

US00D664652S

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

(10) **Patent No.:** **US D664,652 S**  
(45) **Date of Patent:** **\*\* Jul. 31, 2012**

(54) **atrium retractor**

(75) Inventor: **Rainer Hermle**, Gosheim (DE)

(73) Assignee: **Karl Storz GmbH & Co. KG** (DE)

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

(21) Appl. No.: **29/394,975**

(22) Filed: **Jun. 23, 2011**

(30) **Foreign Application Priority Data**

Dec. 23, 2010 (EM) ..... 001798331-0005

(51) **LOC (9) Cl.** ..... **24-02**

(52) **U.S. Cl.** ..... **D24/135**

(58) **Field of Classification Search** ..... D24/135;  
128/846; 600/201, 208

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

5,125,396	A *	6/1992	Ray	600/208
5,613,937	A *	3/1997	Garrison et al.	600/201
5,906,577	A *	5/1999	Beane et al.	600/207
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2011/0021879	A1 *	1/2011	Hart et al.	600/207
2011/0137128	A1 *	6/2011	Poo et al.	600/206
2011/0251461	A1 *	10/2011	Gomez Gonzalez et al.	600/201

**OTHER PUBLICATIONS**

Geister Brochure; ValveGate—Minimally Invasive Valve Surgery; 8 pages (specifically p. 6); Geister 2009.

\* cited by examiner

*Primary Examiner* — Bridget L Eland

(74) *Attorney, Agent, or Firm* — St. Onge Steward Johnston & Reens LLC

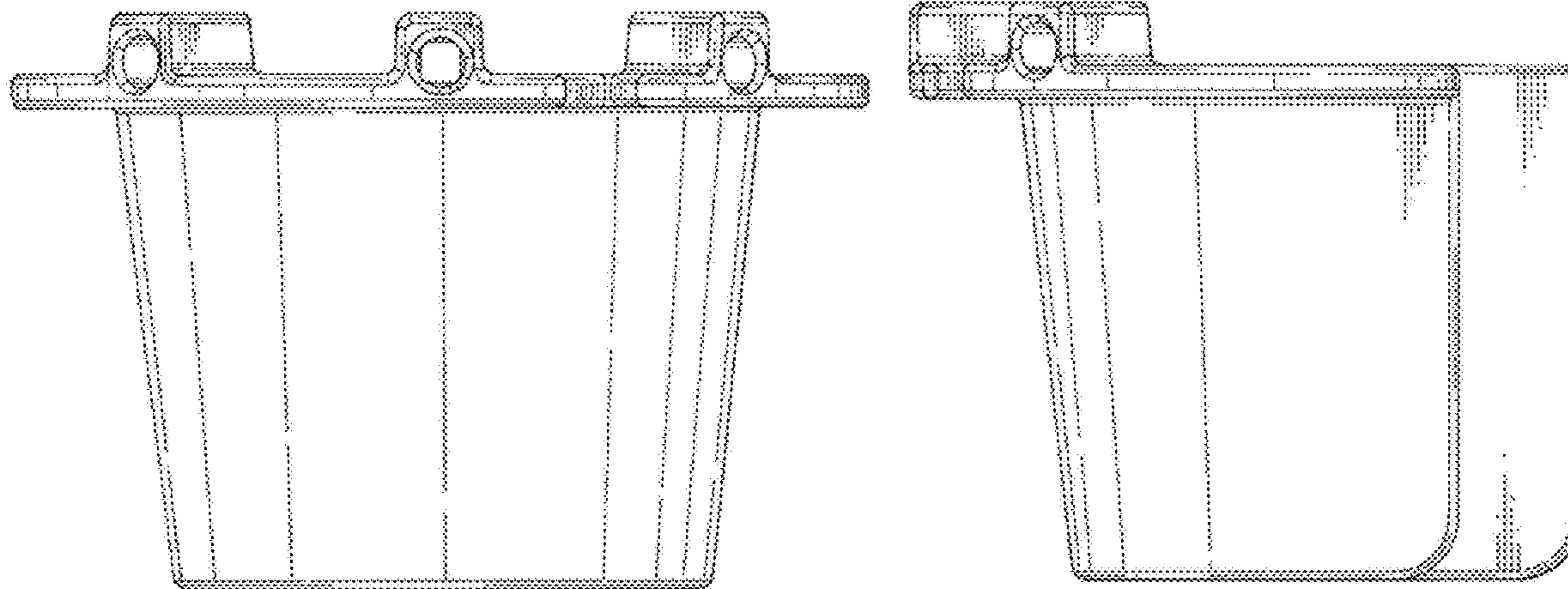
(57) **CLAIM**

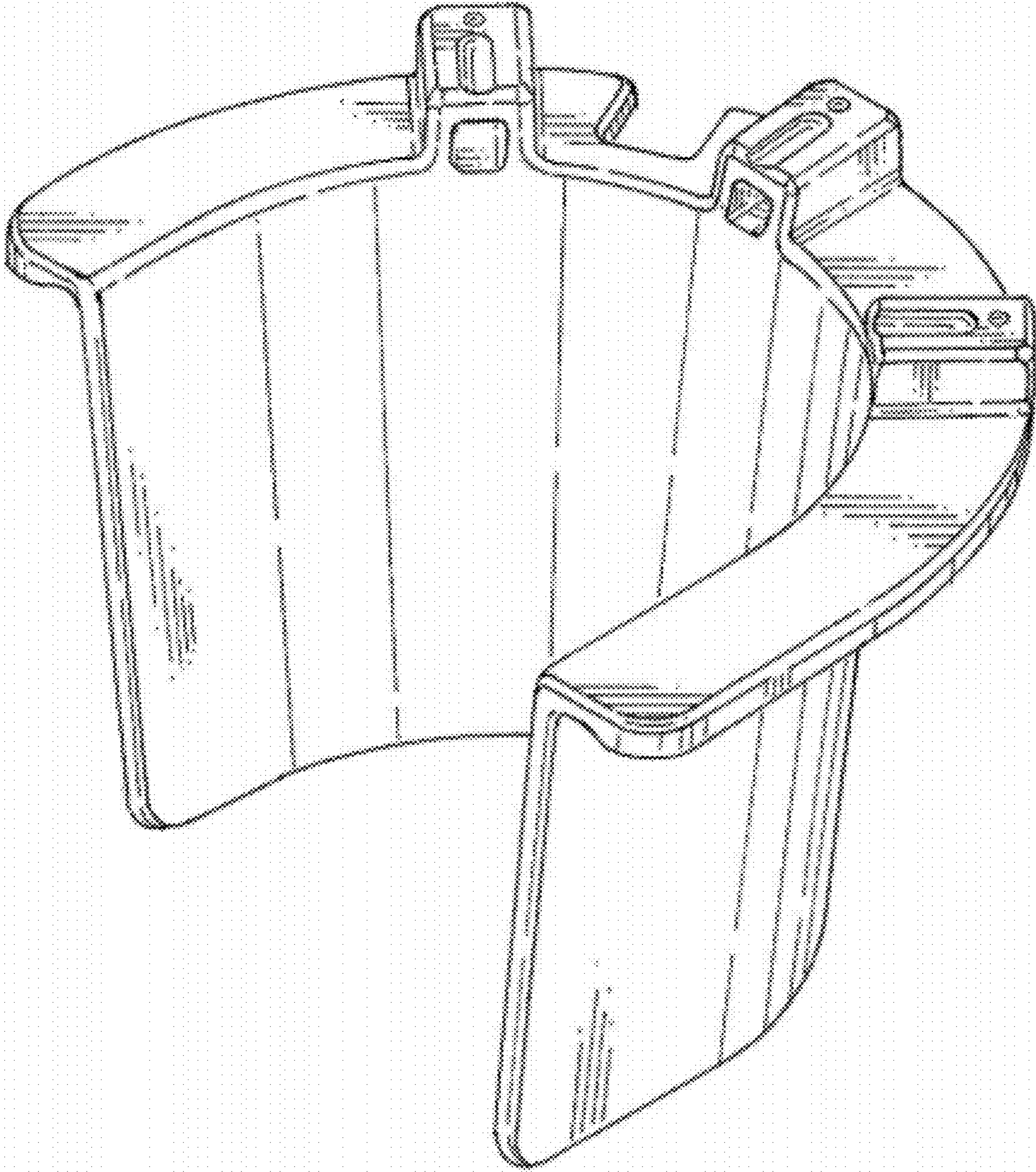
The ornamental design for an atrium retractor, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of an atrium retractor in accordance with the new design;  
FIG. 2 is a front elevation view thereof;  
FIG. 3 is a rear elevation view thereof;  
FIG. 4 is a right side elevation view thereof;  
FIG. 5 is a left side elevation view thereof;  
FIG. 6 is a top plan view thereof; and,  
FIG. 7 is a bottom plan view thereof.

**1 Claim, 7 Drawing Sheets**





*FIG. 1*



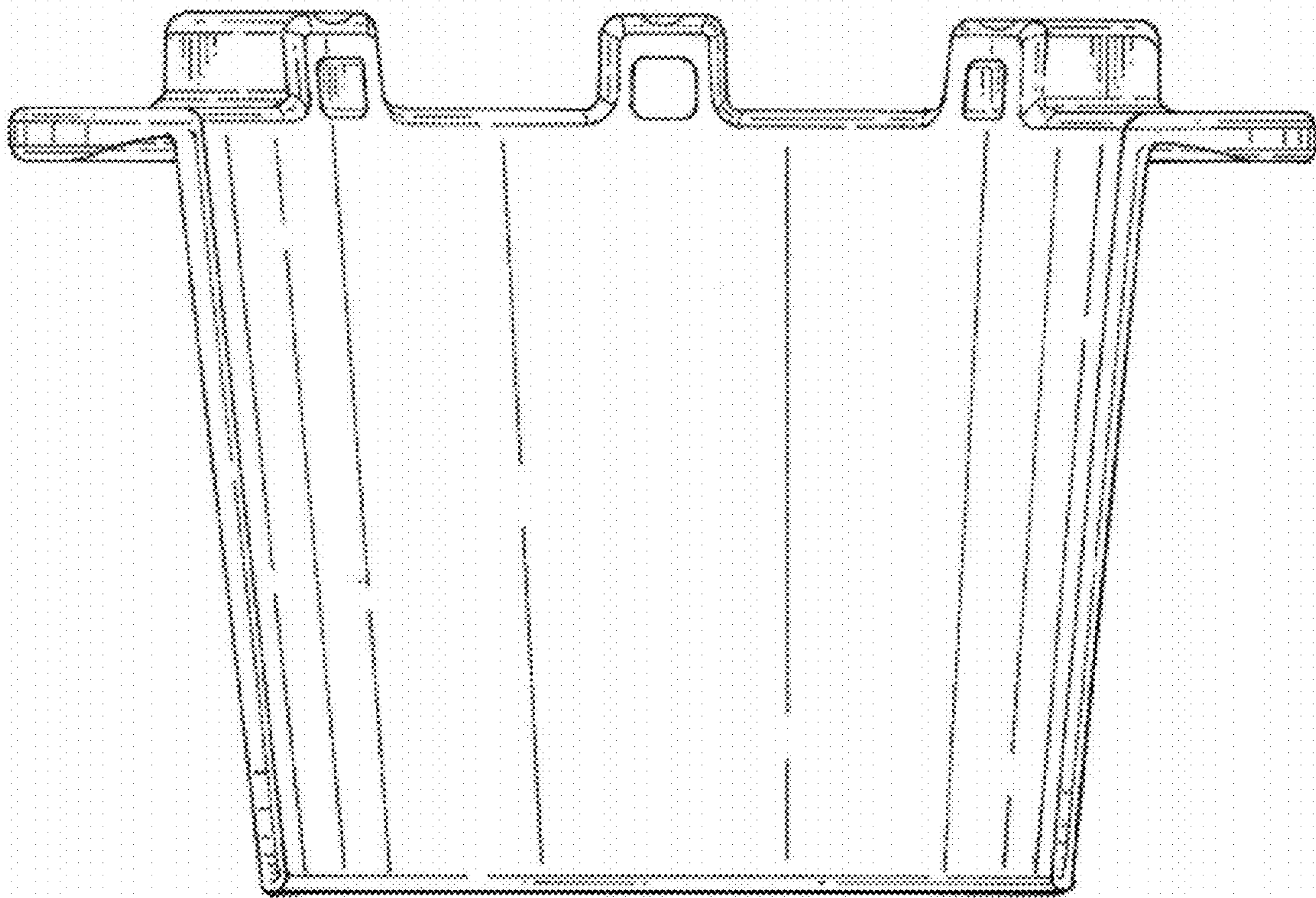


FIG. 2

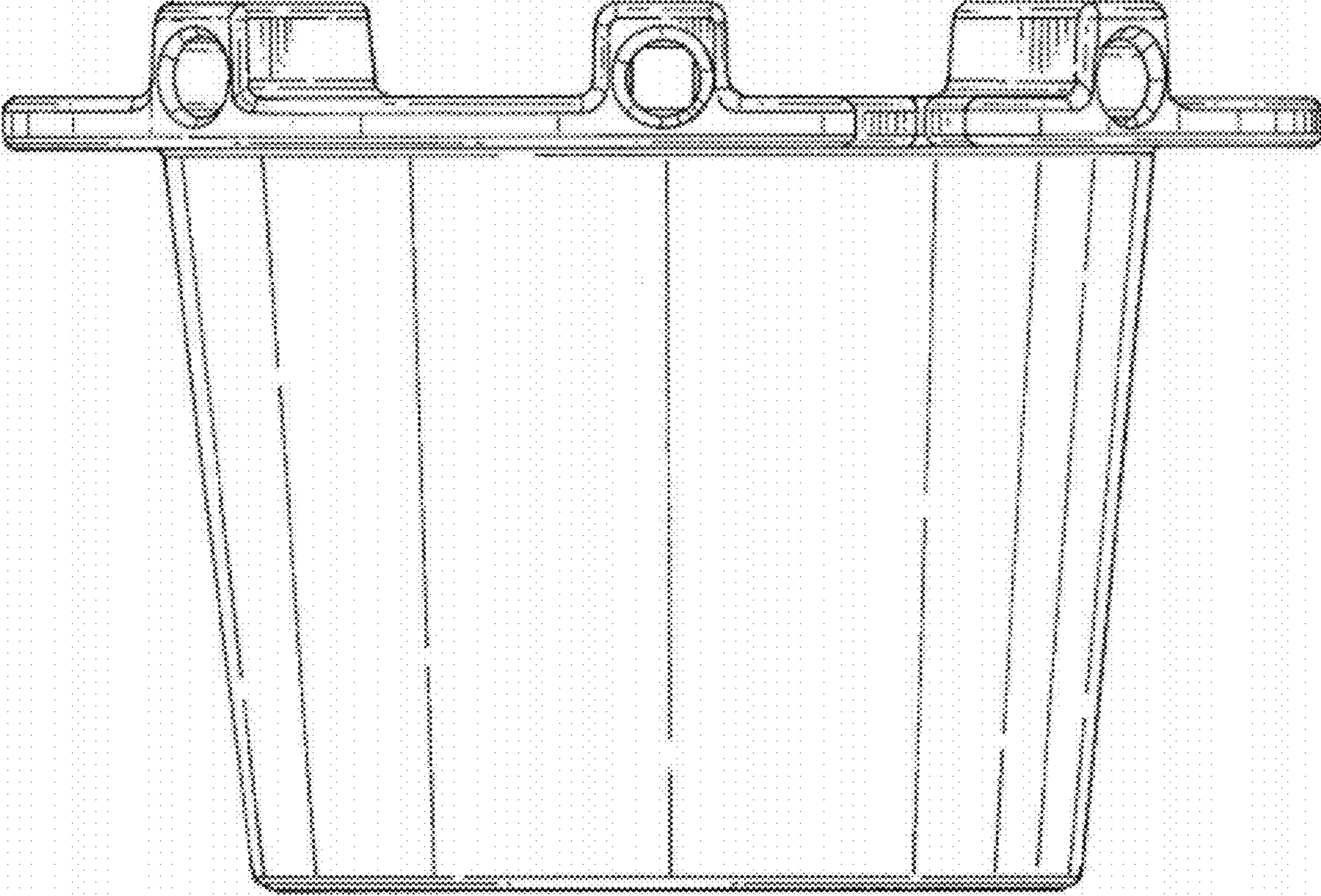


FIG. 3

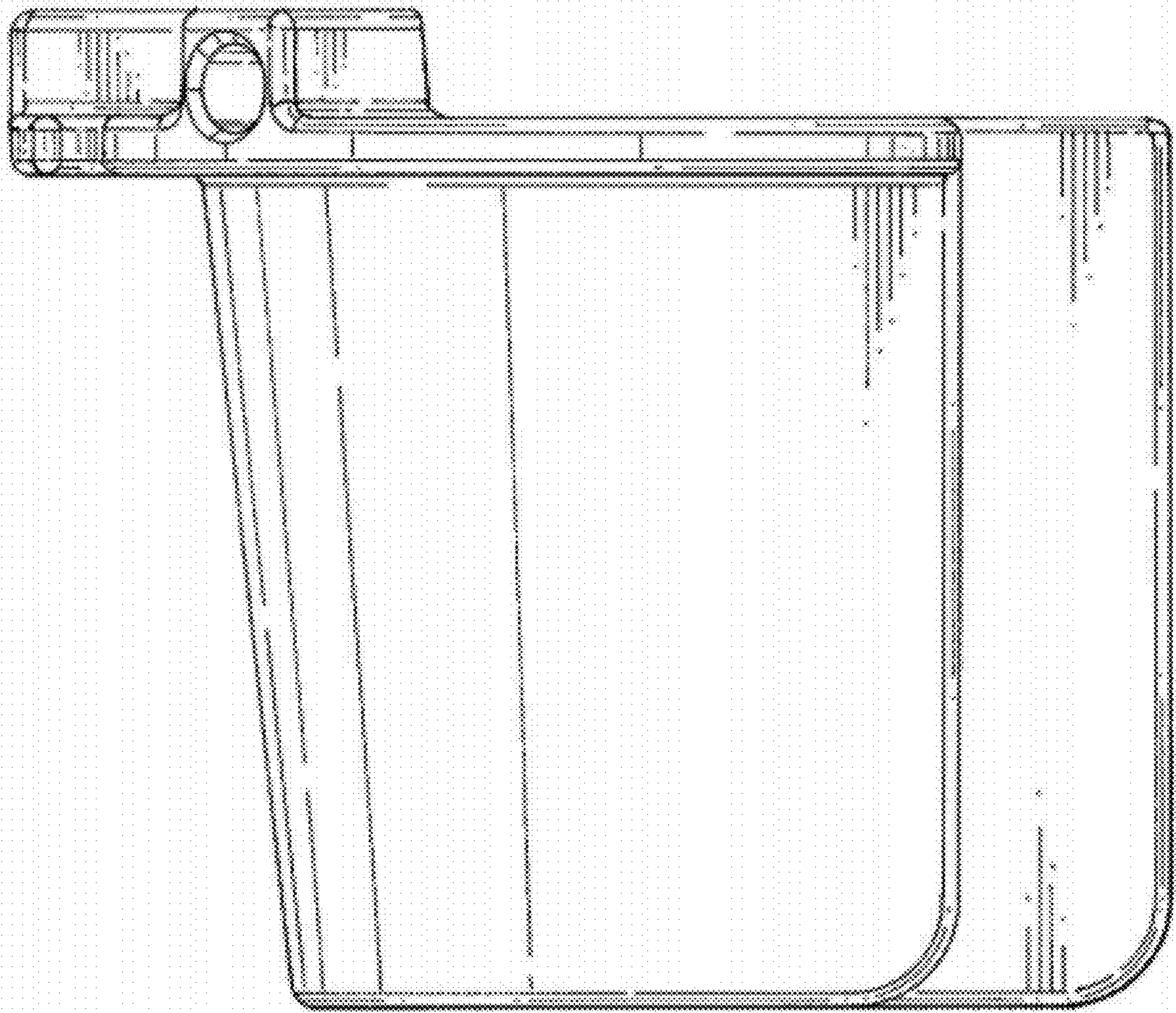
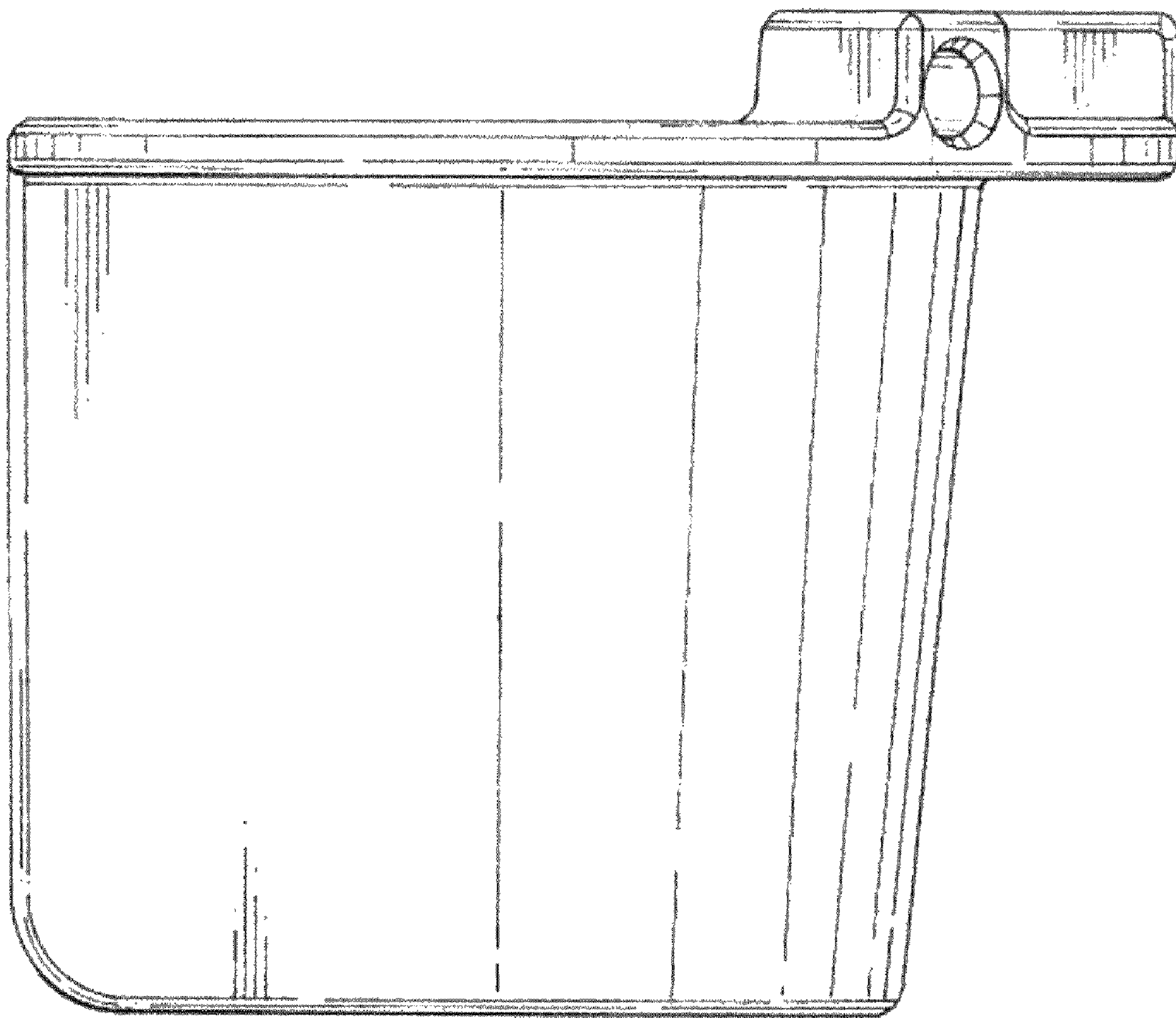


FIG. 4





*FIG. 5*

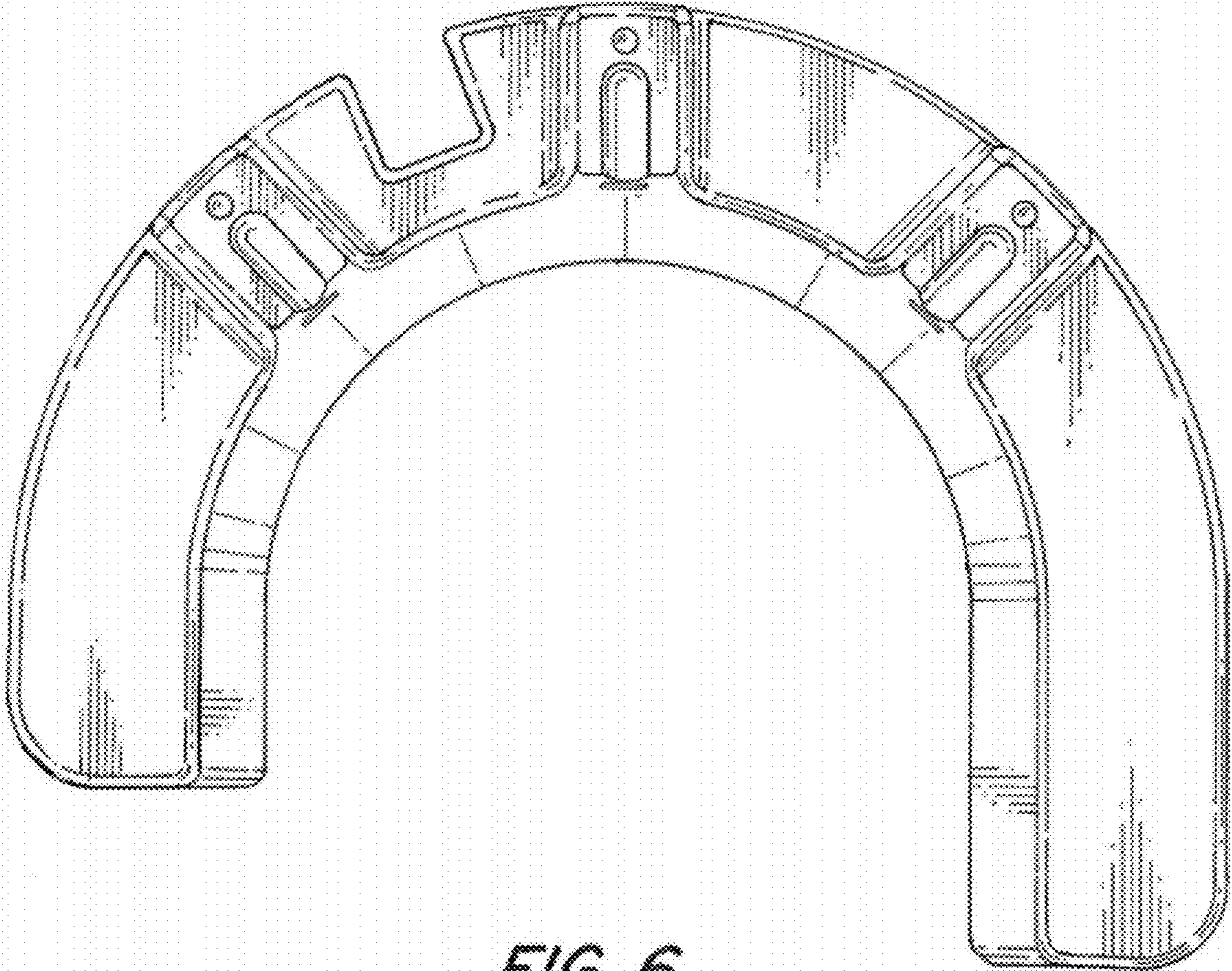


FIG. 6

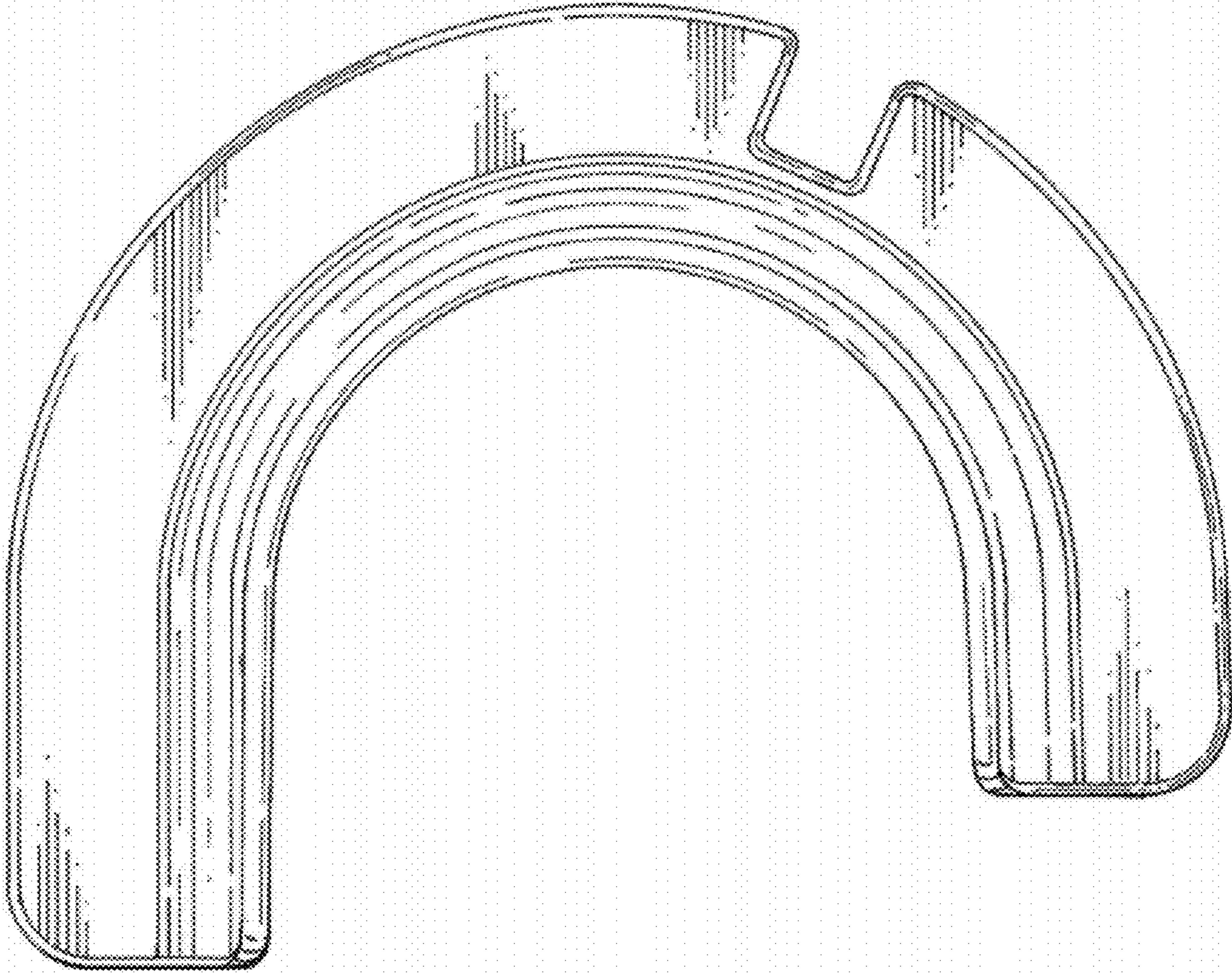


FIG. 7



UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : D664,652 S  
APPLICATION NO. : 29/394975  
DATED : July 31, 2012  
INVENTOR(S) : Rainer Hermle

Page 1 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

The Title Page, showing an illustrative Figure, should be deleted and substitute therefor the attached Title Page.

In the Drawings

Delete Drawing Sheets 1-7, and substitute therefor the Drawing Sheets, consisting of Figs. 1-7, as shown on the attached pages.

Signed and Sealed this  
Twenty-second Day of October, 2013



Teresa Stanek Rea  
*Deputy Director of the United States Patent and Trademark Office*

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

(10) **Patent No.:** **US D664,652 S**

(45) **Date of Patent:** **\*\* Jul. 31, 2012**

(54) **ATRIUM RETRACTOR**

(75) **Inventor:** **Rainer Hermle, Gosheim (DE)**

(73) **Assignee:** **Karl Storz GmbH & Co. KG (DE)**

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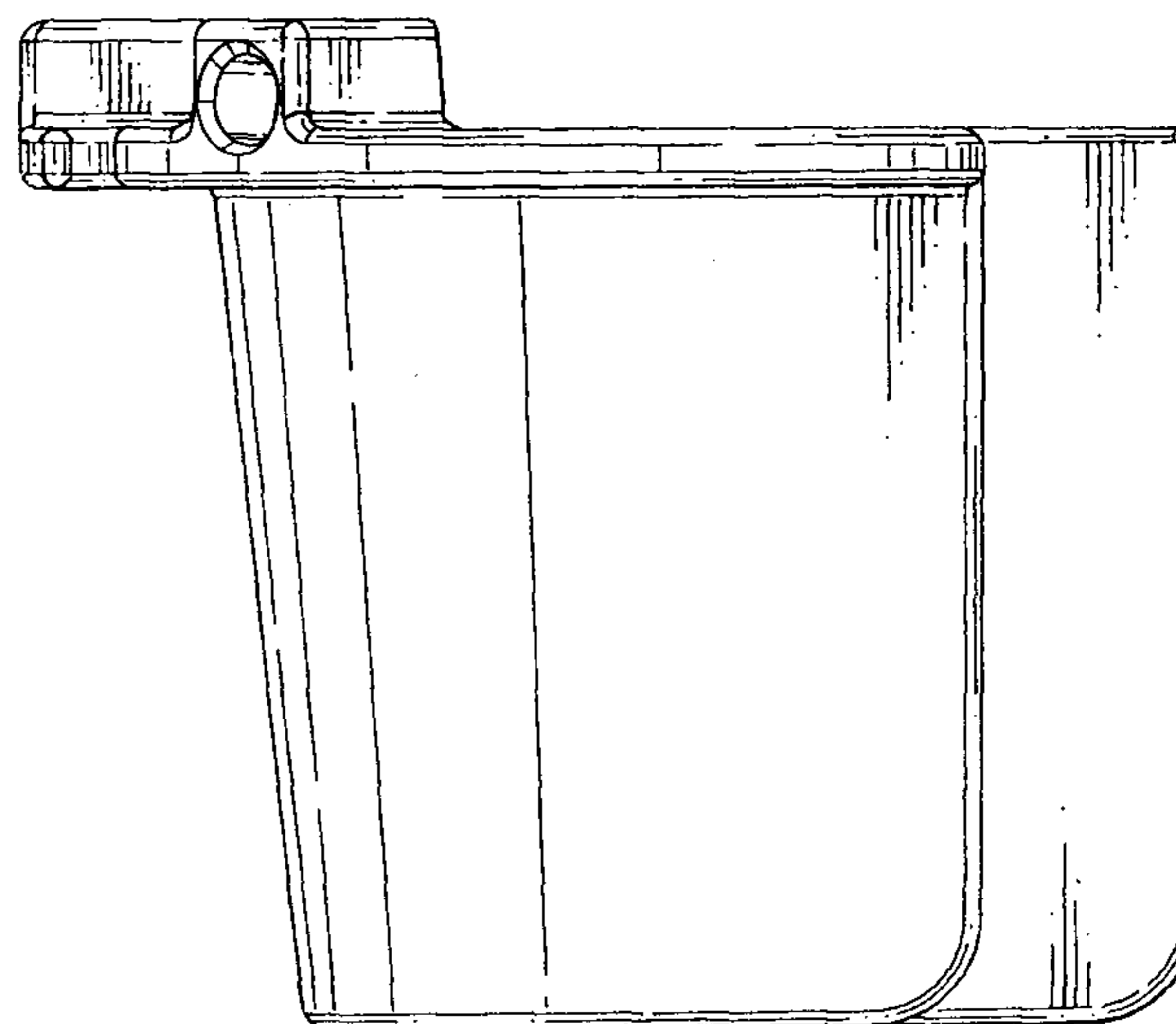
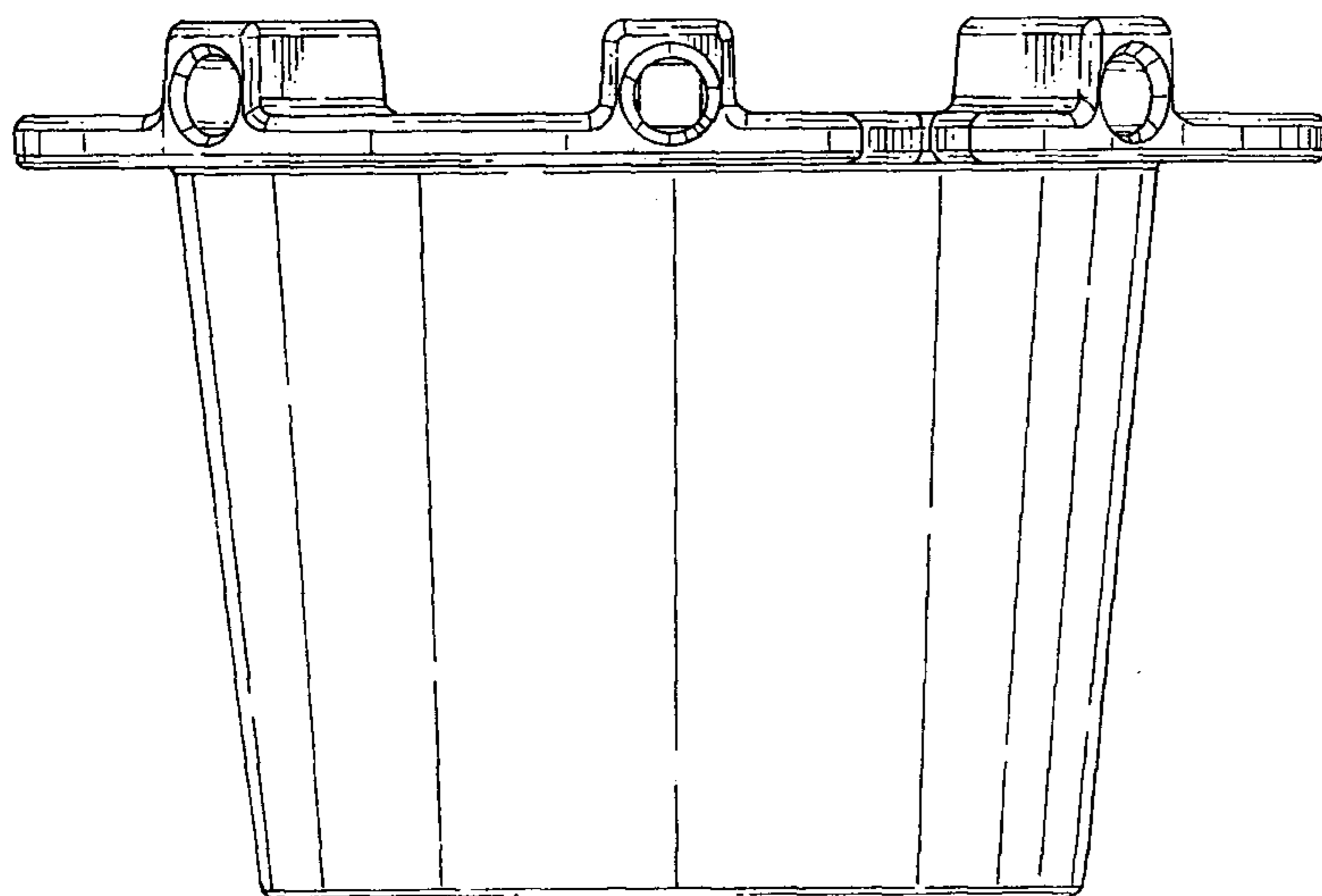
(57) **CLAIM**

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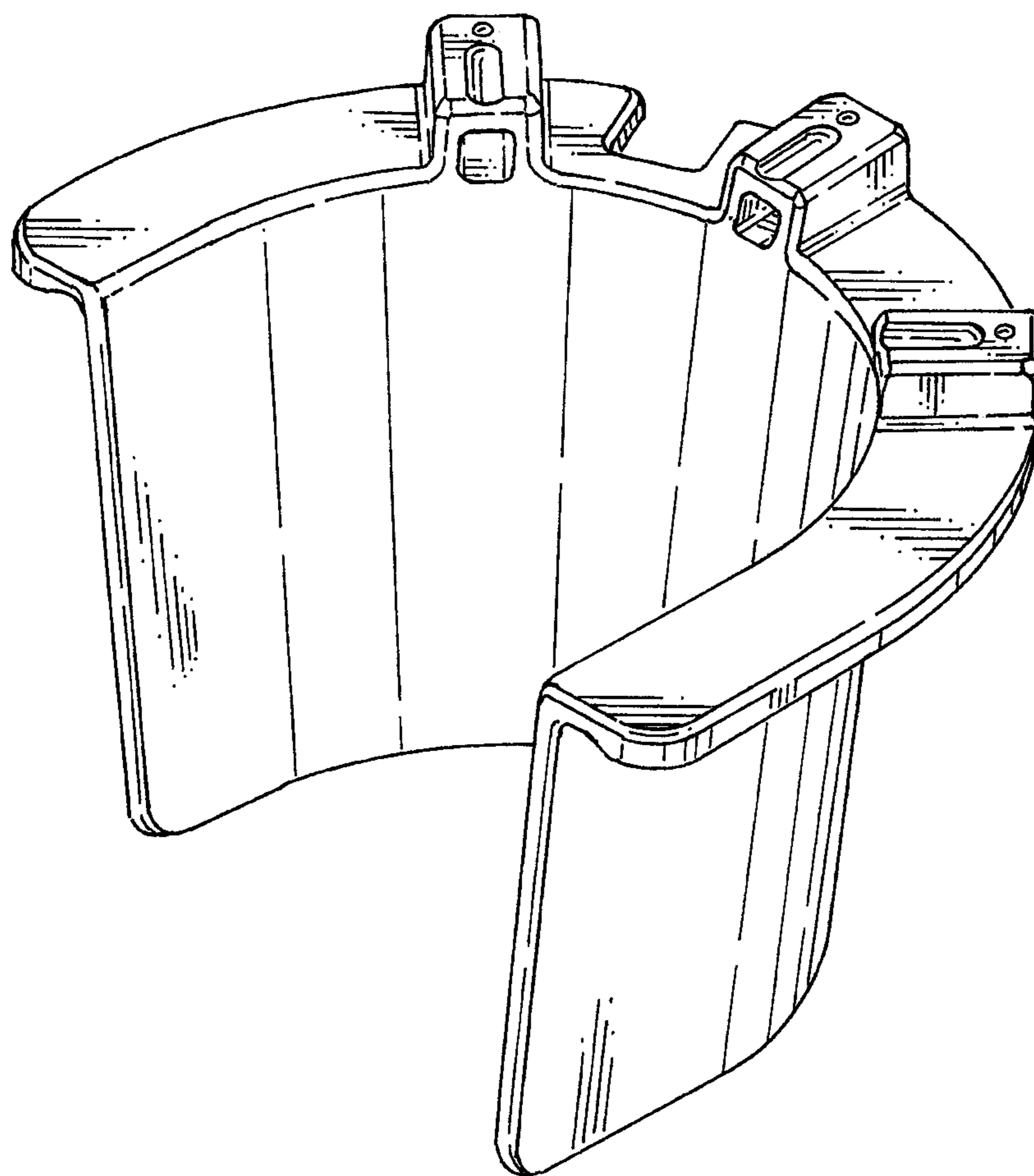
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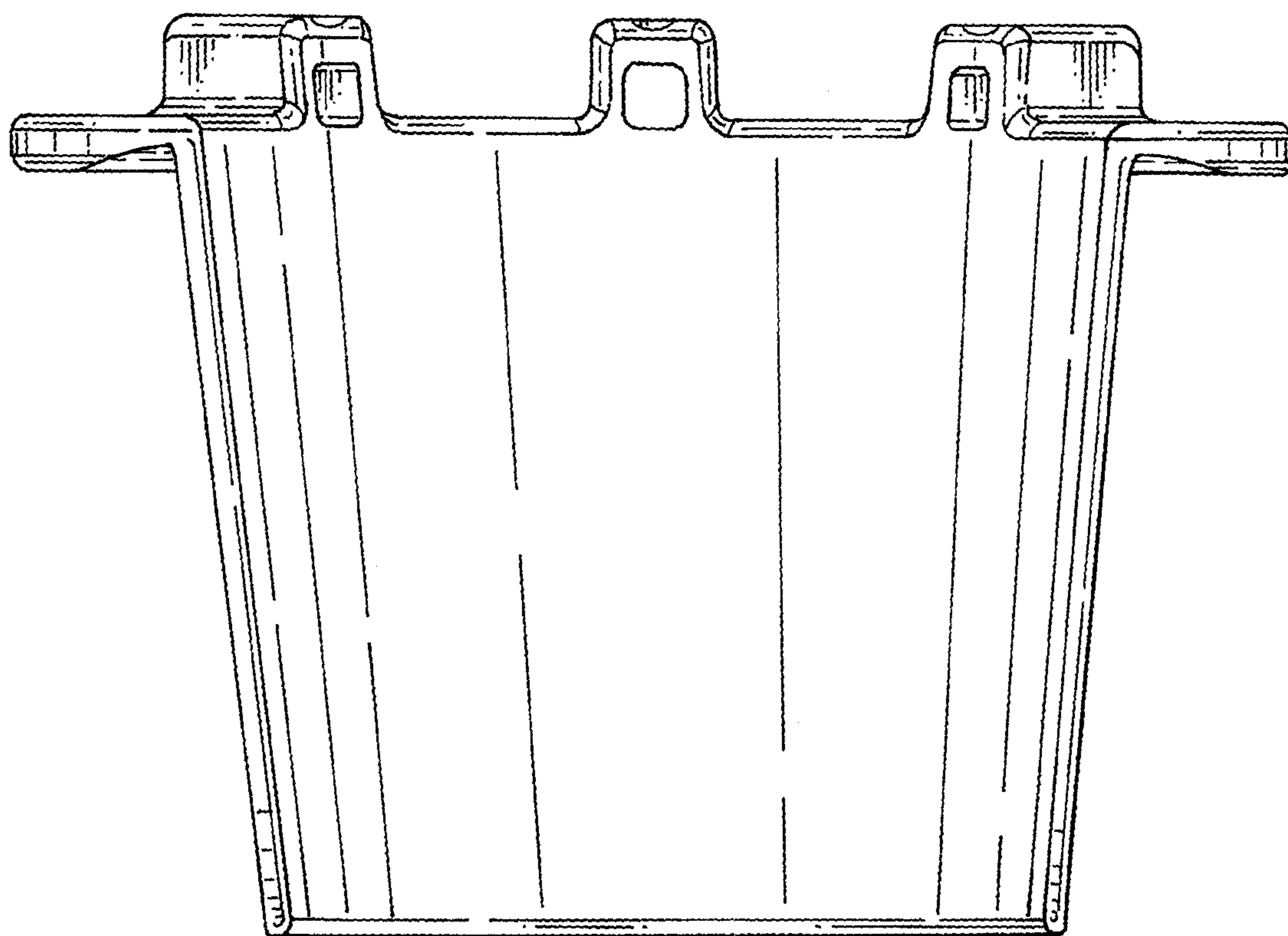
**1 Claim, 7 Drawing Sheets**





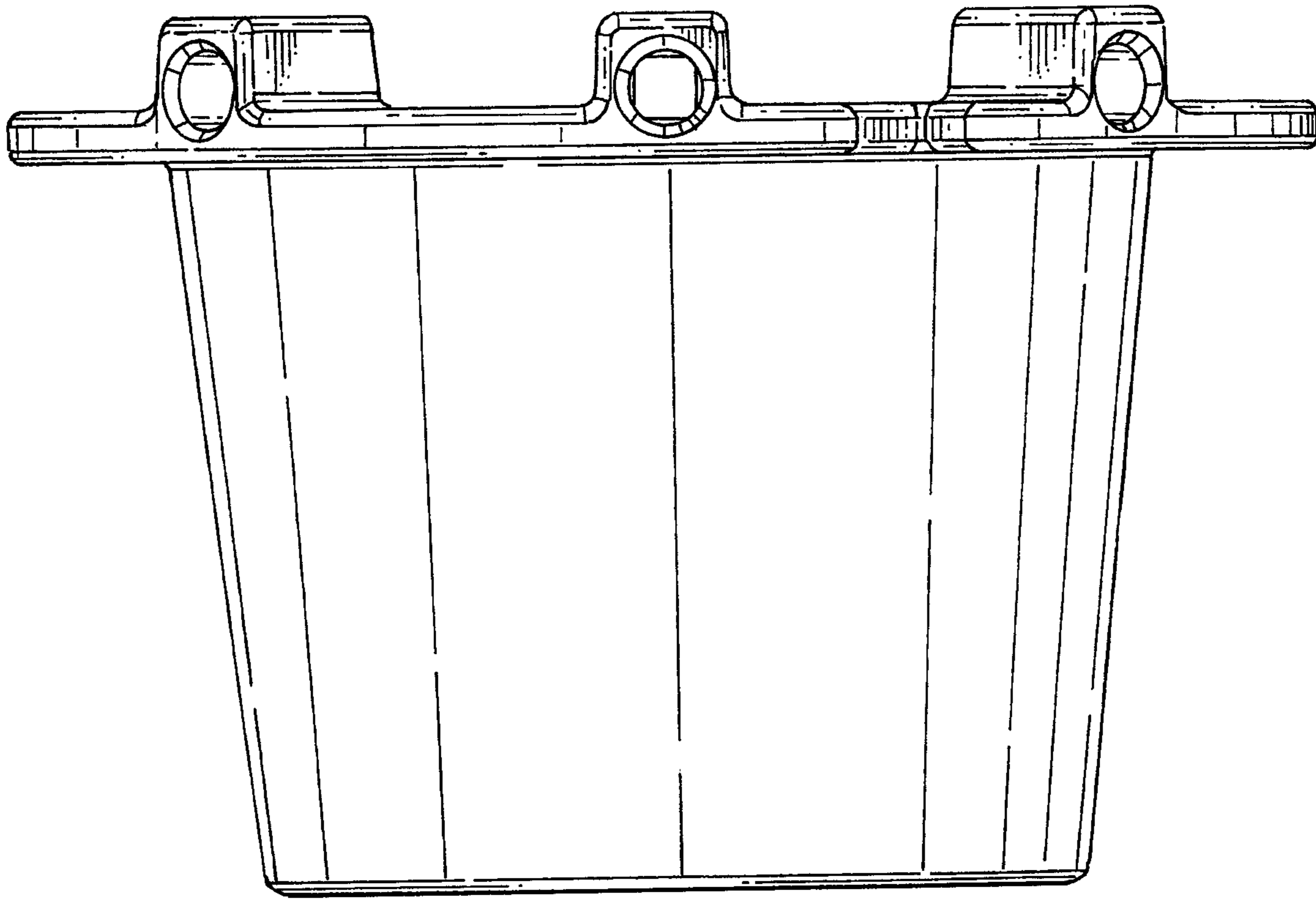


*FIG. 1*

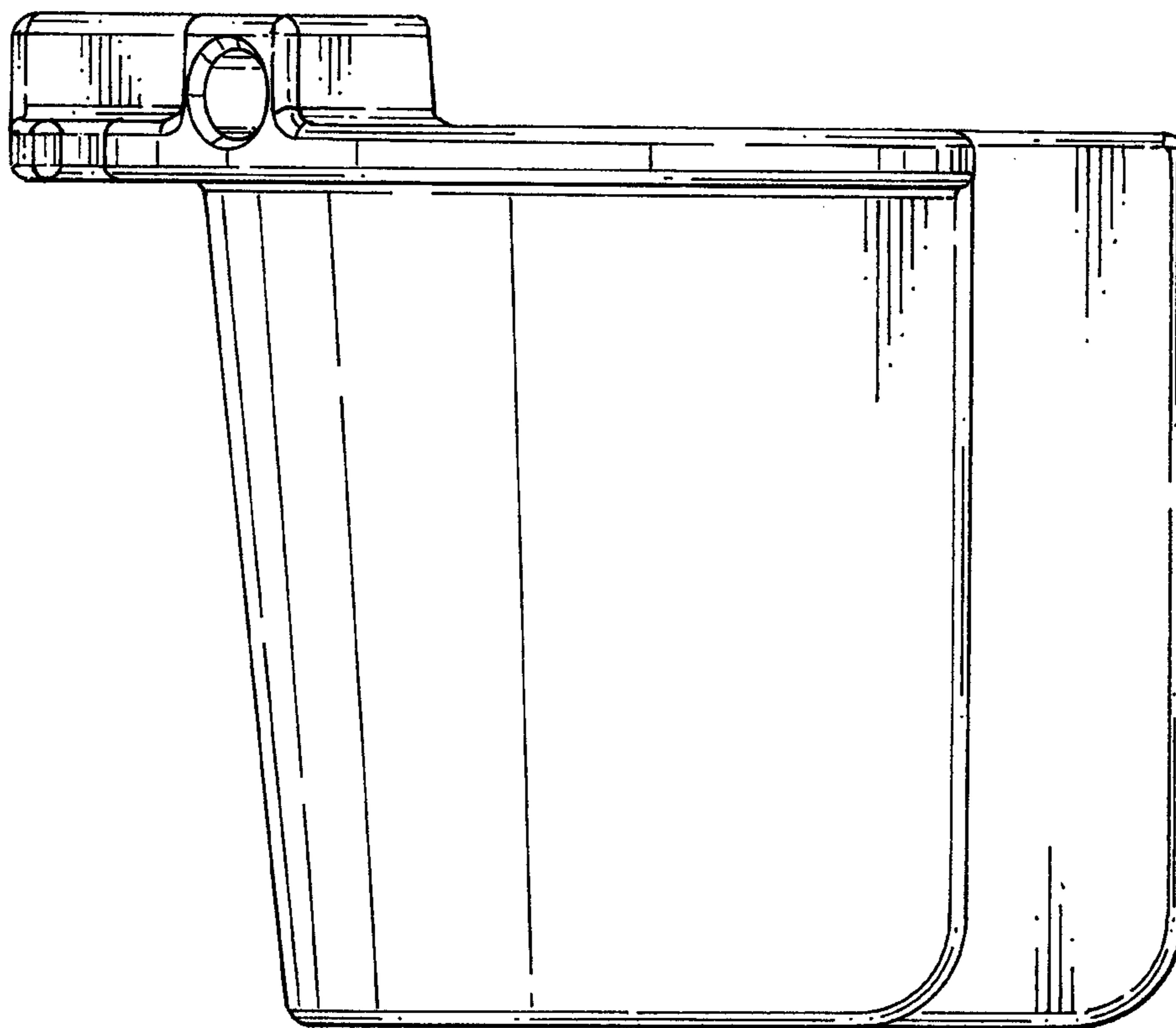


*FIG. 2*



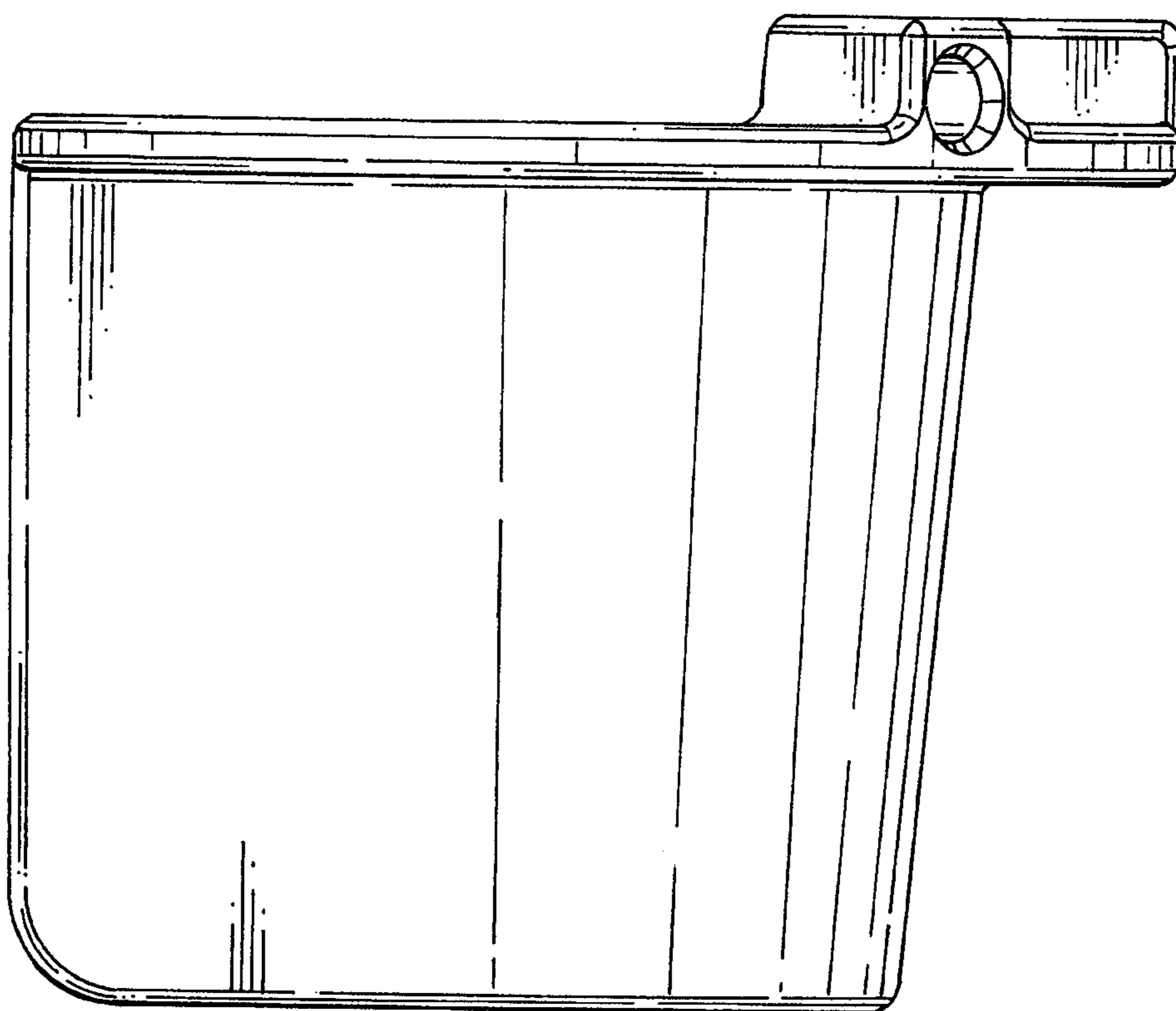


*FIG. 3*

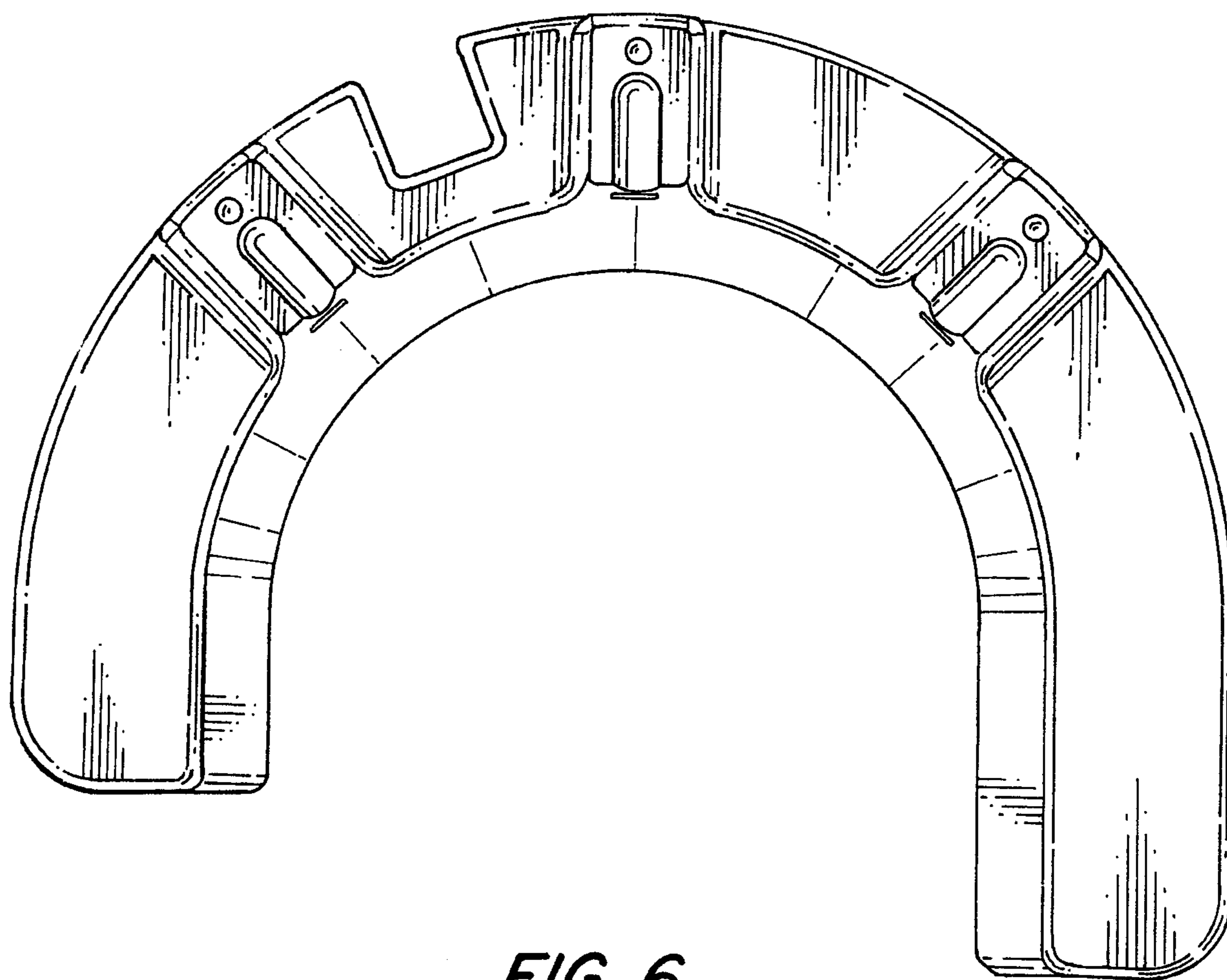


*FIG. 4*

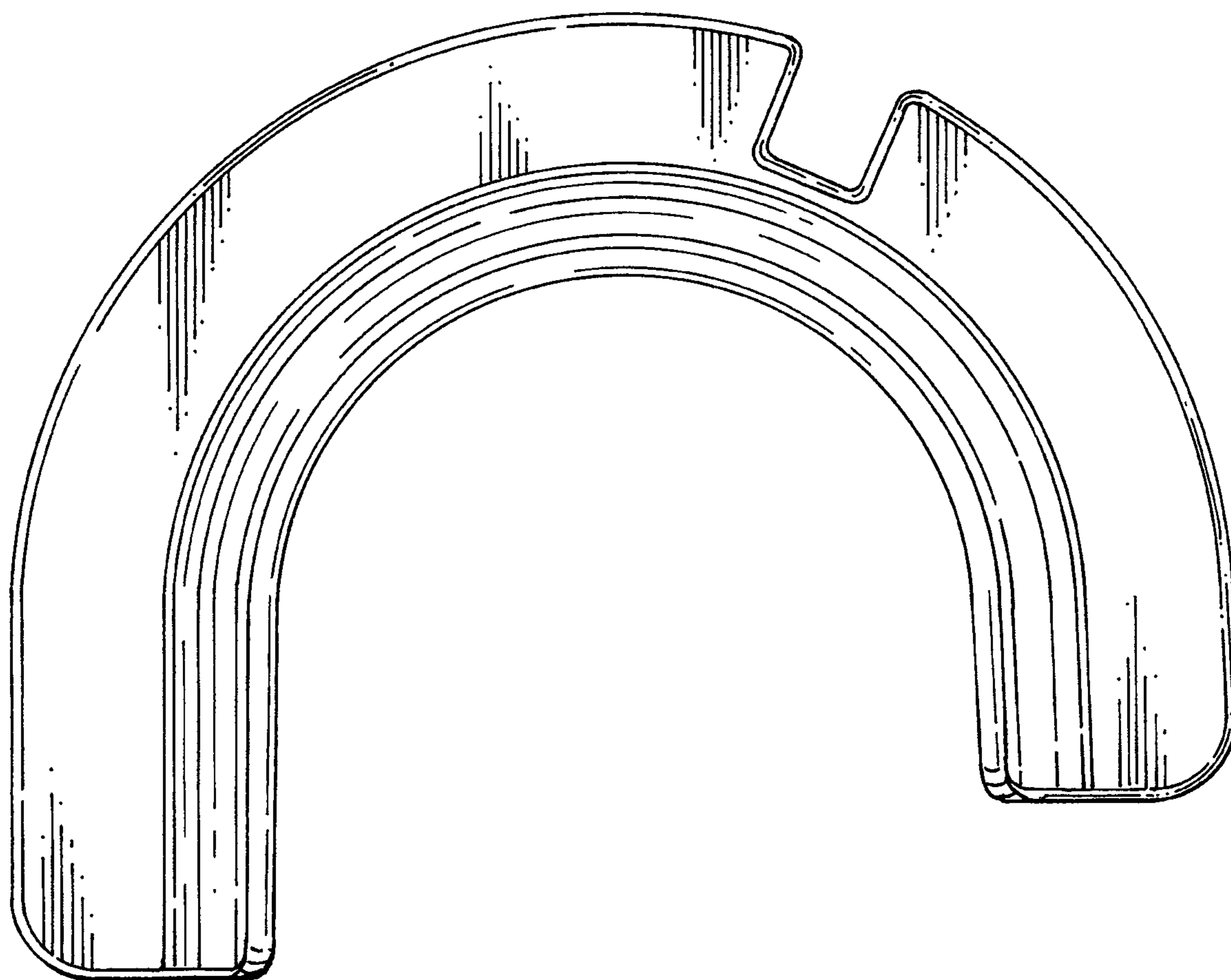




*FIG. 5*



*FIG. 6*



*FIG. 7*



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INVENTOR(S) : Rainer Hermle et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Item (12) Should read as follows: -- Hermle et al. --.

Item (75) Inventors

Should read as follows:

-- Rainer Hermle, Gosheim (DE)  
Ernesto Greco, Roma (IT) --.

Signed and Sealed this  
Sixteenth Day of August, 2016



Michelle K. Lee  
*Director of the United States Patent and Trademark Office*