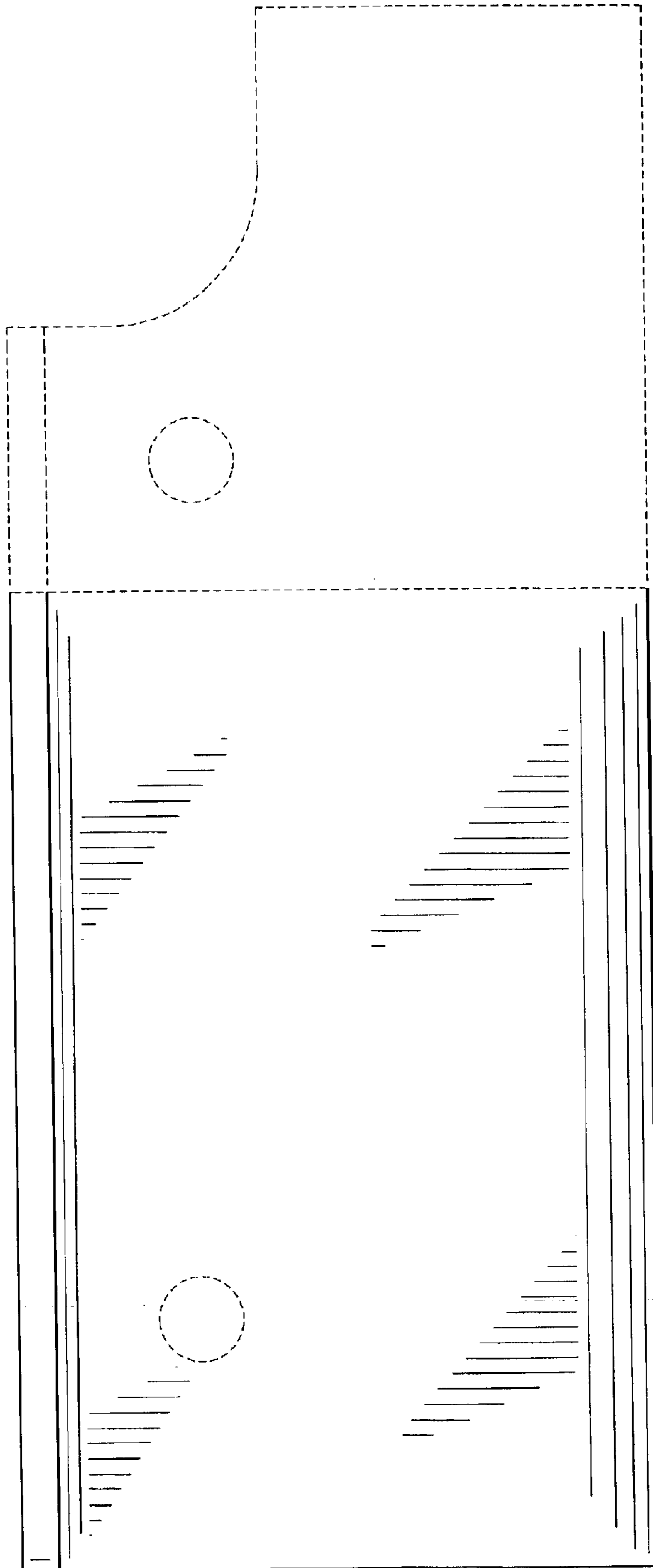


FIG. 4

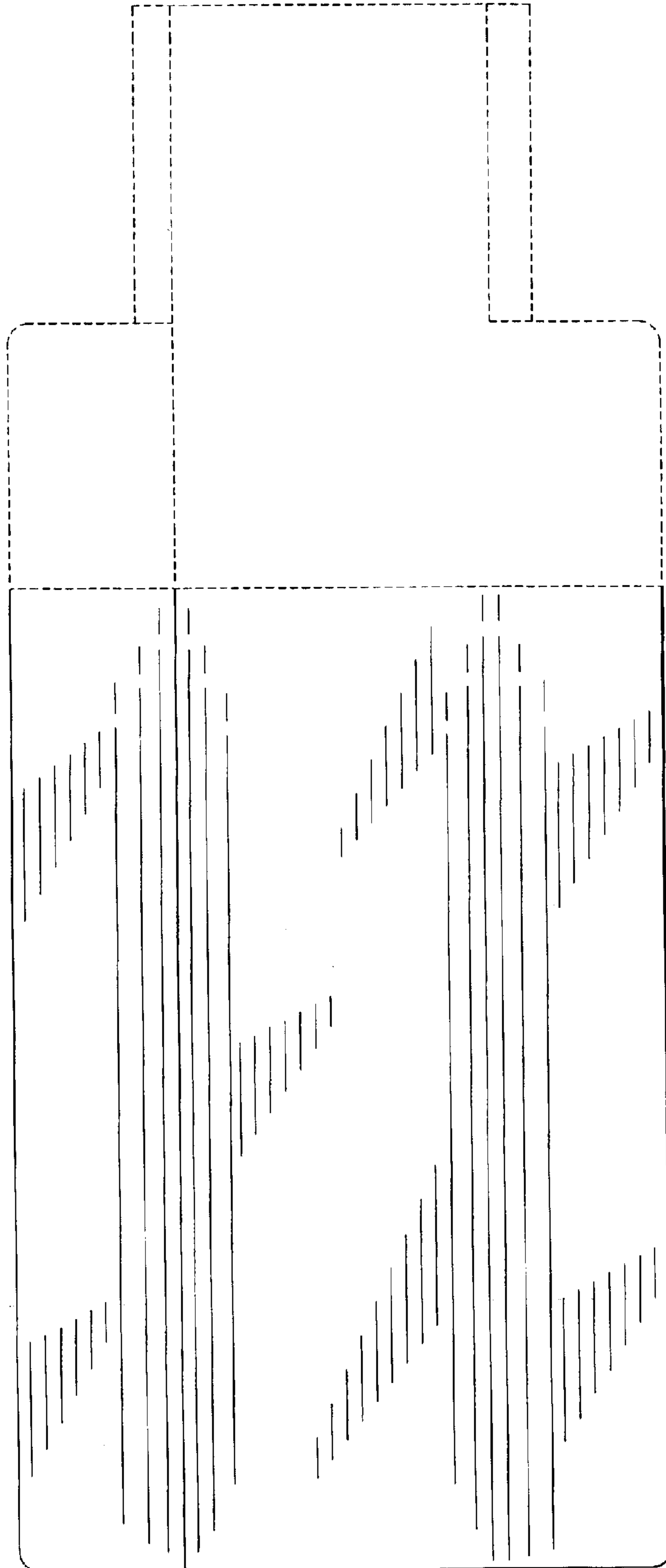
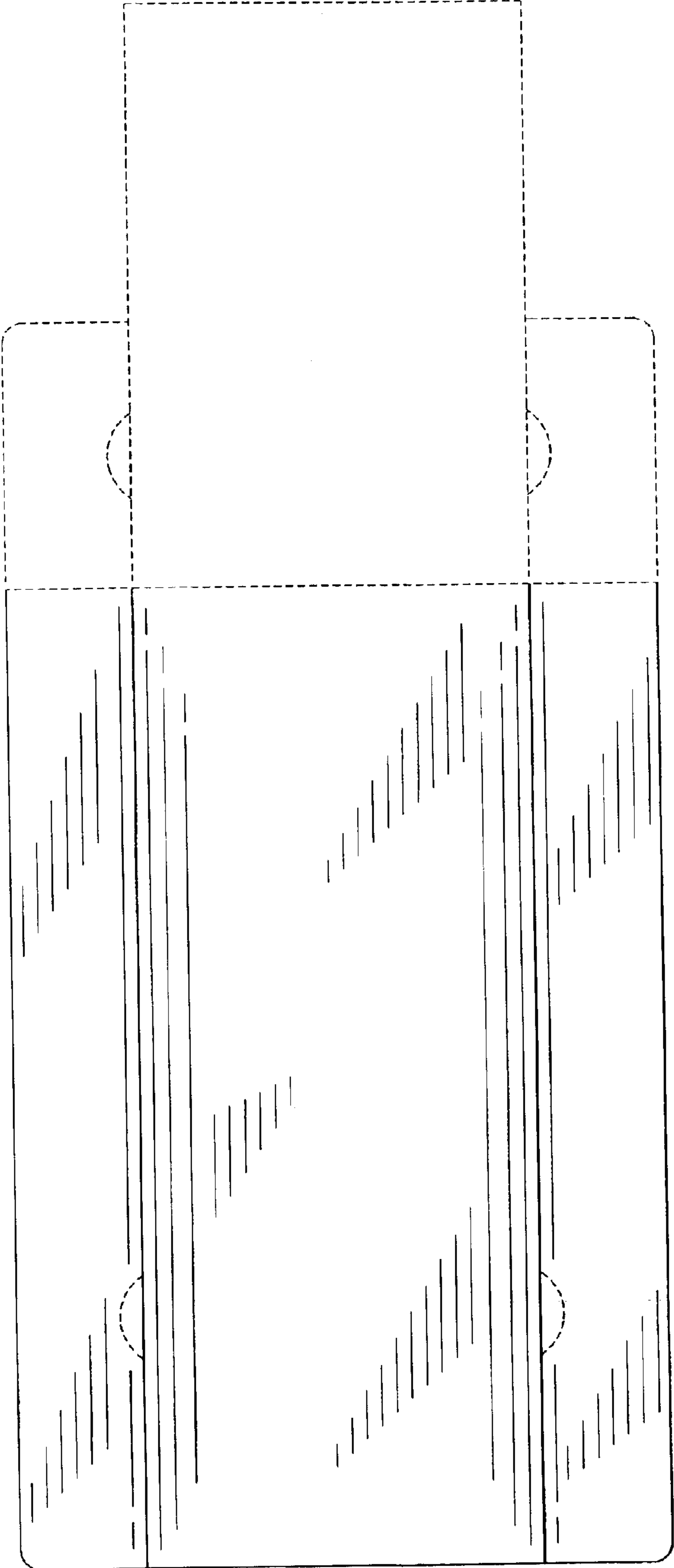


FIG. 5



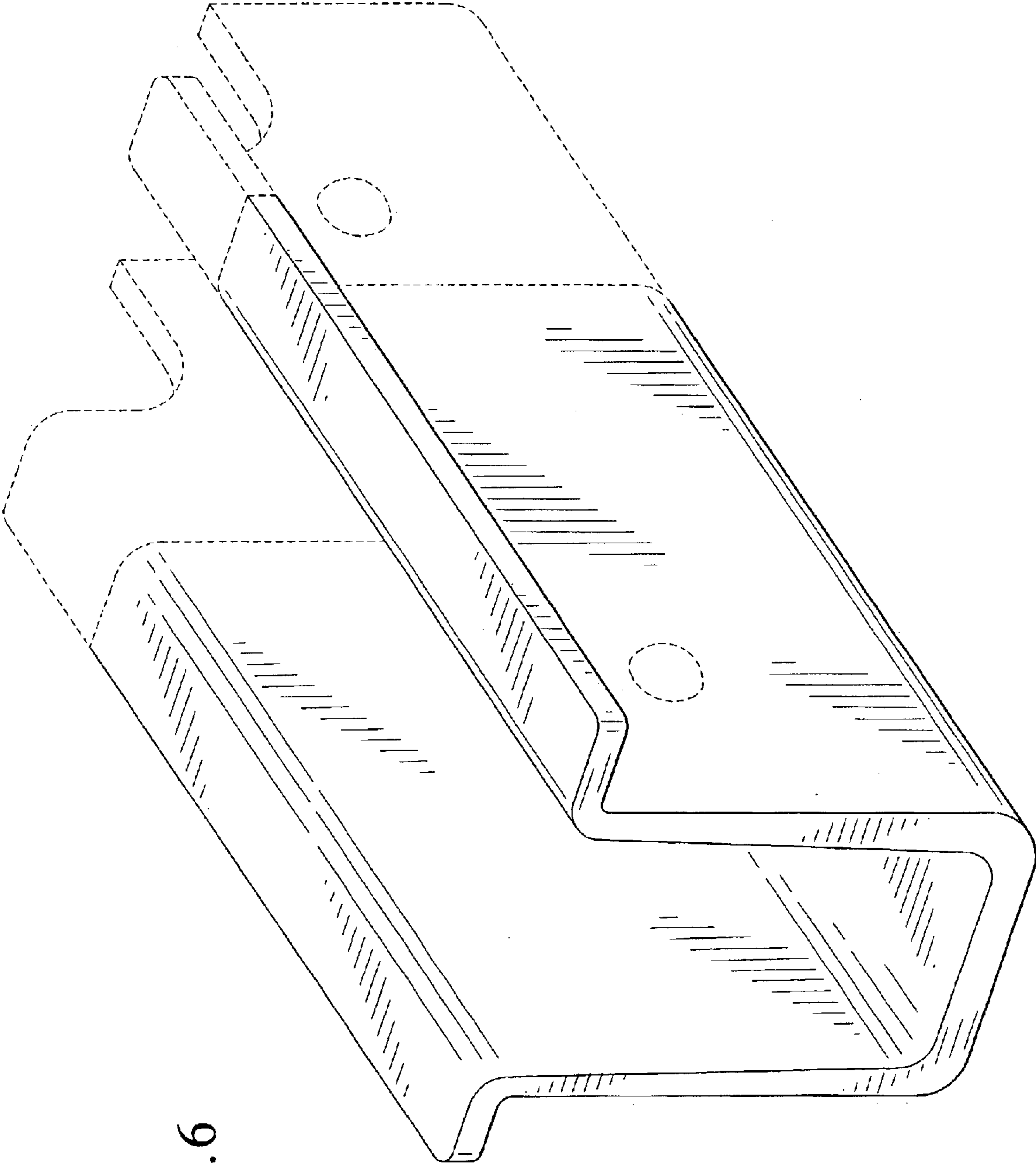


FIG. 6

FIG. 7

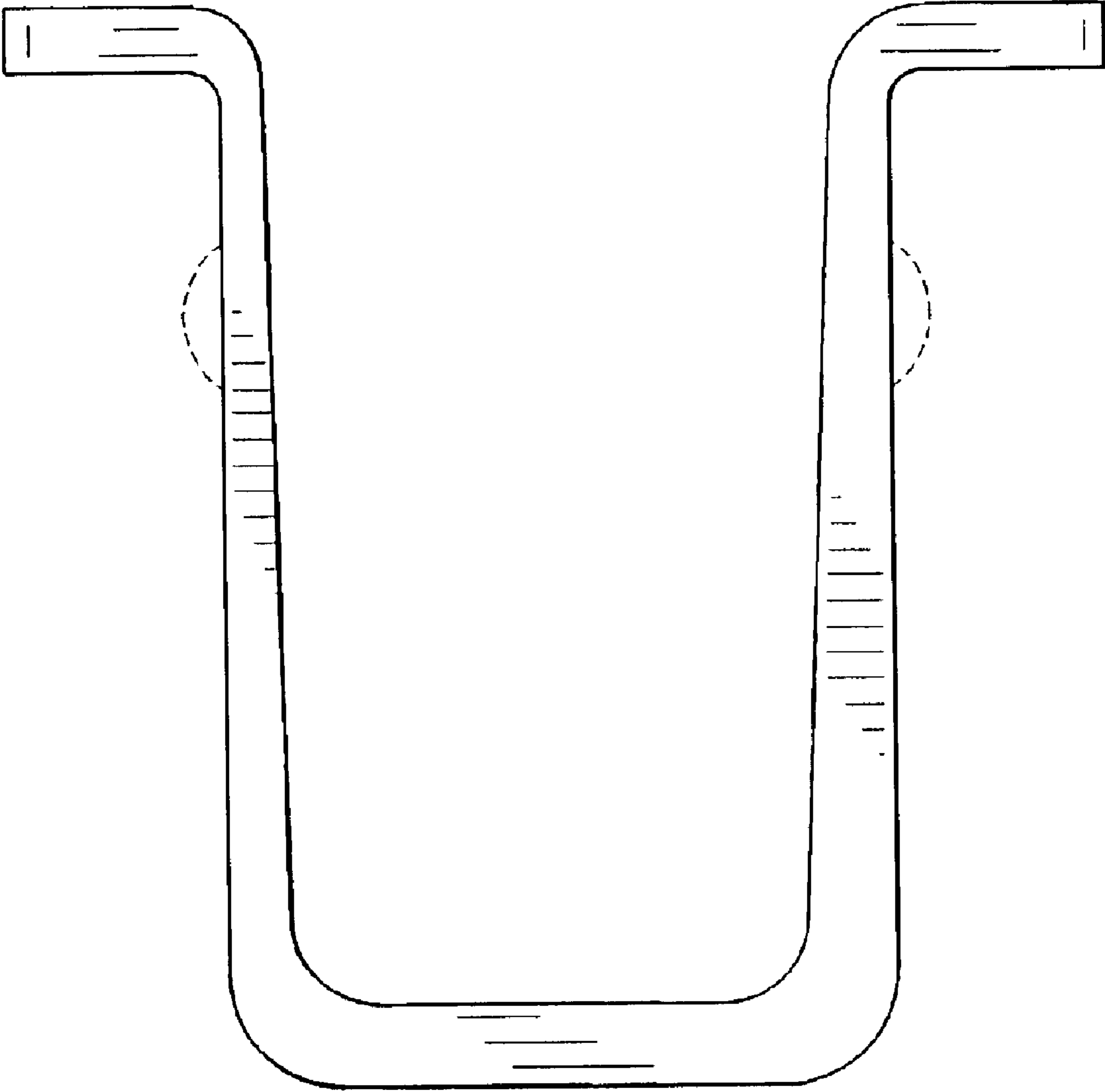
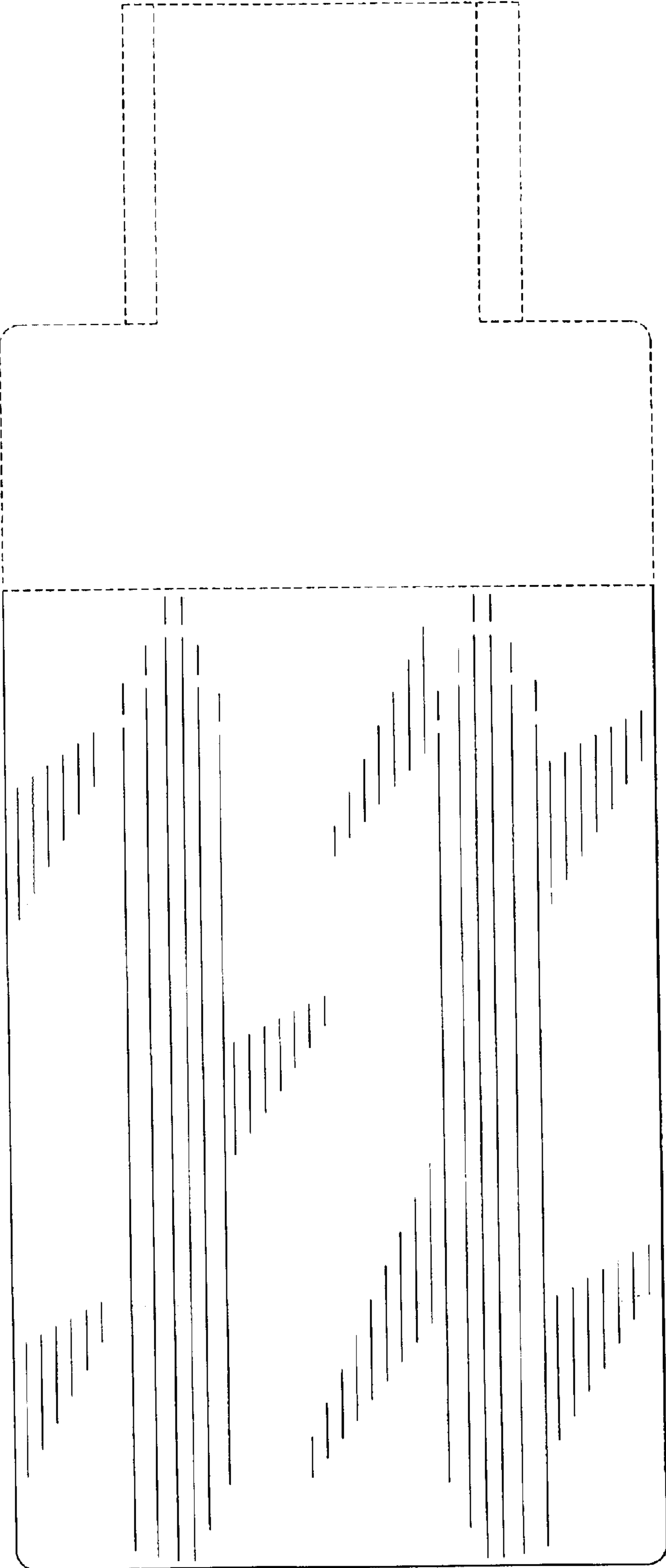


FIG. 8



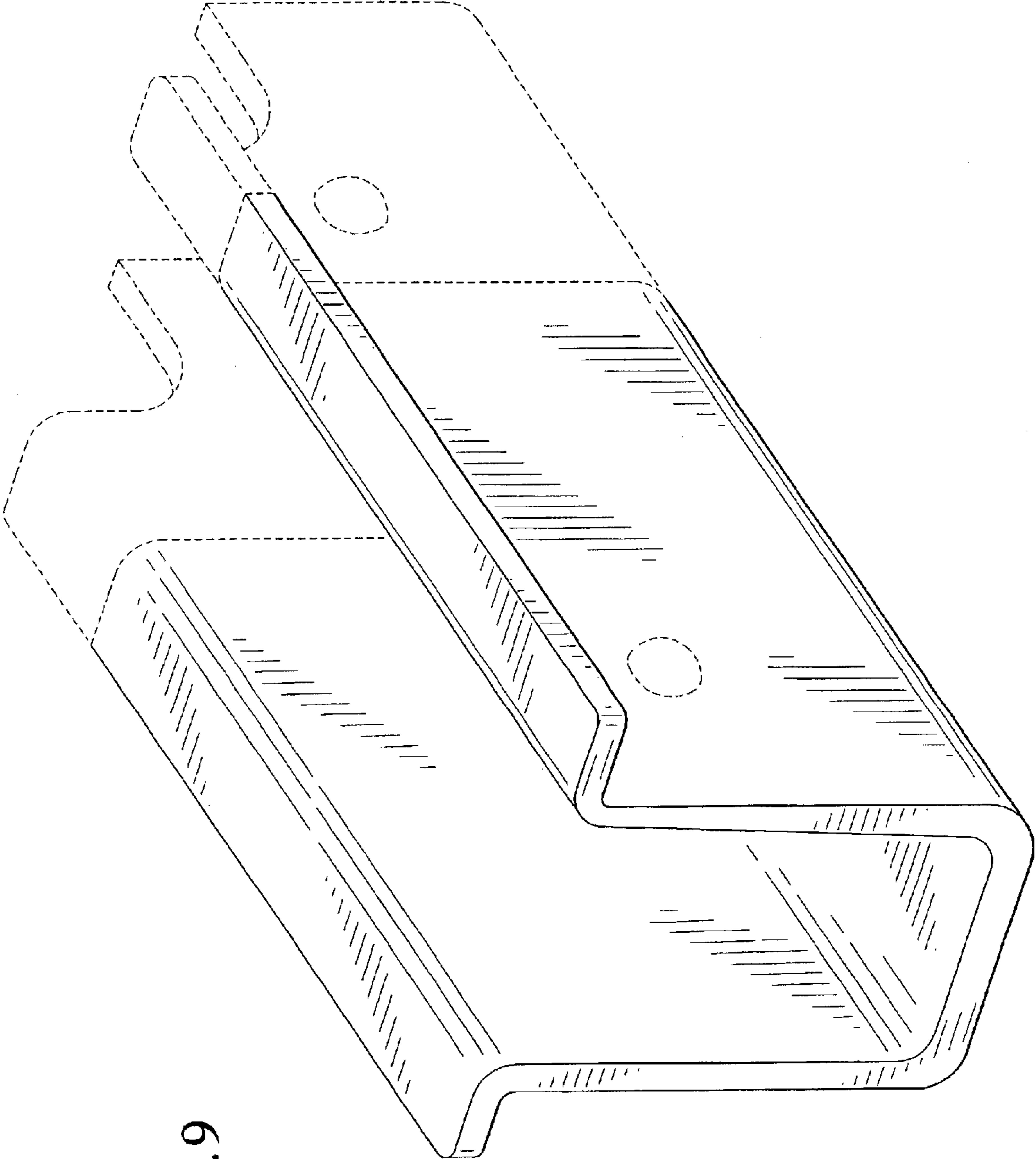


FIG. 9

FIG. 10

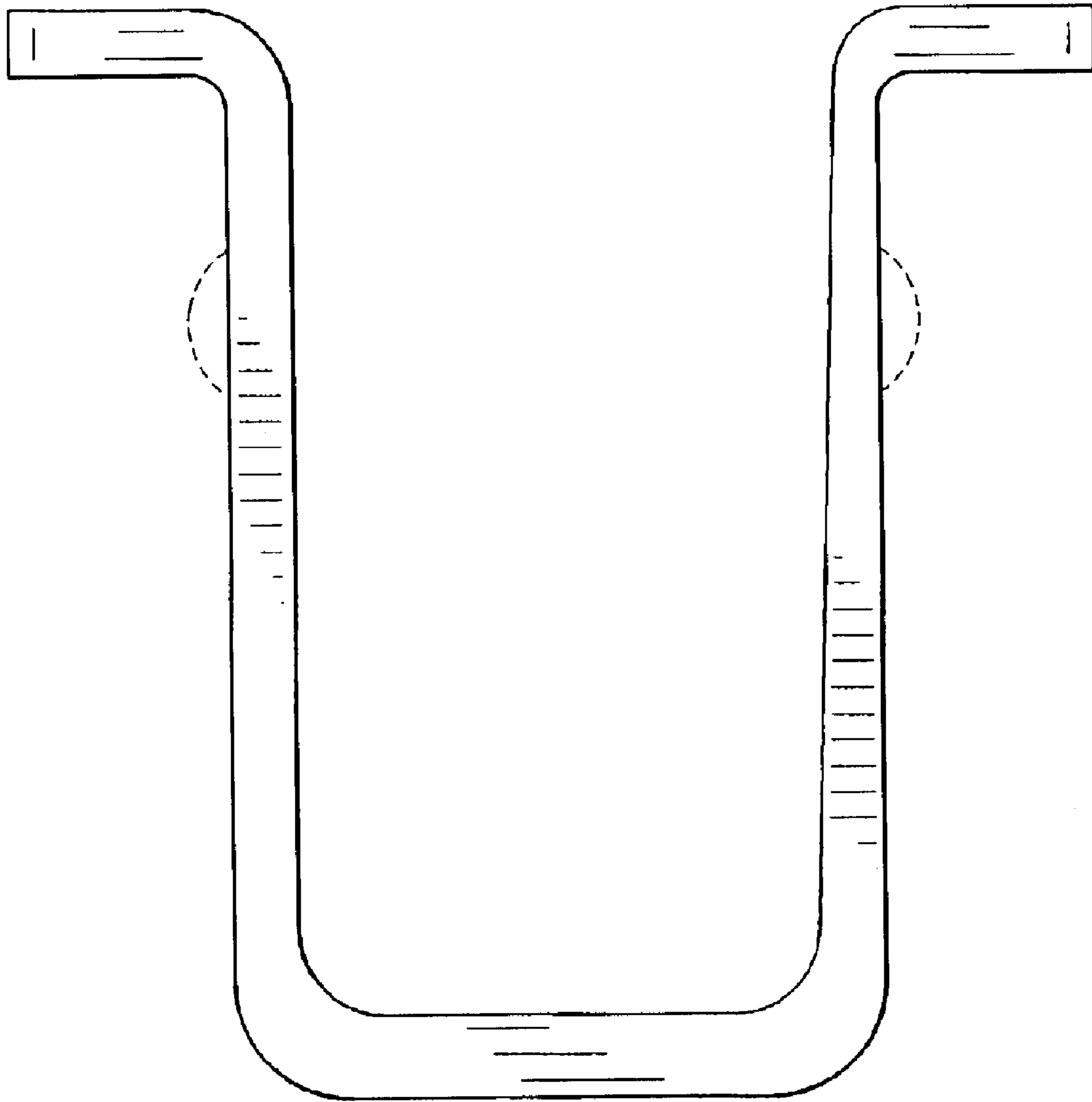
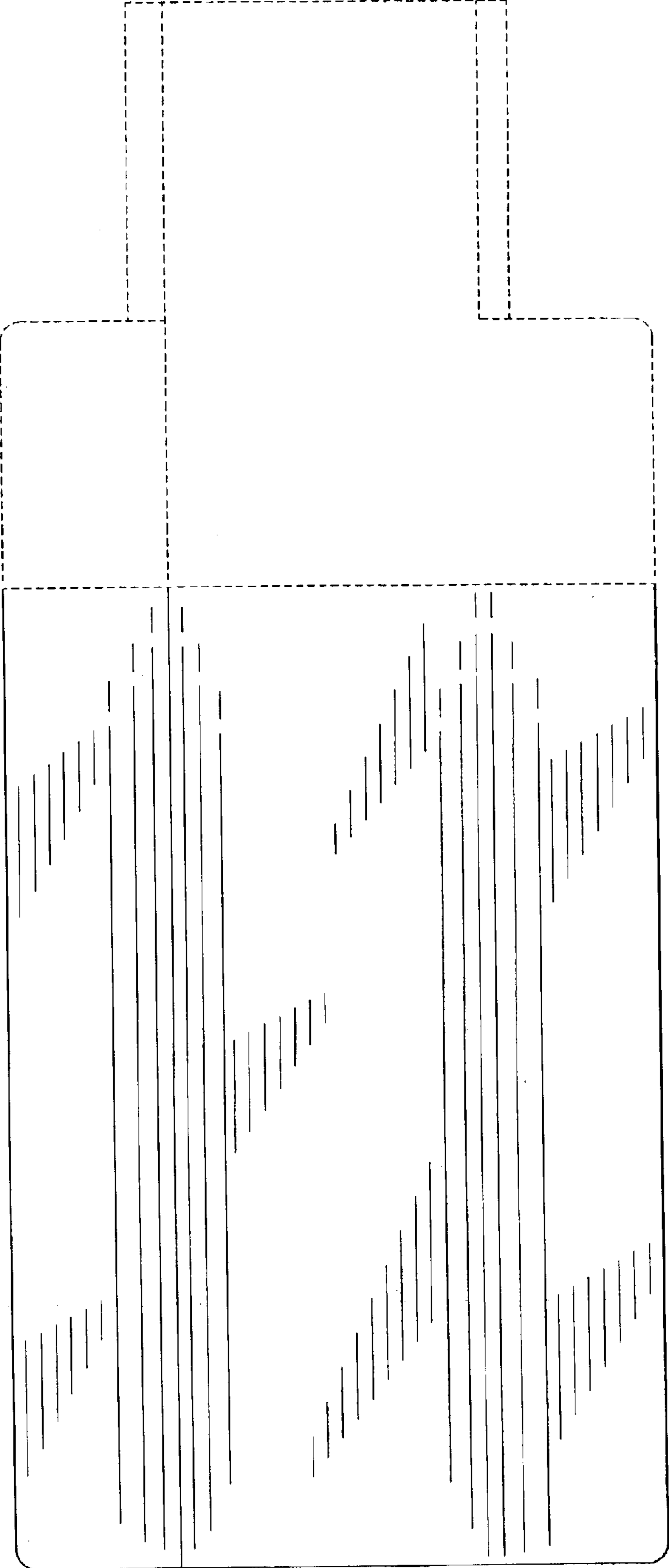


FIG.11



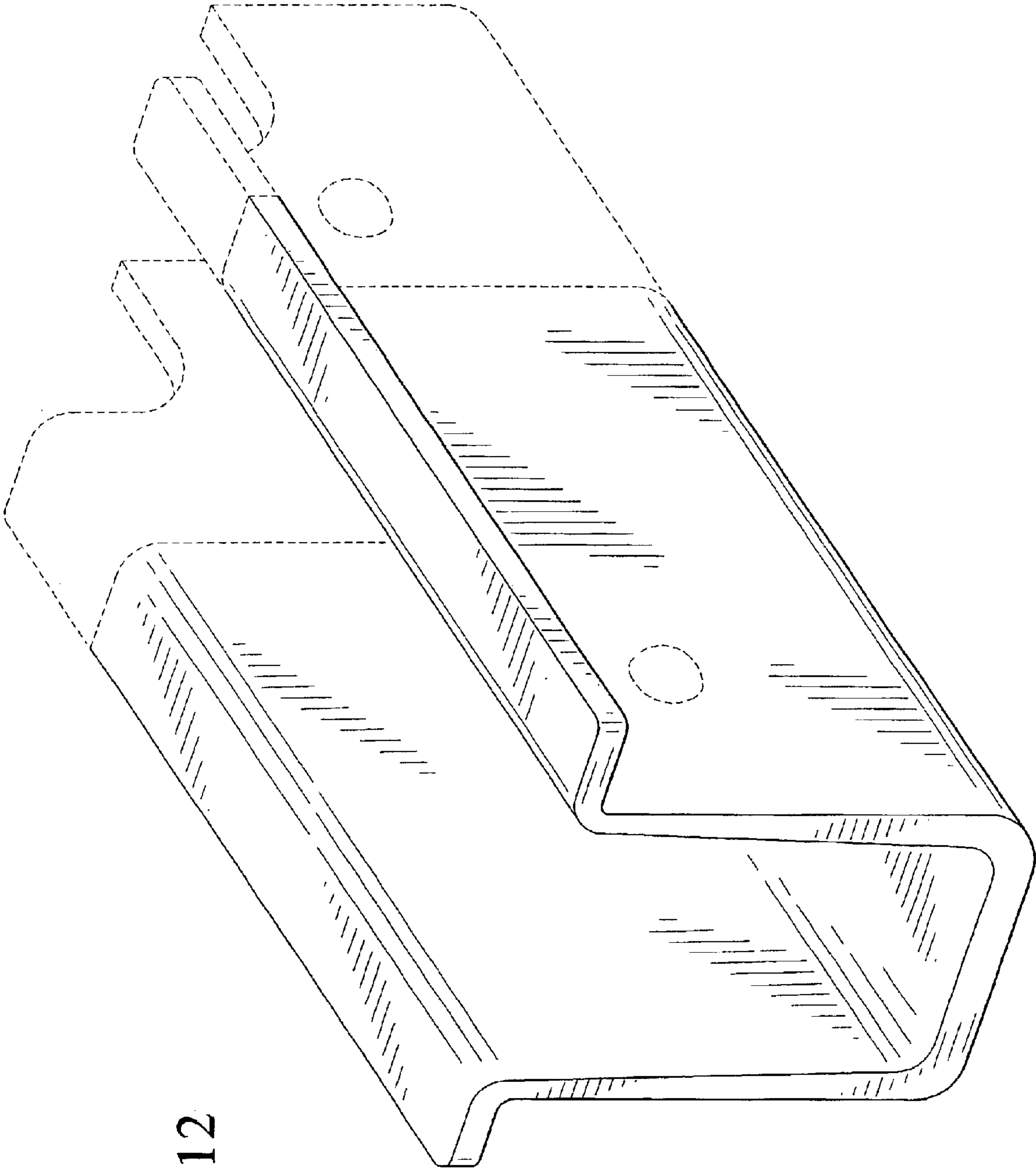


FIG.12

FIG. 13

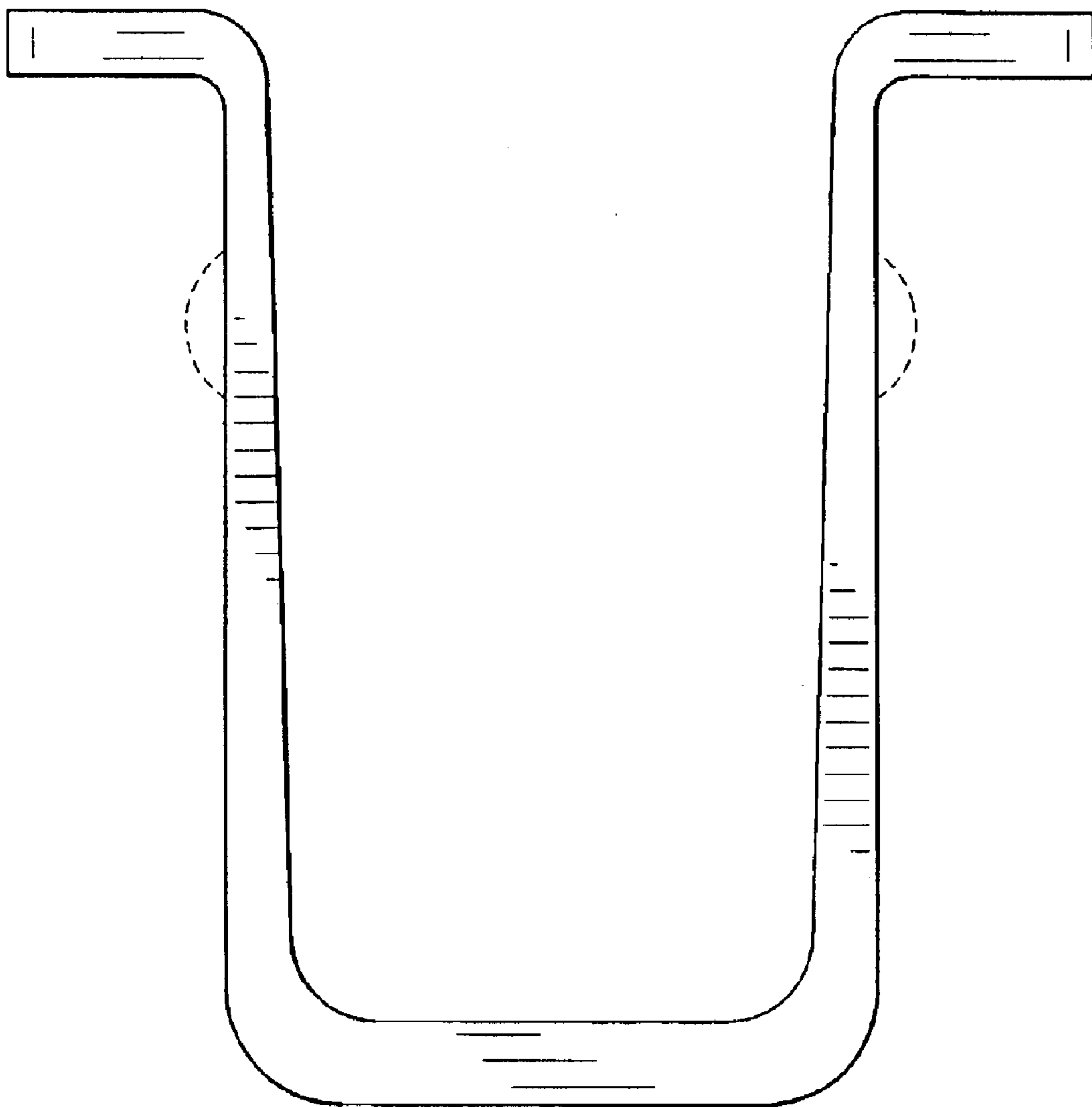
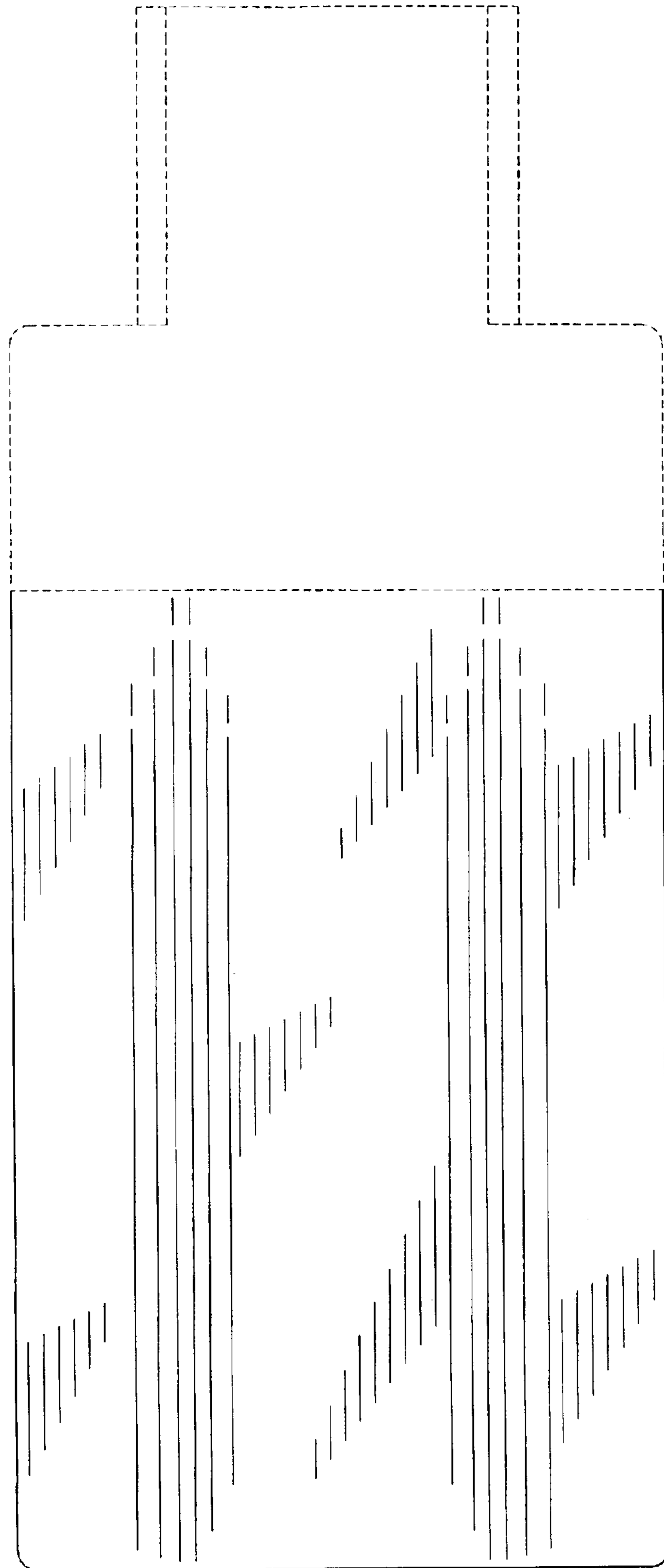


FIG.14



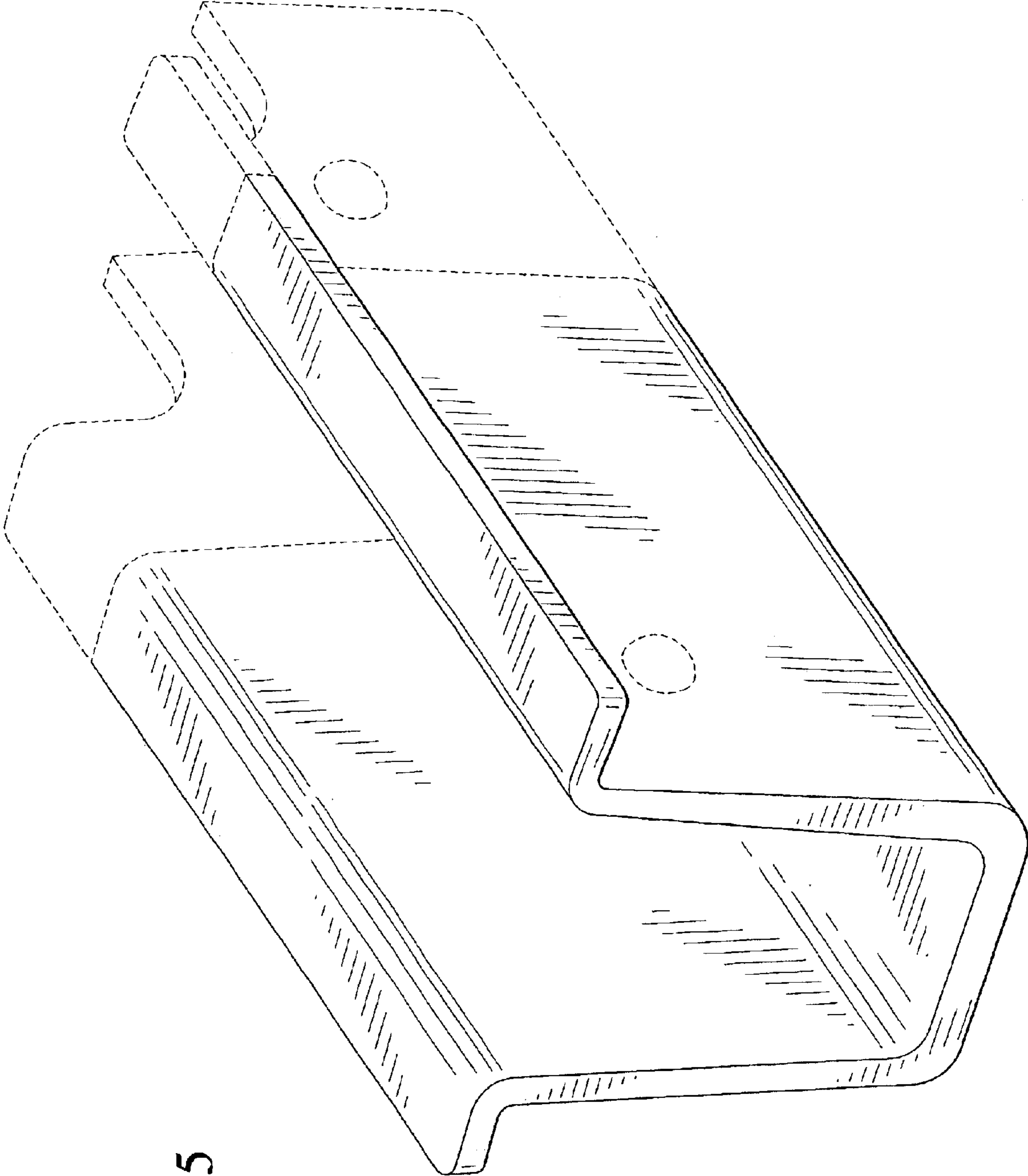


FIG. 15

FIG.16

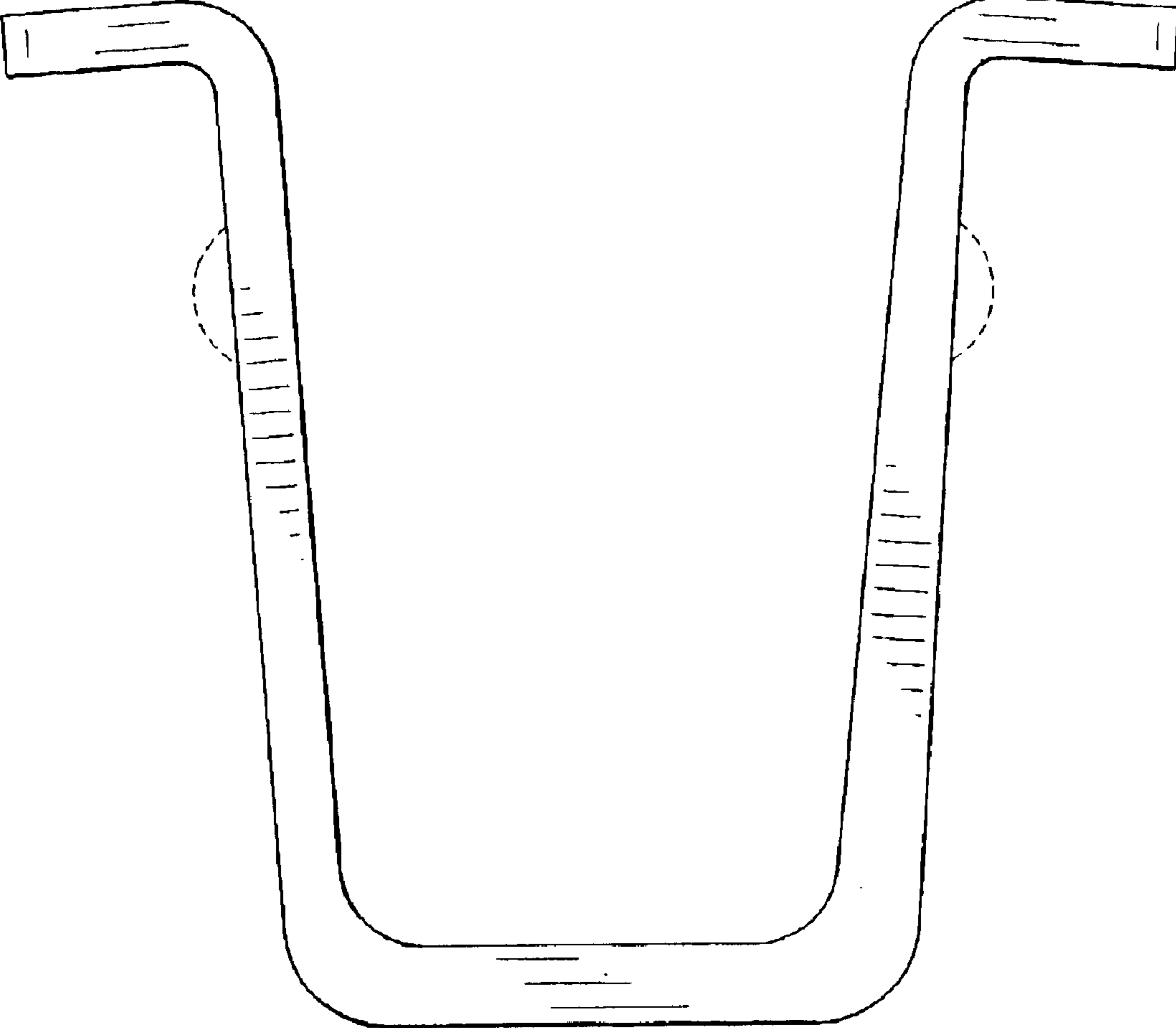
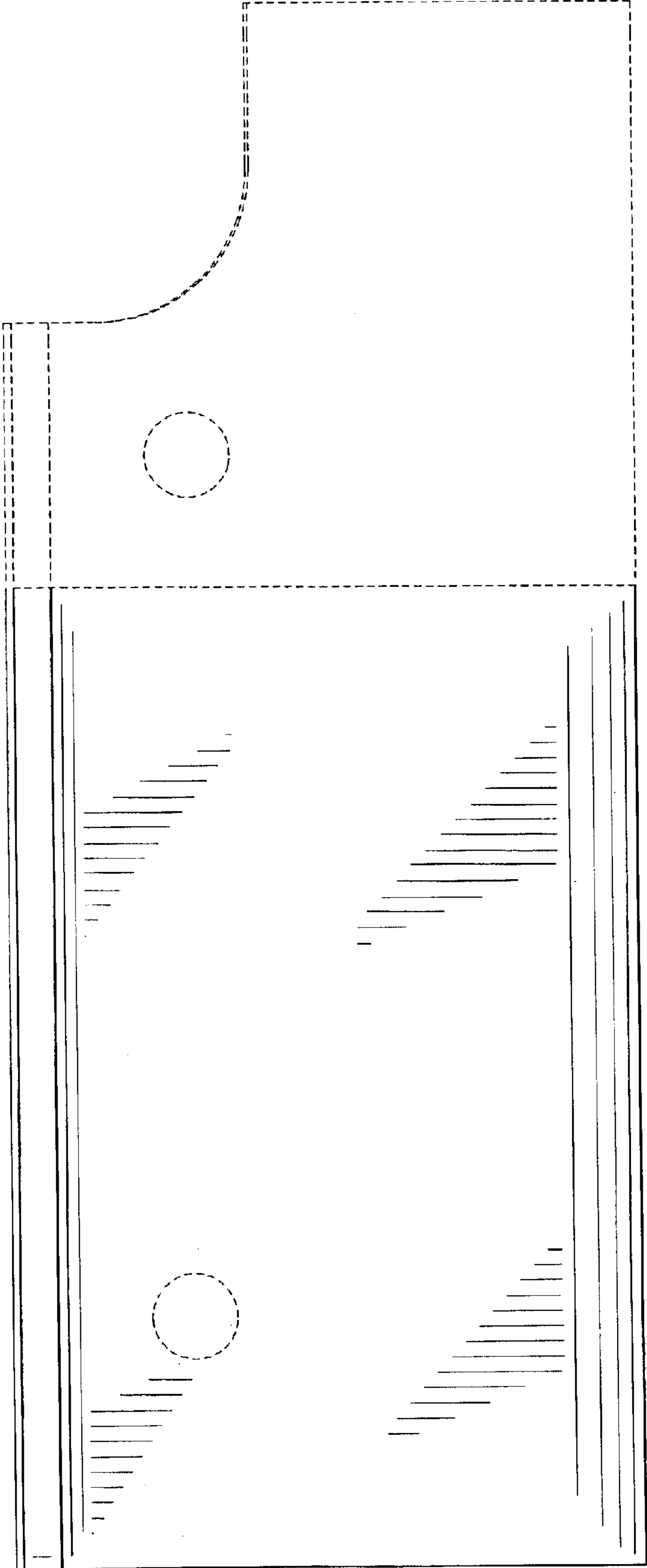


FIG.17



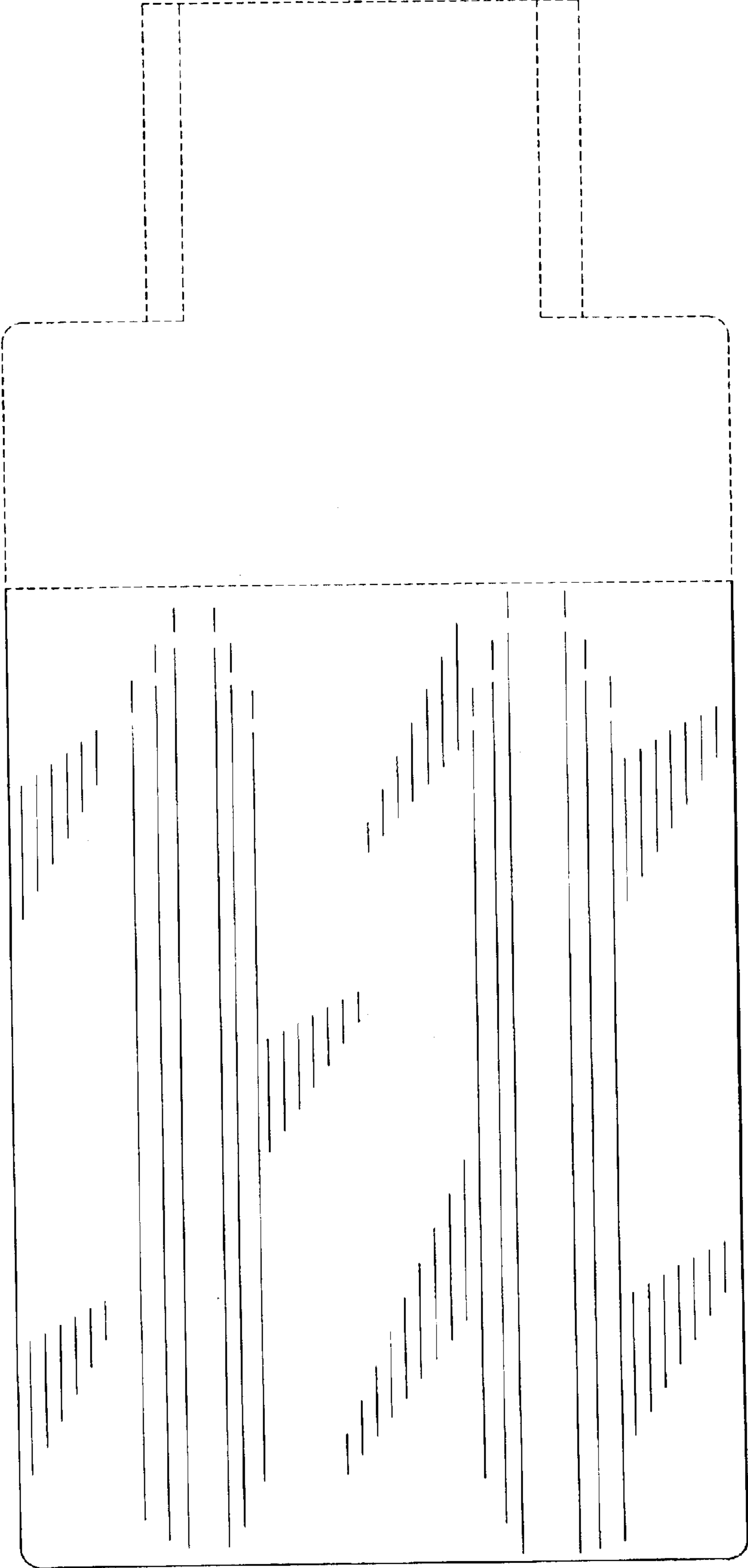


FIG.18

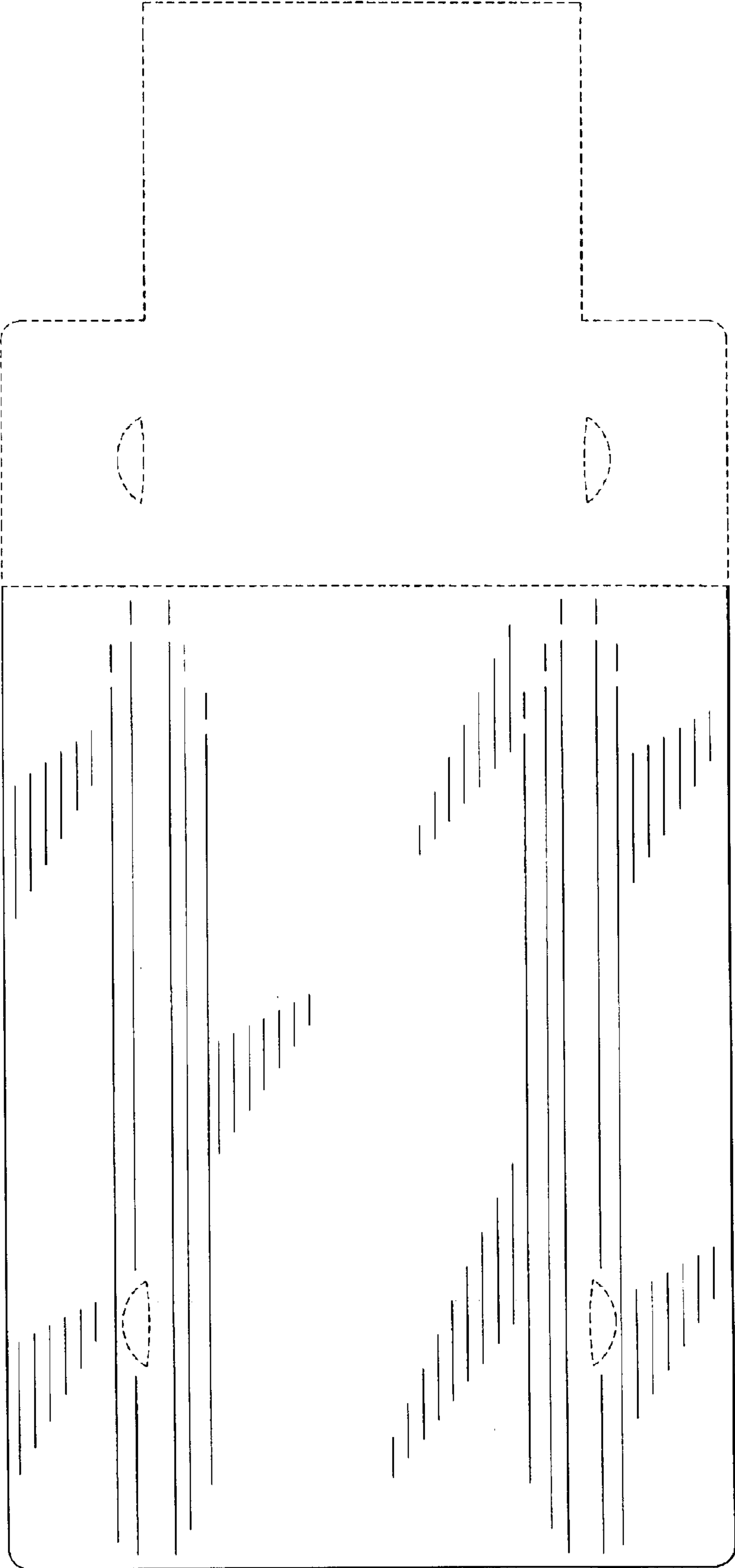


FIG. 19

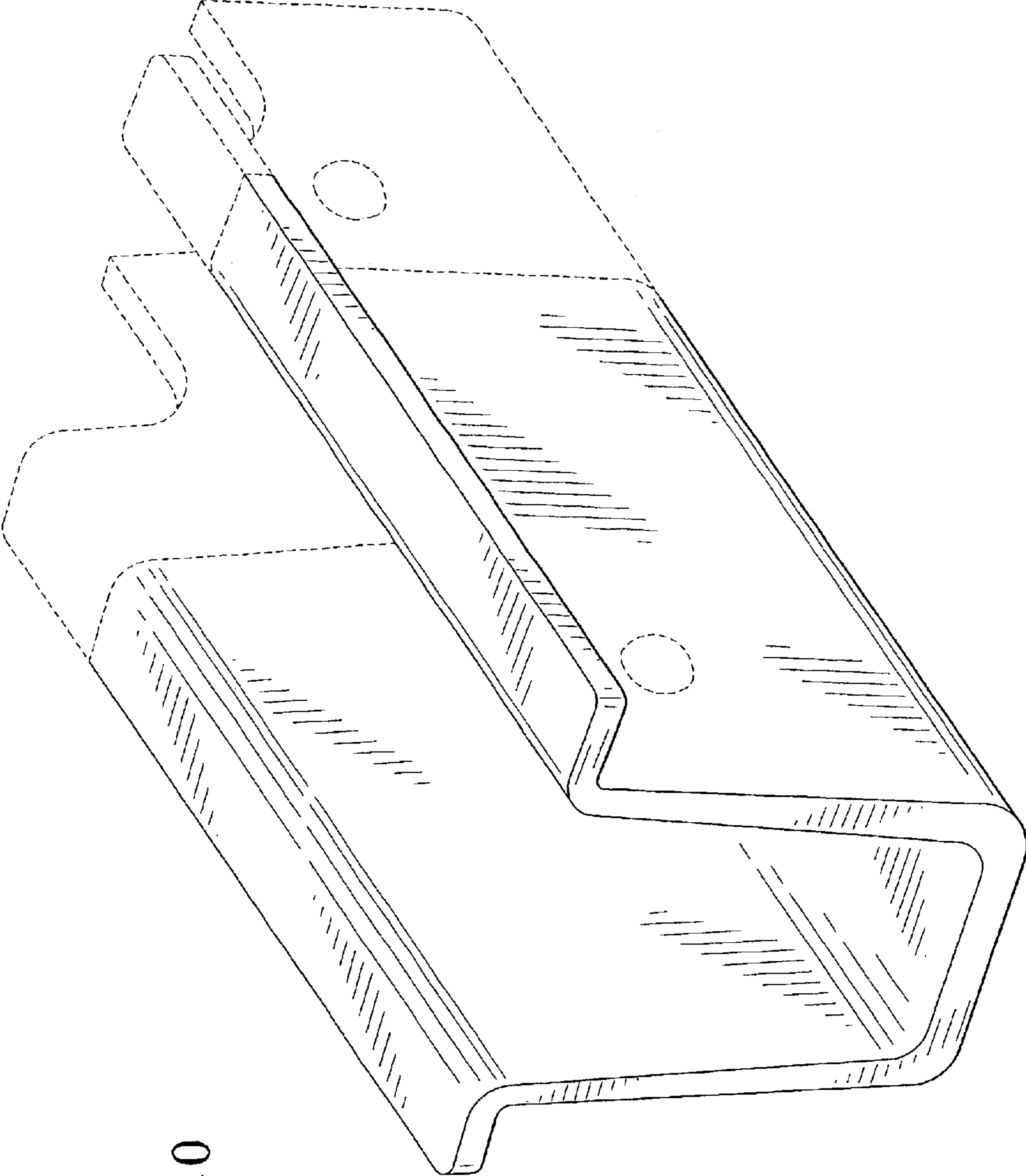


FIG. 20

FIG. 21

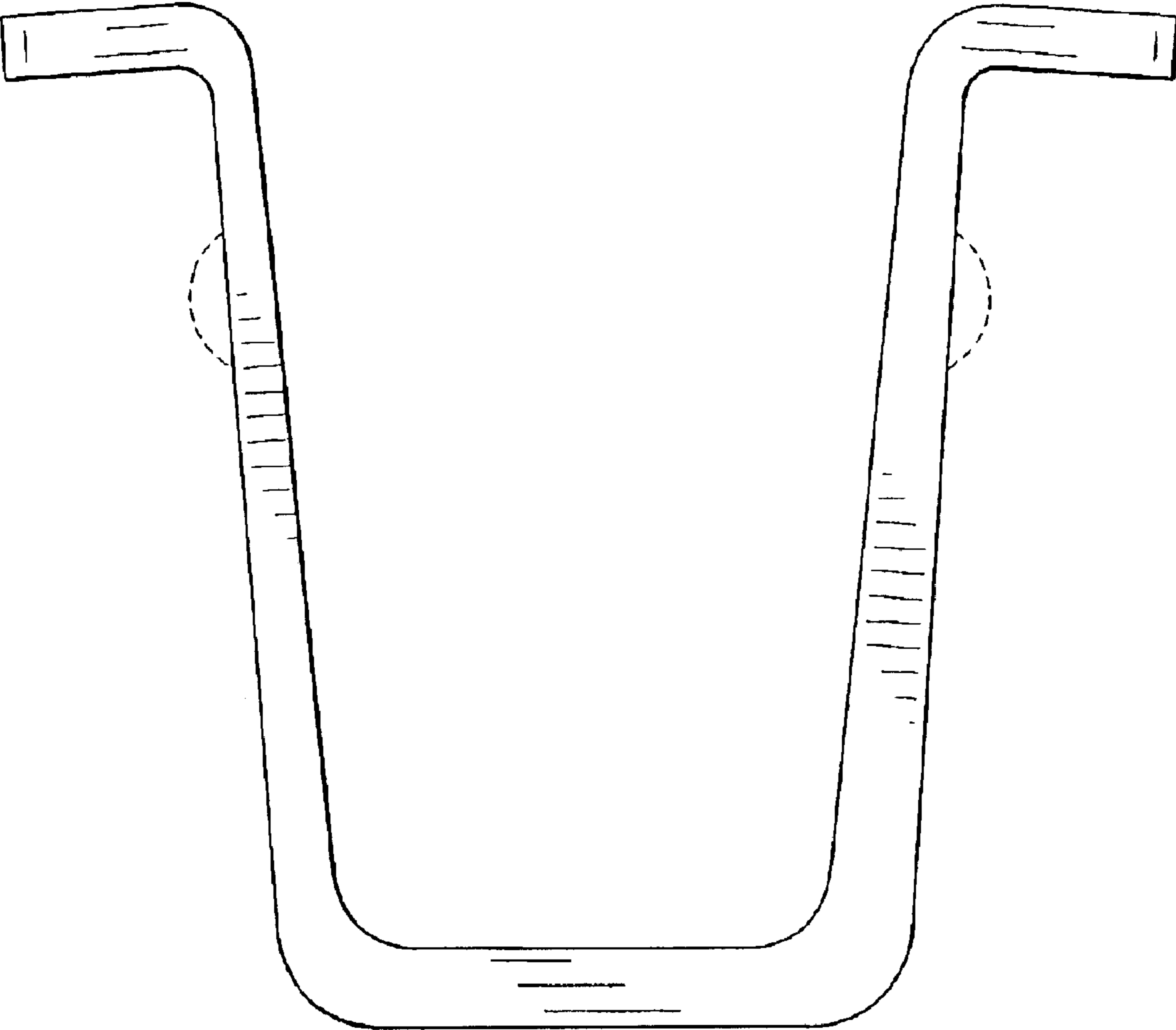
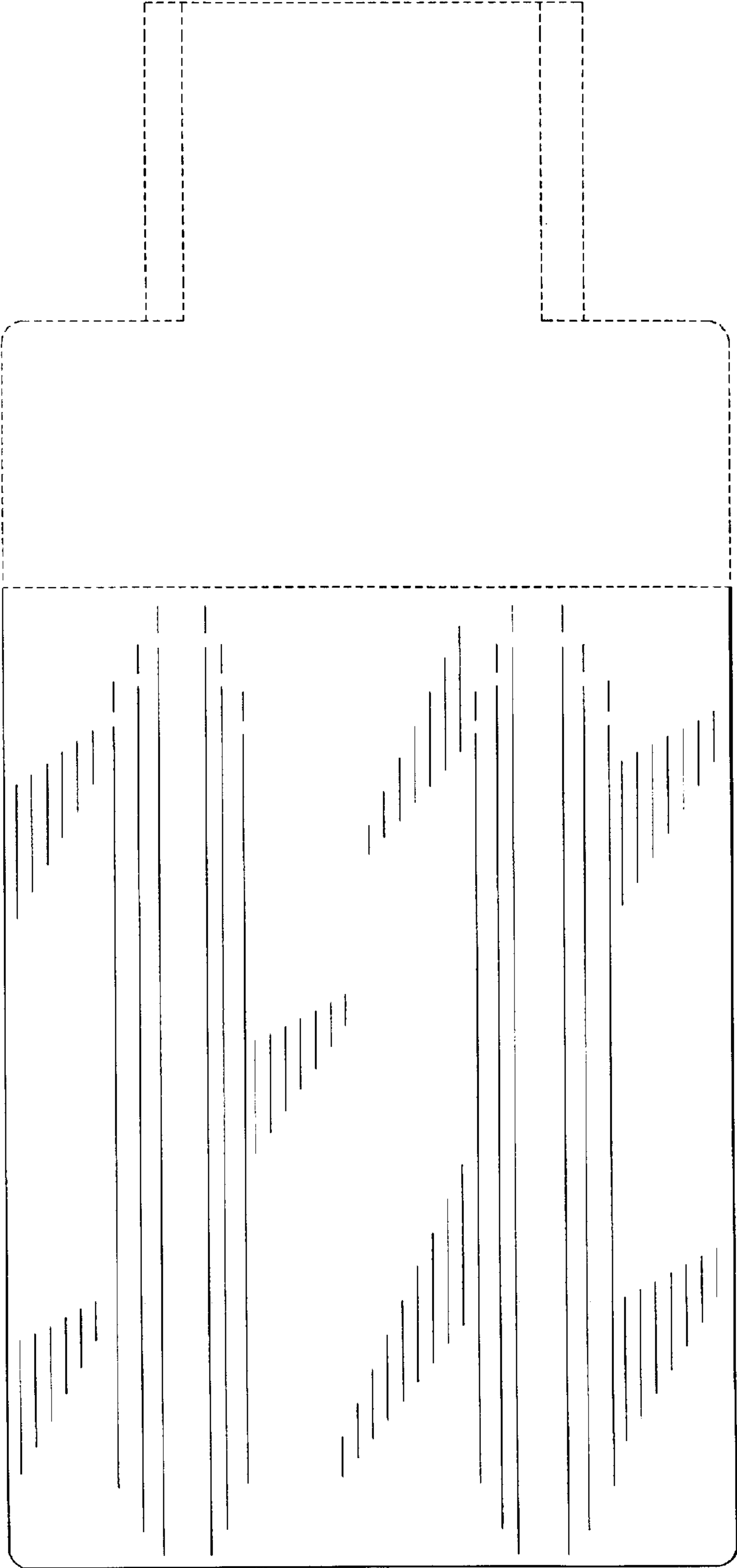


FIG. 22



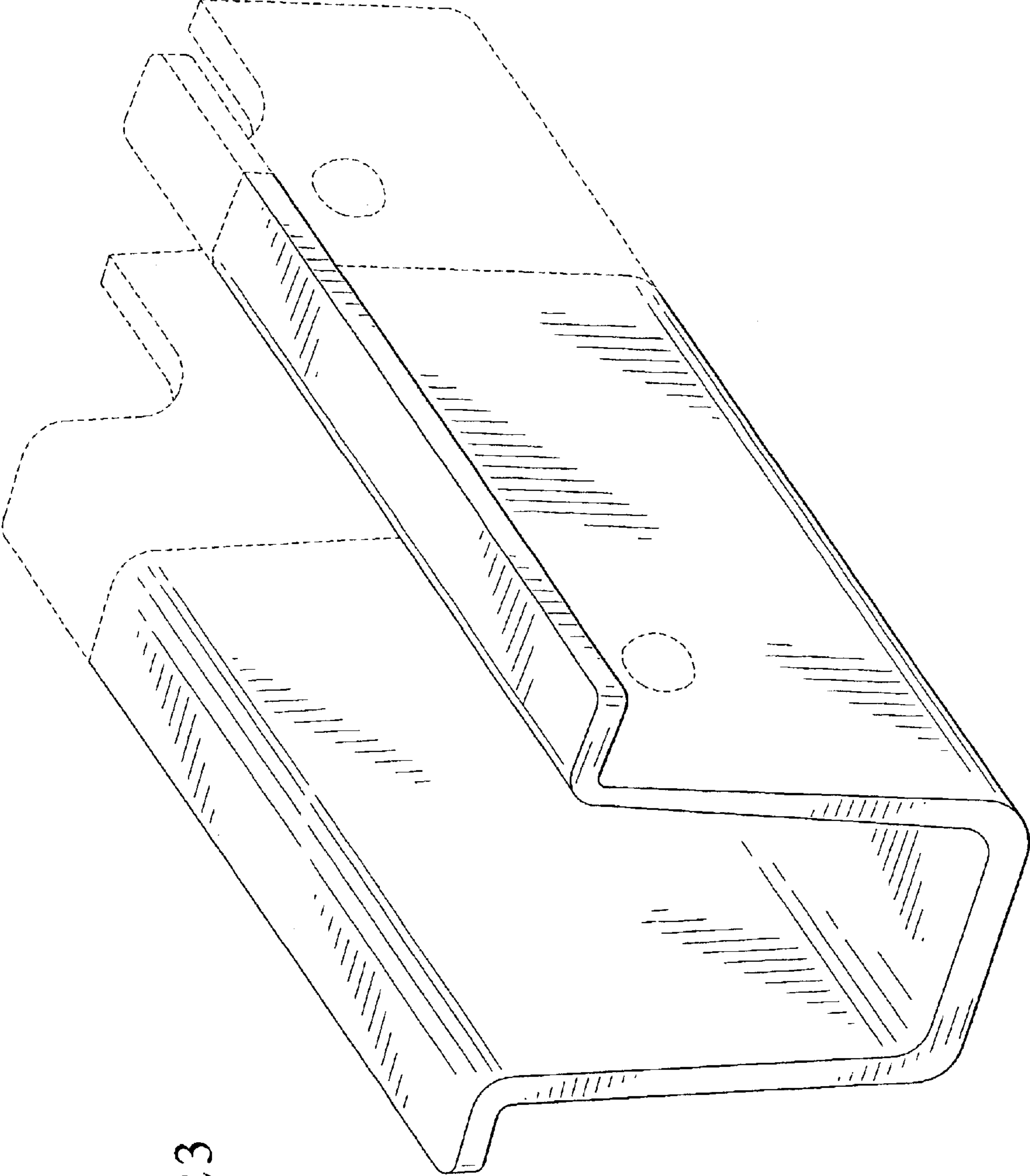


FIG. 23

FIG. 24

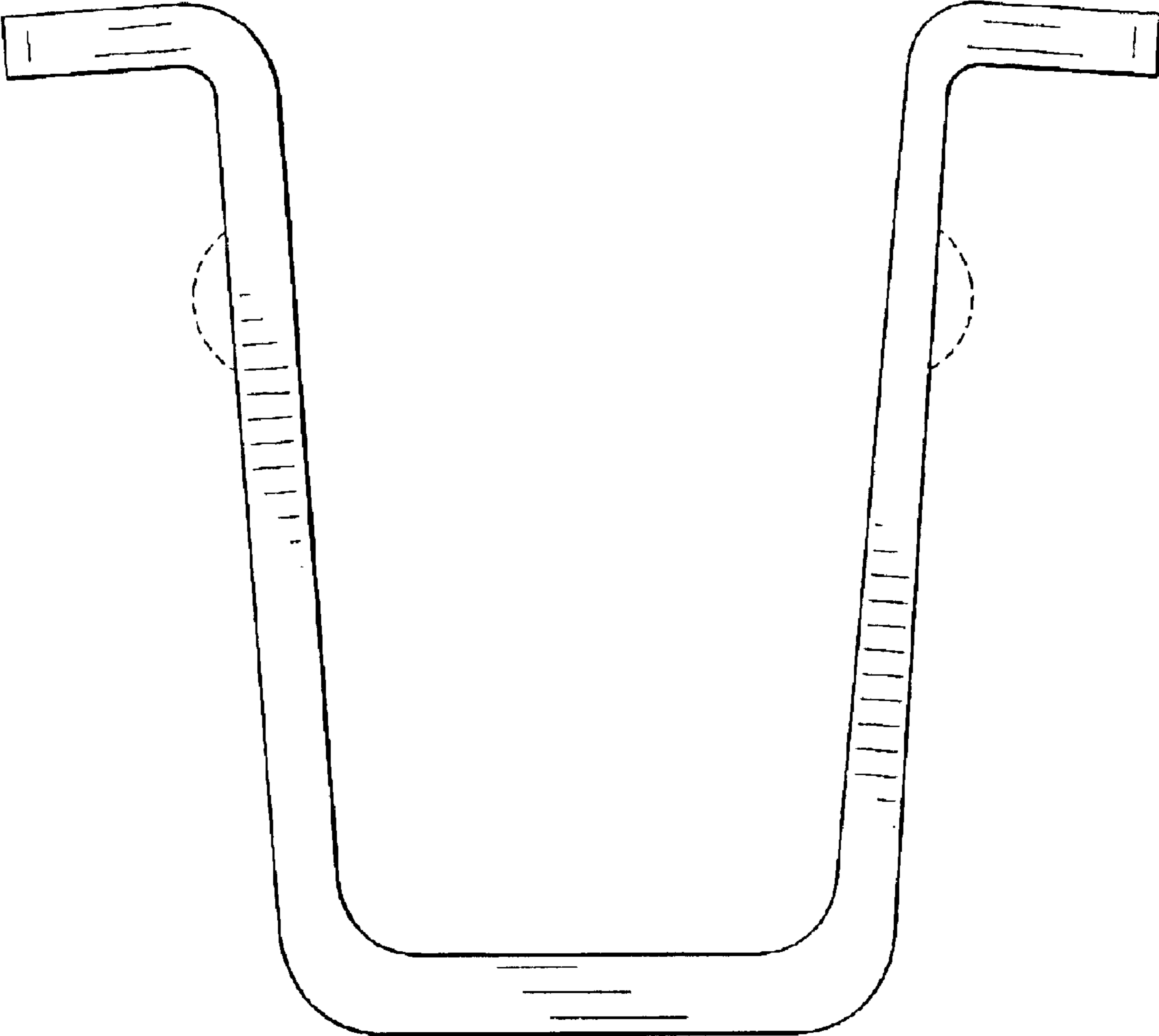
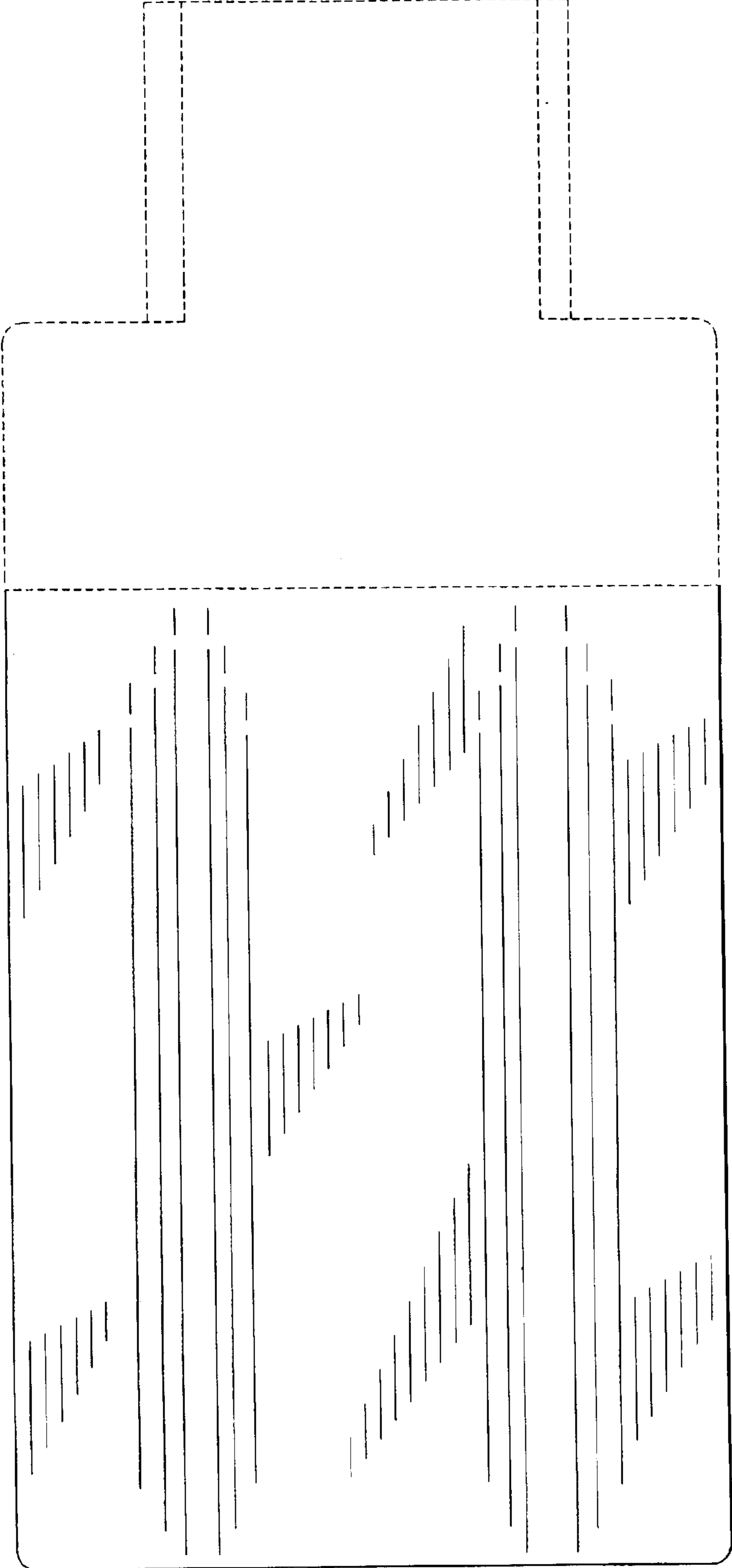


FIG. 25



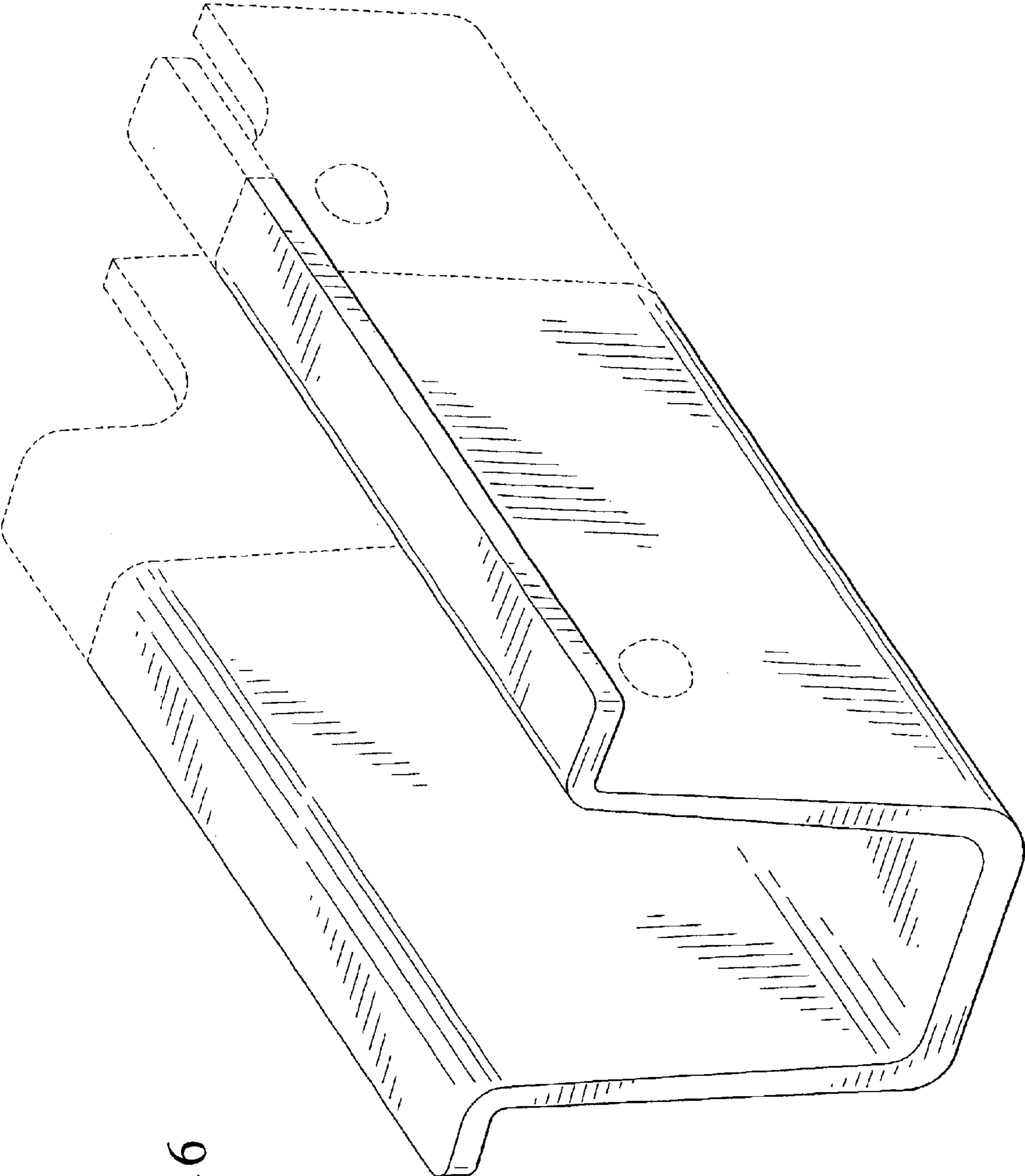


FIG. 26

FIG. 27

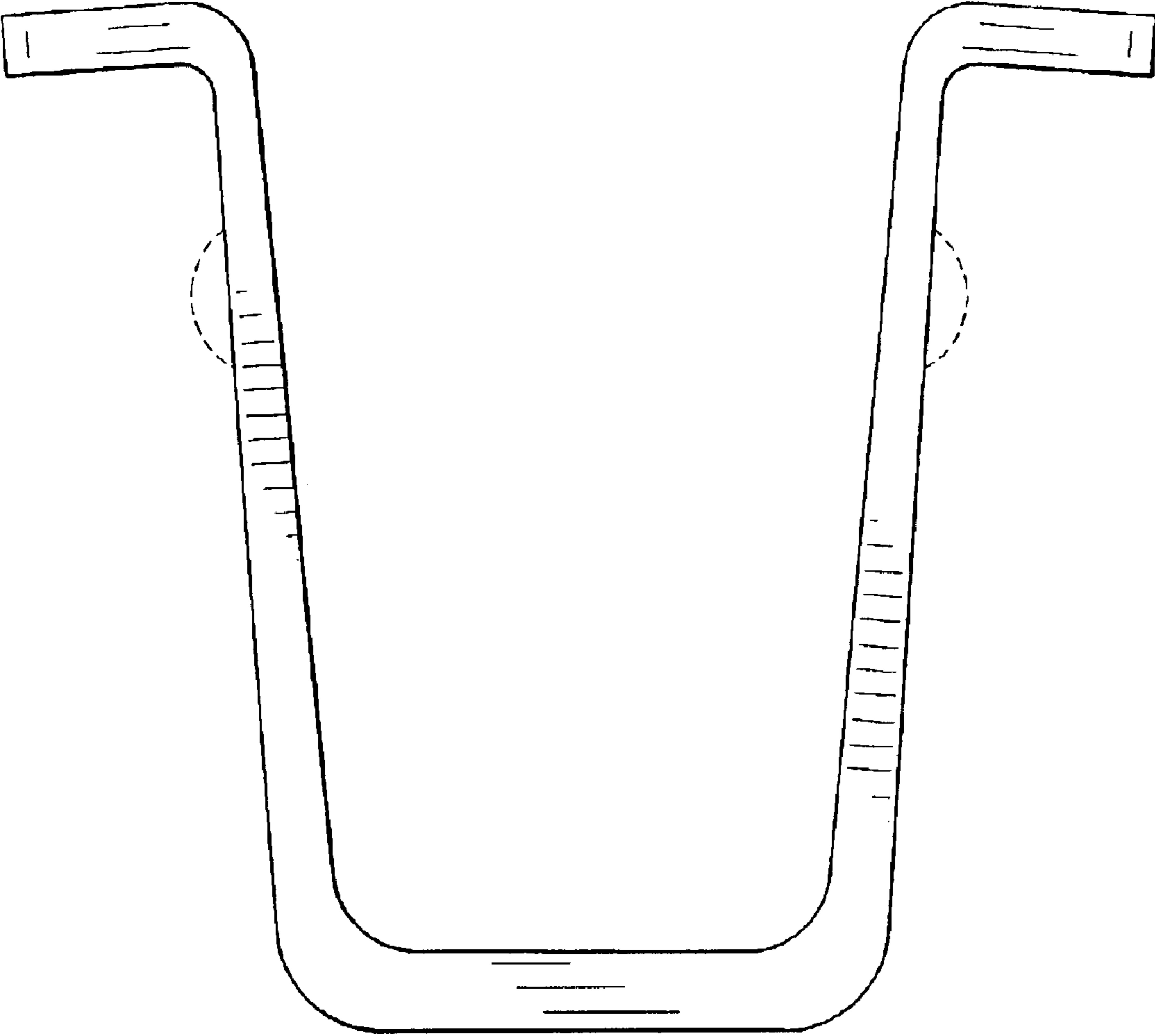


FIG. 28

