



US00D637371S

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

(10) **Patent No.:** **US D637,371 S**

(45) **Date of Patent:** **** May 3, 2011**

(54) **DETERGENT BOX FOR DRUM WASHING MACHINE**

(75) Inventors: **Hyun-Joo Sim**, Seoul (KR);
Hyoung-Sub Choi, Seoul (KR); **Se-Hun Oh**, Seoul (KR); **Hea-Me Lee**, Seoul (KR)

(73) Assignee: **Samsung Electronics Co., Ltd.**,
Kyunggi-do (KR)

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

(21) Appl. No.: **29/370,570**

(22) Filed: **Aug. 5, 2010**

(51) **LOC (9) Cl.** **15-05**

(52) **U.S. Cl.** **D32/25**

(58) **Field of Classification Search** D32/1,
D32/25, 29.1; D3/304, 310; 134/93; 68/12.18,
68/17 R, 207

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|----------------|--------|-------------|-------|----------|
| D232,187 S * | 7/1974 | McCollom | ..... | D32/25 |
| D345,636 S * | 3/1994 | Naporano | ..... | D32/29.1 |
| D504,568 S * | 5/2005 | Willison | ..... | D3/310 |
| 7,093,467 B2 * | 8/2006 | Kim et al. | ..... | 68/17 R |
| 7,254,966 B2 * | 8/2007 | Kim et al. | ..... | 68/17 R |
| D563,673 S * | 3/2008 | Dretzka | ..... | D3/304 |
| 7,428,831 B2 * | 9/2008 | Cho et al. | ..... | 68/17 R |
| 7,543,465 B2 * | 6/2009 | Kwon et al. | ..... | 68/17 R |

| | | | | |
|-------------------|---------|----------------|-------|---------|
| 7,654,119 B2 * | 2/2010 | Song | ..... | 68/17 R |
| D624,255 S * | 9/2010 | Ha | ..... | D32/25 |
| D625,520 S * | 10/2010 | Greene, Jr. | ..... | D3/304 |
| 7,805,964 B2 * | 10/2010 | Park | ..... | 68/17 R |
| 2004/0103696 A1 * | 6/2004 | Kim et al. | ..... | 68/17 R |
| 2006/0162392 A1 * | 7/2006 | Kwon et al. | ..... | 68/17 R |
| 2007/0044517 A1 * | 3/2007 | Yang et al. | ..... | 68/17 R |
| 2008/0223417 A1 * | 9/2008 | Cerruti et al. | ..... | 134/93 |
| 2008/0256721 A1 * | 10/2008 | Kim et al. | ..... | 8/158 |
| 2009/0288454 A1 * | 11/2009 | Lee et al. | ..... | 68/17 R |
| 2009/0308111 A1 * | 12/2009 | Robb et al. | ..... | 68/17 R |
| 2010/0107704 A1 * | 5/2010 | Seo et al. | ..... | 68/17 R |
| 2010/0175435 A1 * | 7/2010 | Shin et al. | ..... | 68/17 R |

* cited by examiner

Primary Examiner — T. Chase Nelson

Assistant Examiner — Kathleen M Sims

(74) *Attorney, Agent, or Firm* — Flynn, Thiel, Boutell & Tanis, P.C.

(57) **CLAIM**

The ornamental design for a detergent box for drum washing machine, as shown and described.

DESCRIPTION

FIG. 1 is a top front perspective view of a detergent box for drum washing machine showing our new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

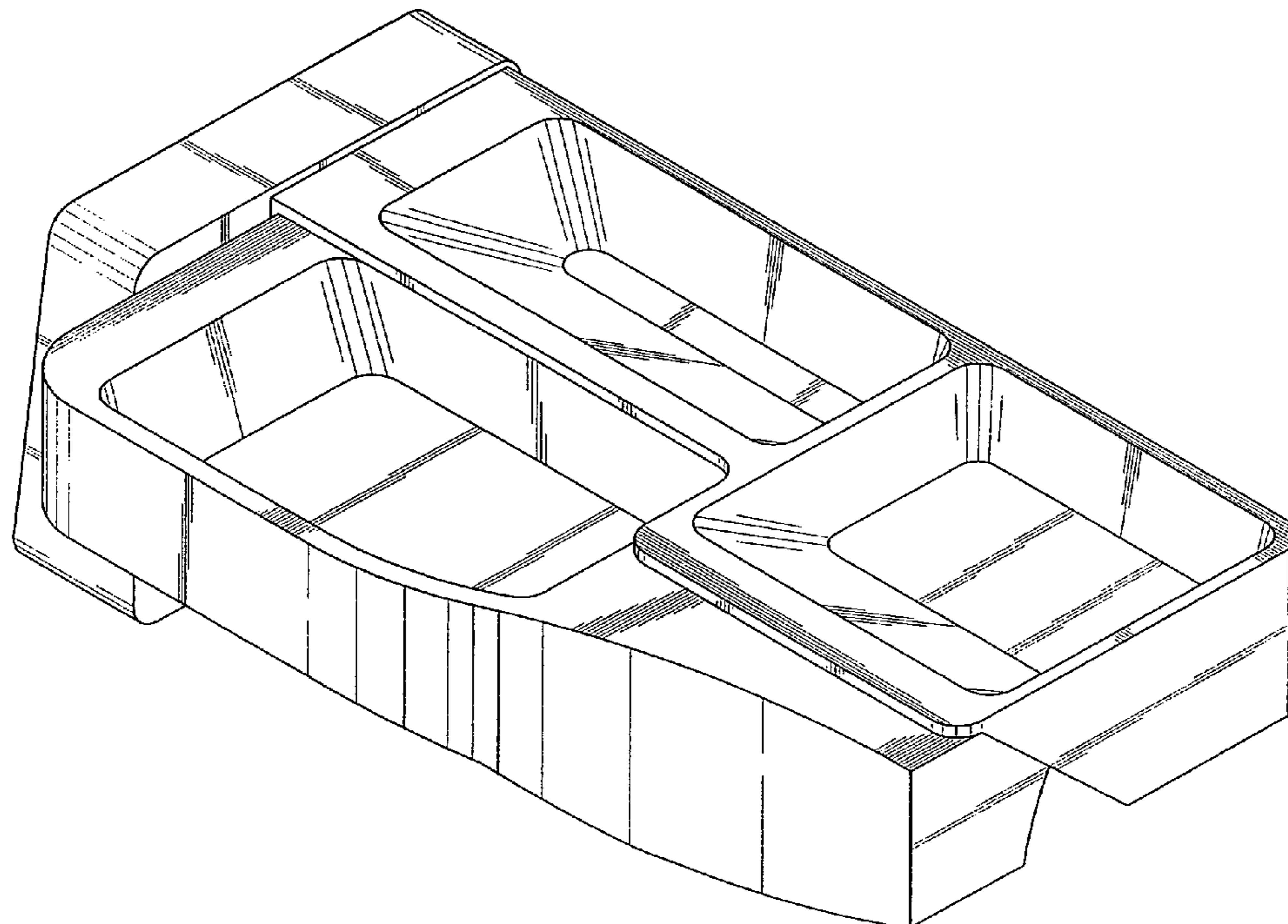
FIG. 4 is a left side elevational view thereof;

FIG. 5 is a right side elevational view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

1 Claim, 4 Drawing Sheets



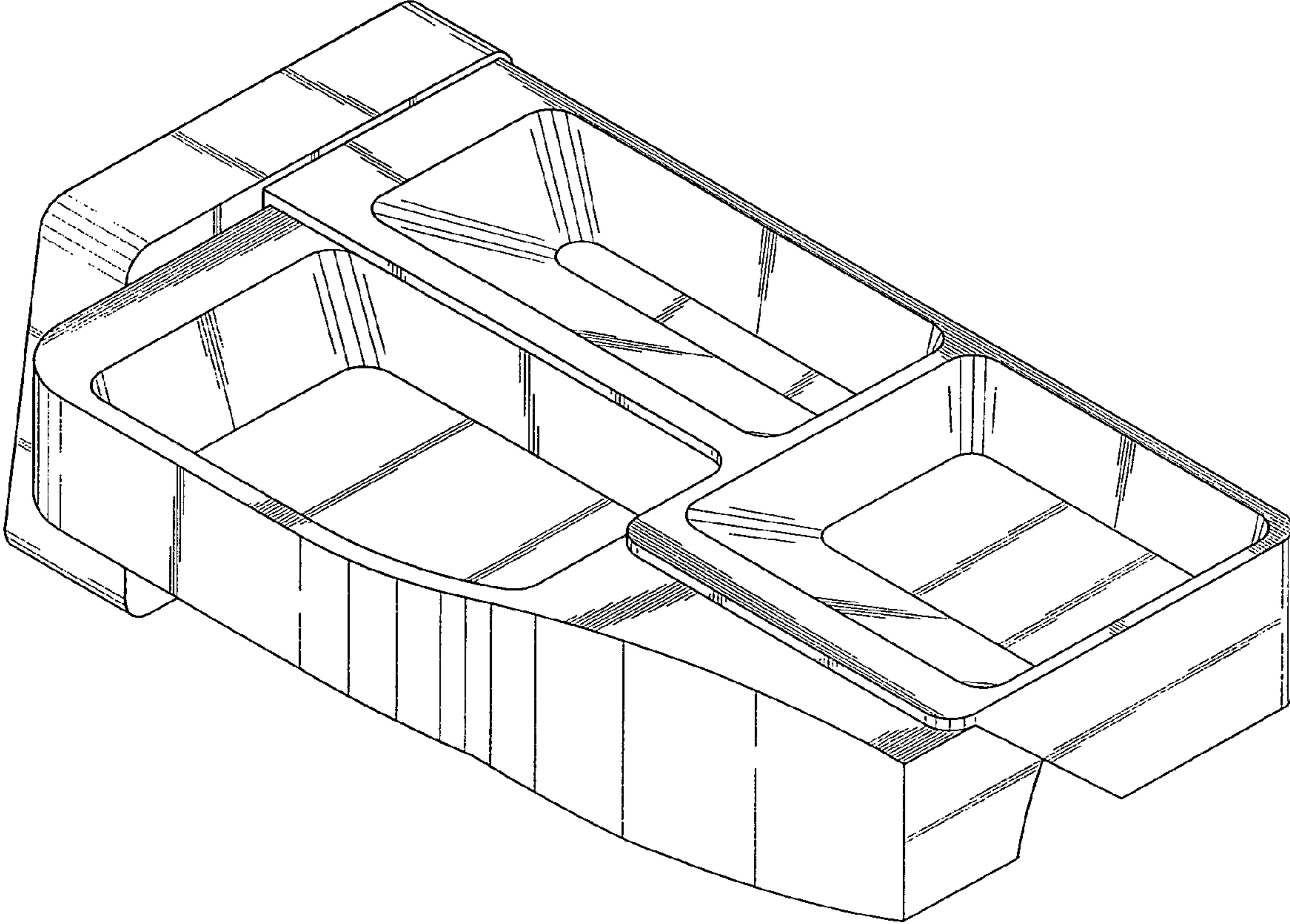


FIG. 1

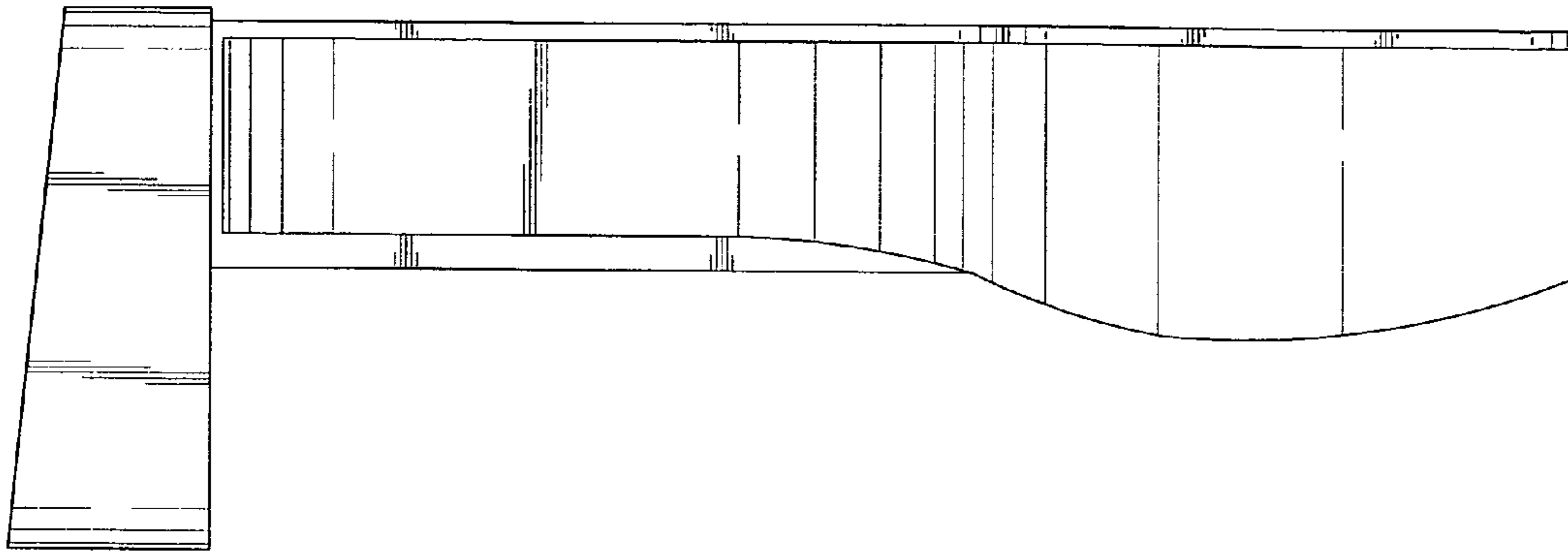


FIG. 2

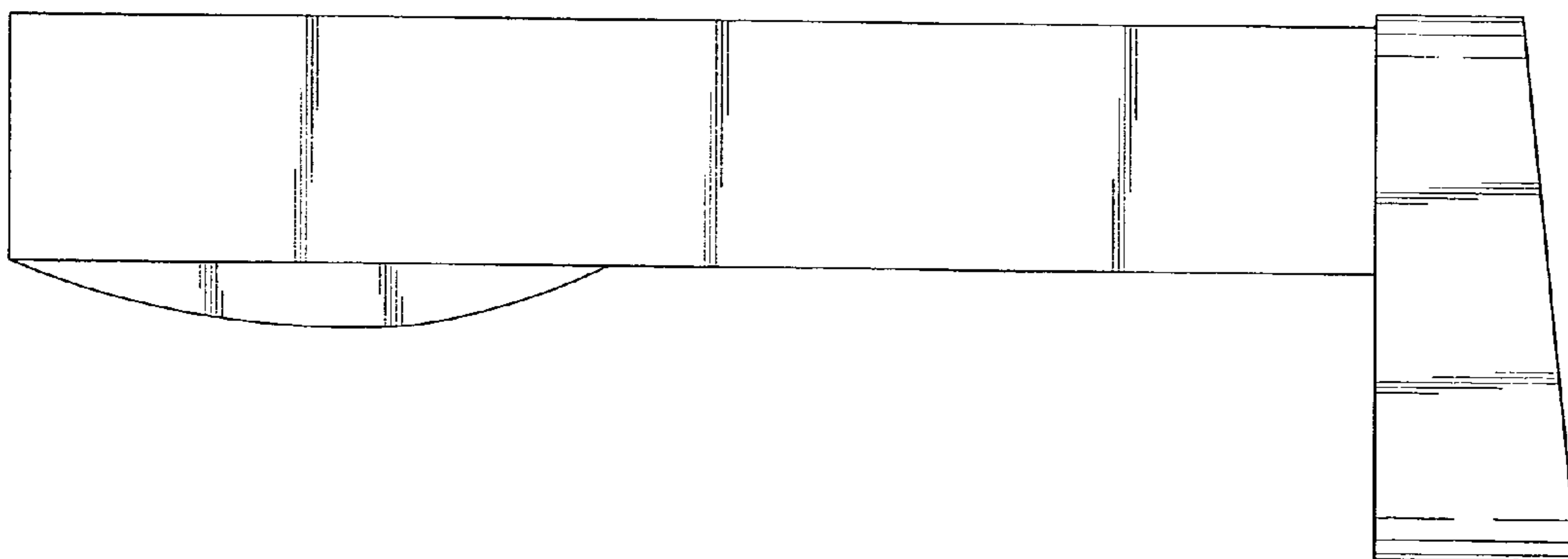


FIG. 3

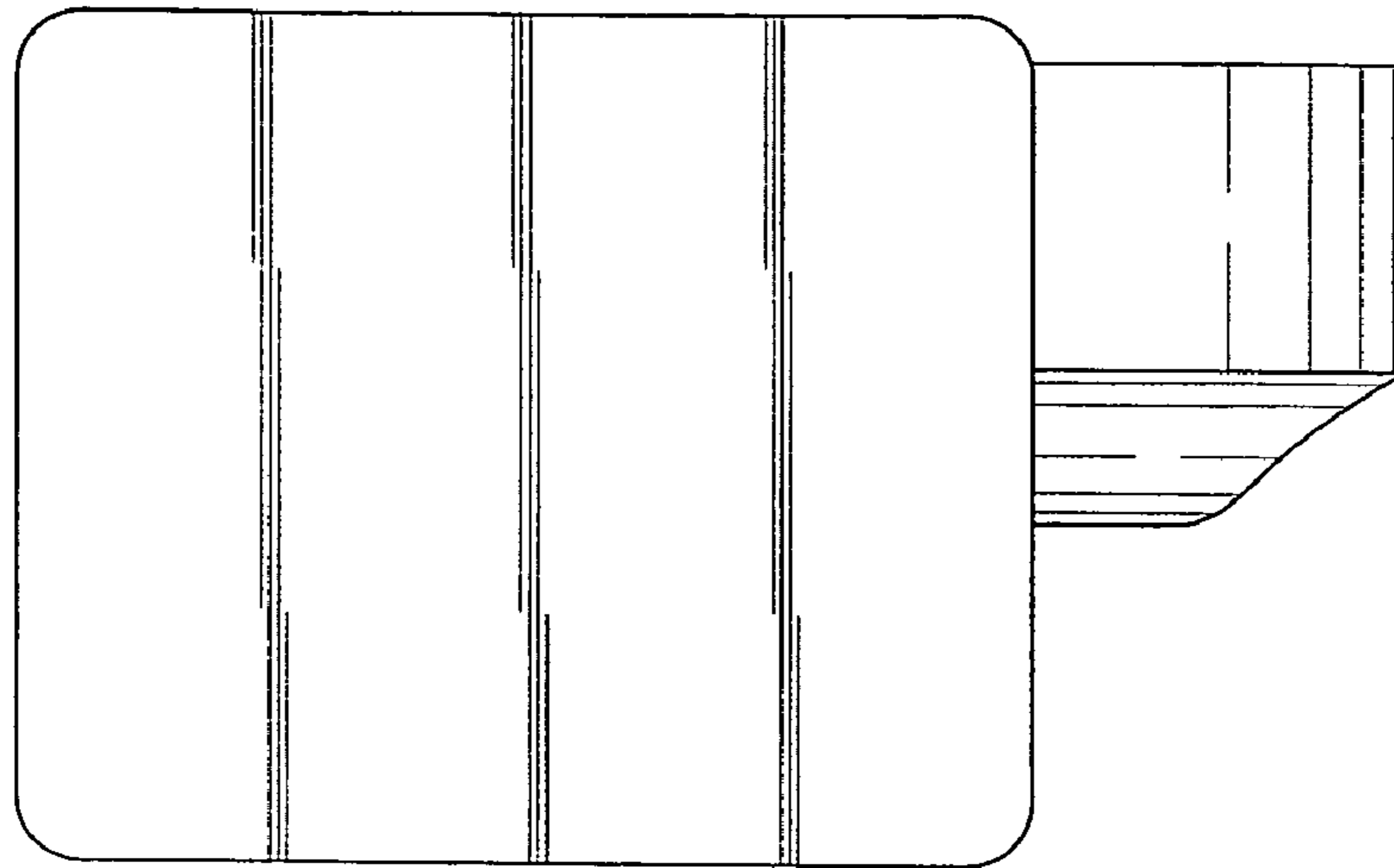


FIG. 4

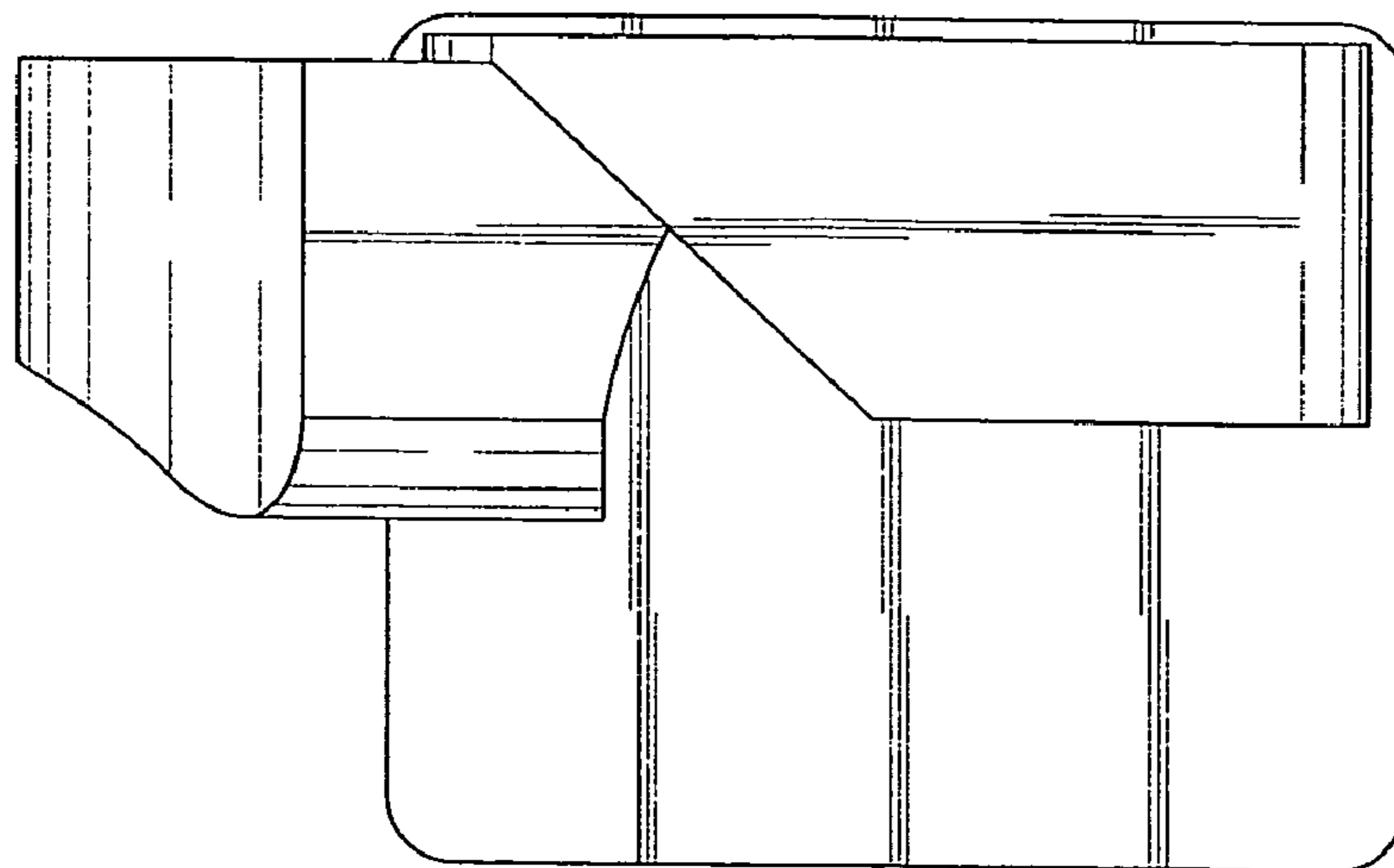


FIG. 5

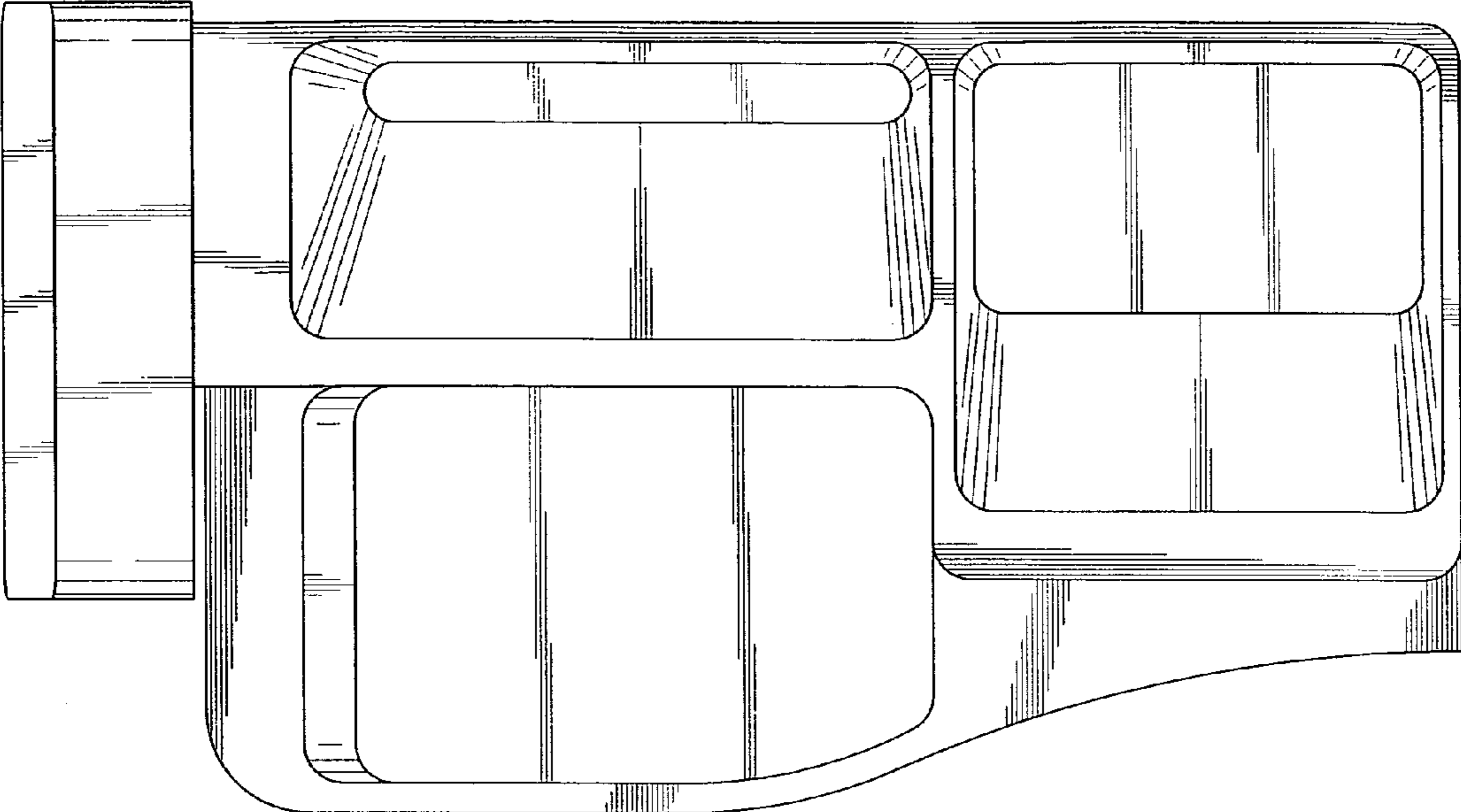


FIG. 6

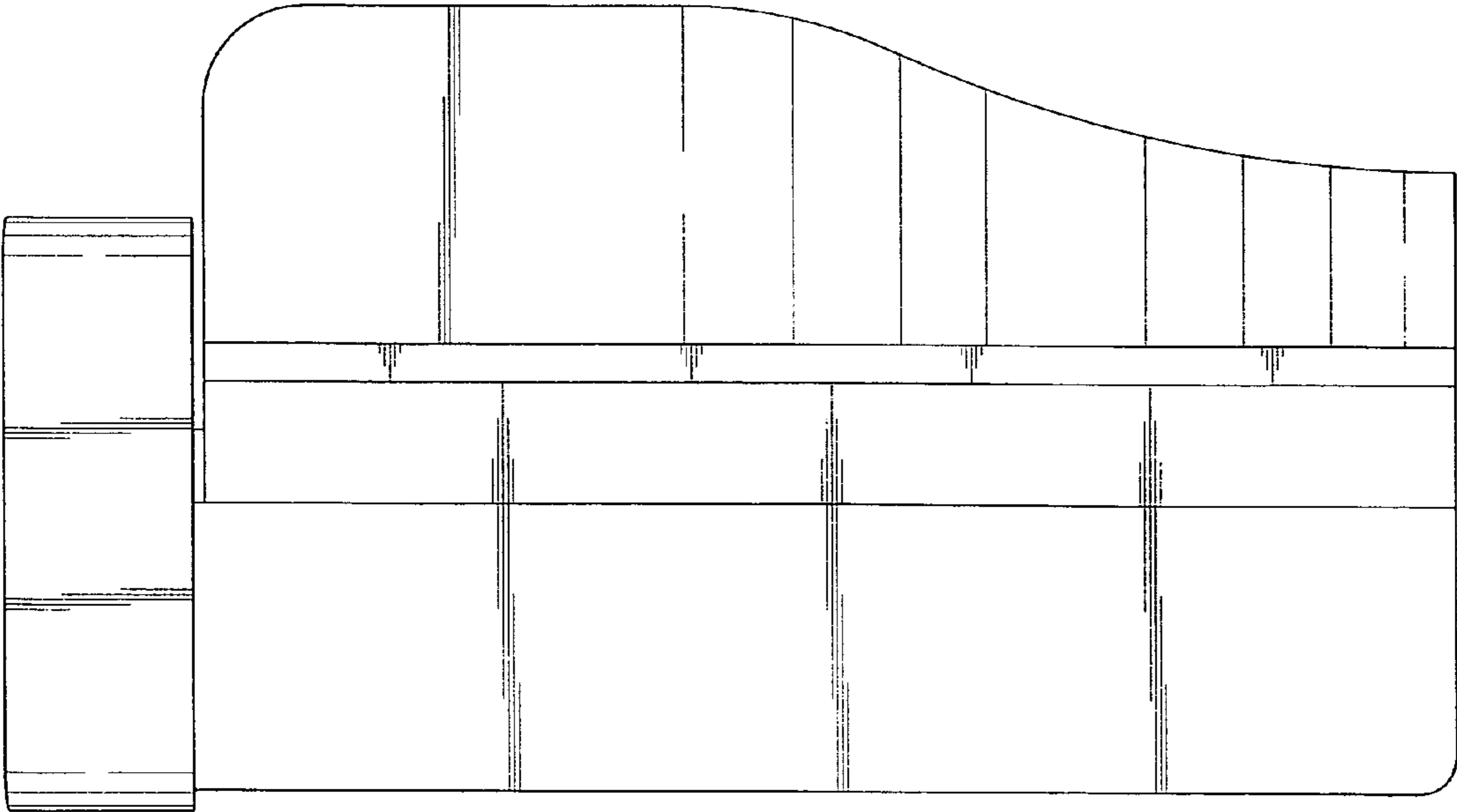


FIG. 7