



US00D552029S

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

(10) **Patent No.:** **US D552,029 S**

(45) **Date of Patent:** **** Oct. 2, 2007**

(54) **BATTERY CHARGER**

(75) Inventors: **Ronald J. Kingston**, Syracuse, NY (US); **Scott W. Osiecki**, Skaneateles, NY (US); **Donwoong Kang**, Camillus, NY (US); **Jennifer A. Moffat**, Chesterfield, MO (US)

(73) Assignee: **Eveready Battery Company, Inc.**, St. Louis, MO (US)

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

(21) Appl. No.: **29/250,055**

(22) Filed: **Oct. 31, 2006**

(51) **LOC (8) Cl.** **13-02**

(52) **U.S. Cl.** **D13/108**

(58) **Field of Classification Search** D13/107-110,
D13/118-119, 184; D14/251, 253, 432,
D14/434; 320/107-115

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D206,880 S * 2/1967 Kelly D13/108

(Continued)

FOREIGN PATENT DOCUMENTS

WO 9717734 5/1997

OTHER PUBLICATIONS

DIGITAL CONCEPTS, Digital Camera Charger 1800, downloaded on or about Dec. 29, 2005, 1 page.

(Continued)

Primary Examiner—Alan P. Douglas

Assistant Examiner—Rosemary K. Tarca

(74) *Attorney, Agent, or Firm*—Gregory J. Adams

(57) **CLAIM**

The ornamental design for a battery charger, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the battery charger, wherein a cover is depicted in a closed position;

FIG. 2 is a top view of the battery charger, wherein the cover is depicted in the closed position;

FIG. 3 is a front view of the battery charger, wherein the cover is depicted in the closed position;

FIG. 4 is a right side view of the battery charger, wherein the cover is depicted in the closed position;

FIG. 5 is a left side view of the battery charger, wherein the cover is depicted in the closed position;

FIG. 6 is a rear view of the battery charger, wherein the cover is depicted in the closed position;

FIG. 7 is a bottom view of the battery charger, wherein the cover is depicted in the closed position;

FIG. 8 is a top view of the battery charger, wherein the cover is depicted in an open position;

FIG. 9 is front view of the battery charger, wherein the cover is depicted in an open position;

FIG. 10 is a right side view of the battery charger, wherein the cover is depicted in an open position;

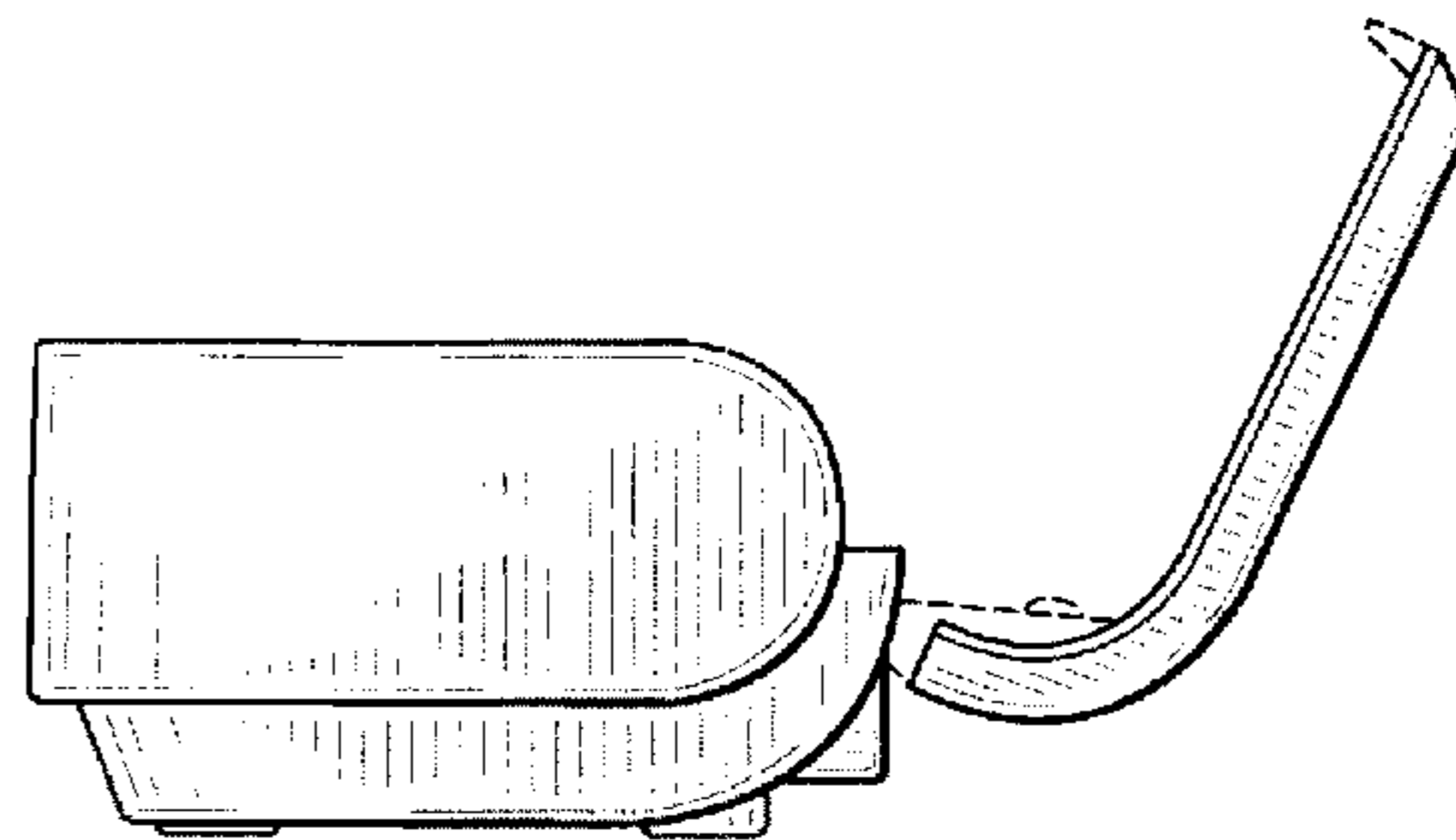
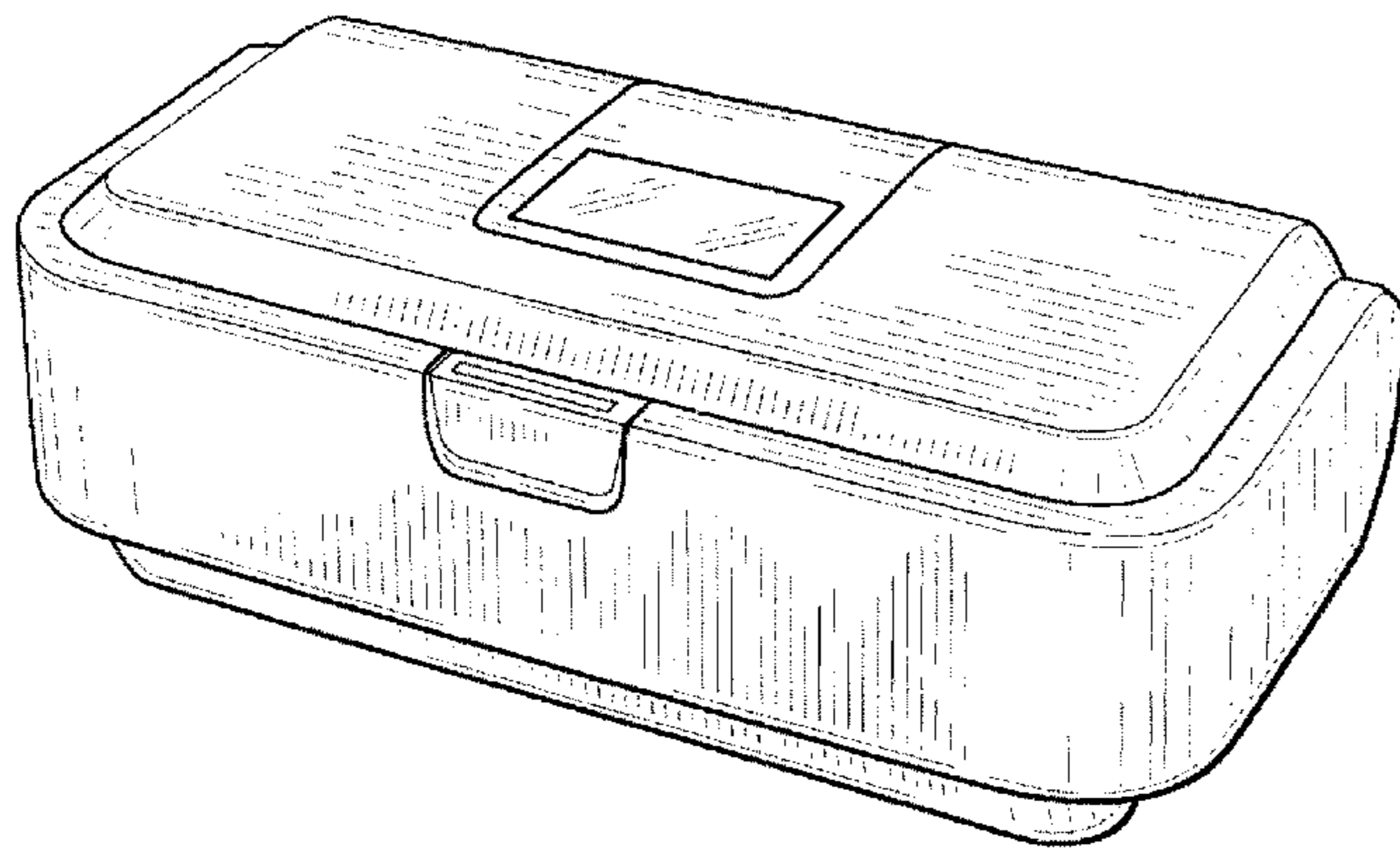
FIG. 11 is a left side view of the battery charger, wherein the cover is depicted in an open position;

FIG. 12 is a rear view of the battery charger, wherein the cover is depicted in an open position; and,

FIG. 13 is a bottom view of the battery charger, wherein the cover is depicted in an open position.

The broken line showing is included for the purpose of illustrating environmental features and forms no part of the claimed design.

1 Claim, 7 Drawing Sheets



U.S. PATENT DOCUMENTS

3,696,283 A 10/1972 Ackley, III
 4,173,733 A 11/1979 Sugalski et al.
 4,629,962 A 12/1986 Arakawa
 4,636,703 A 1/1987 Tohya et al.
 4,766,361 A * 8/1988 Pusateri 320/110
 5,057,761 A * 10/1991 Felegyhazi, Sr. 320/110
 D328,276 S * 7/1992 Koinuma D13/107
 D331,220 S * 11/1992 Tsuchiya D13/107
 D336,281 S * 6/1993 Nakamura et al. D13/107
 D375,934 S * 11/1996 Rosen et al. D13/107
 D380,729 S 7/1997 Richards et al.
 D393,625 S * 4/1998 Riccobon D13/107
 D399,821 S 10/1998 Tyneski et al.
 6,018,227 A 1/2000 Kumar et al.
 D442,544 S 5/2001 Ku
 D443,856 S * 6/2001 Lehtovaara D13/107
 D483,014 S * 12/2003 Hsiao D13/107
 6,710,577 B1 3/2004 Shum
 6,762,583 B2 7/2004 Ho et al.
 D501,824 S * 2/2005 Ku D13/107
 6,876,172 B2 4/2005 Lam et al.
 D511,493 S * 11/2005 Luneau D13/108
 2002/0043958 A1 4/2002 Yamaguchi et al.
 2002/0063550 A1 5/2002 Chen et al.
 2002/0117995 A1 * 8/2002 Oh 320/107

OTHER PUBLICATIONS

CONRAD. DE, GP Powerbank Mini, download on or about Dec. 29, 2005, 10 pages, http://conrad.de/script/gp_mini_powerbank.sap.
 GP BATTERIES, GP PowerBank Mid-Rang Chargers, 2004, 2 pages, GPI International LTD., www.gpbatteries.com.hk_html_pr..
 GP BATTERIES, GP PowerBank Premium Chargers, 2004, 4 pages, GPI International LTD., www.gpbatteries.com.hk_html_pr..
 GP BATTERIES, GP PowerBank Specialty Chargers, 2004, 2 pages, GPI International LTD., www.gpbatteries.com.hk_html_pr..
 GP BATTERIES, GP PowerBank Standard Chargers, 2004, 3 pages, GPI International LTD., www.gpbatteries.com.hk_html_pr..
 GP BATTERIES, Digital Camera Li-Ion Battery & Charger Product Portfolio, Dec. 2004, 2 pages, GPI International LTD., www.gpbatteries.com.hk_html_pr..
 GP Mini PowerBank, 1995-2005, 3 pages, CNET Asia Reviews, www.asia.cnet.com_reviews_digit..
 GP BATTERIES, GP PowerBank Rechargeable Batteries Product Portfolio, Jul. 2005, 32 pages, GPI International LTD., Hong Kong.
 * cited by examiner

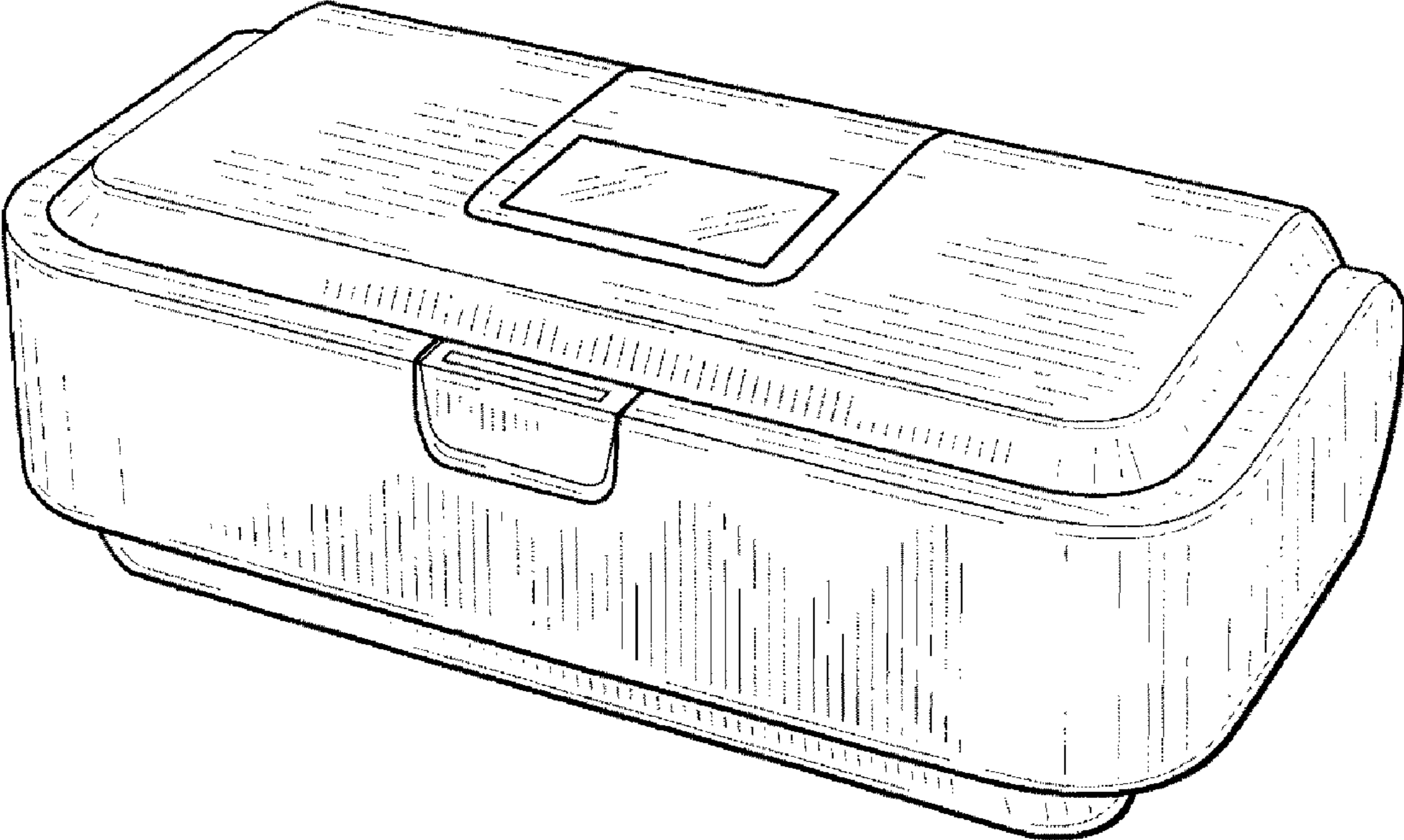


FIG. 1

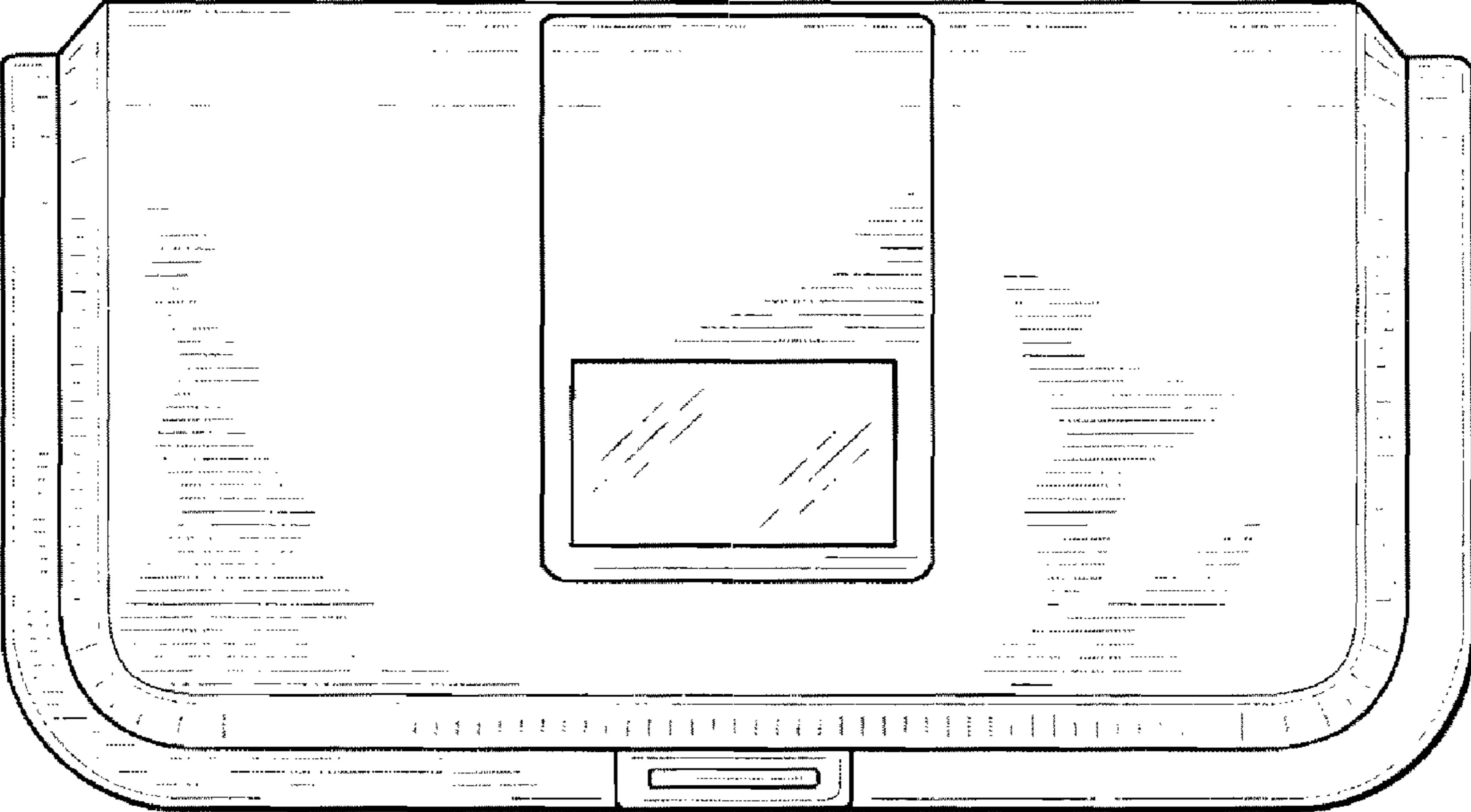


FIG. 2

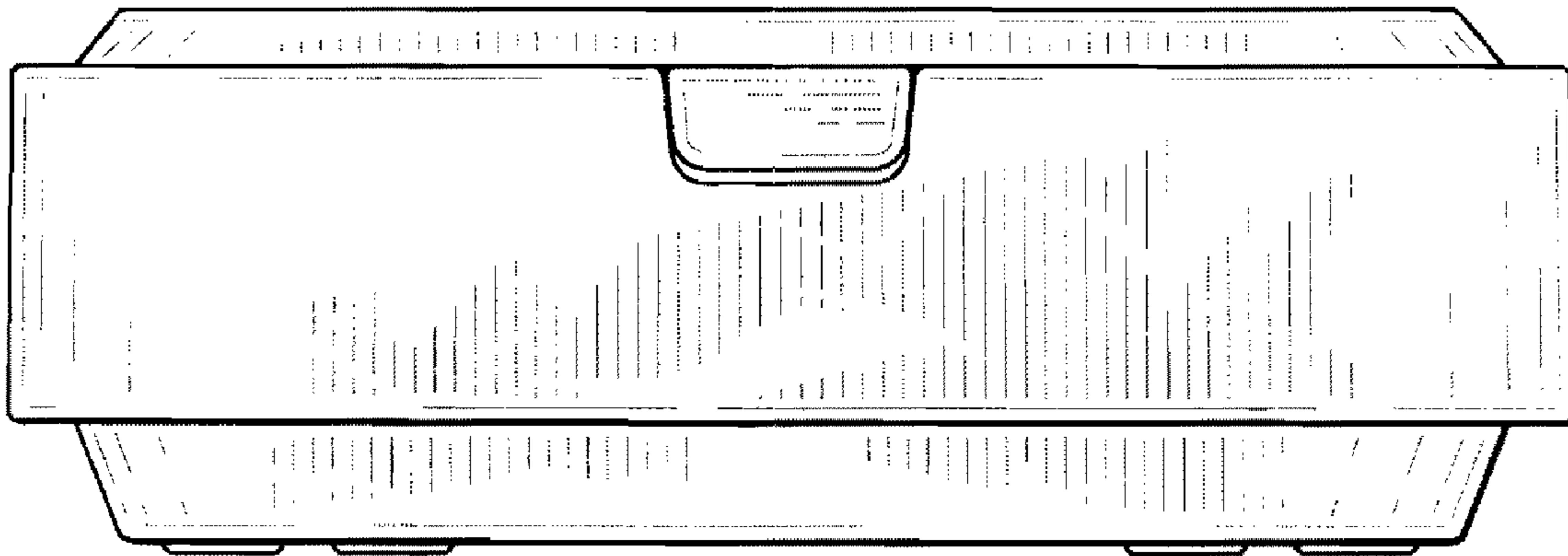


FIG. 3

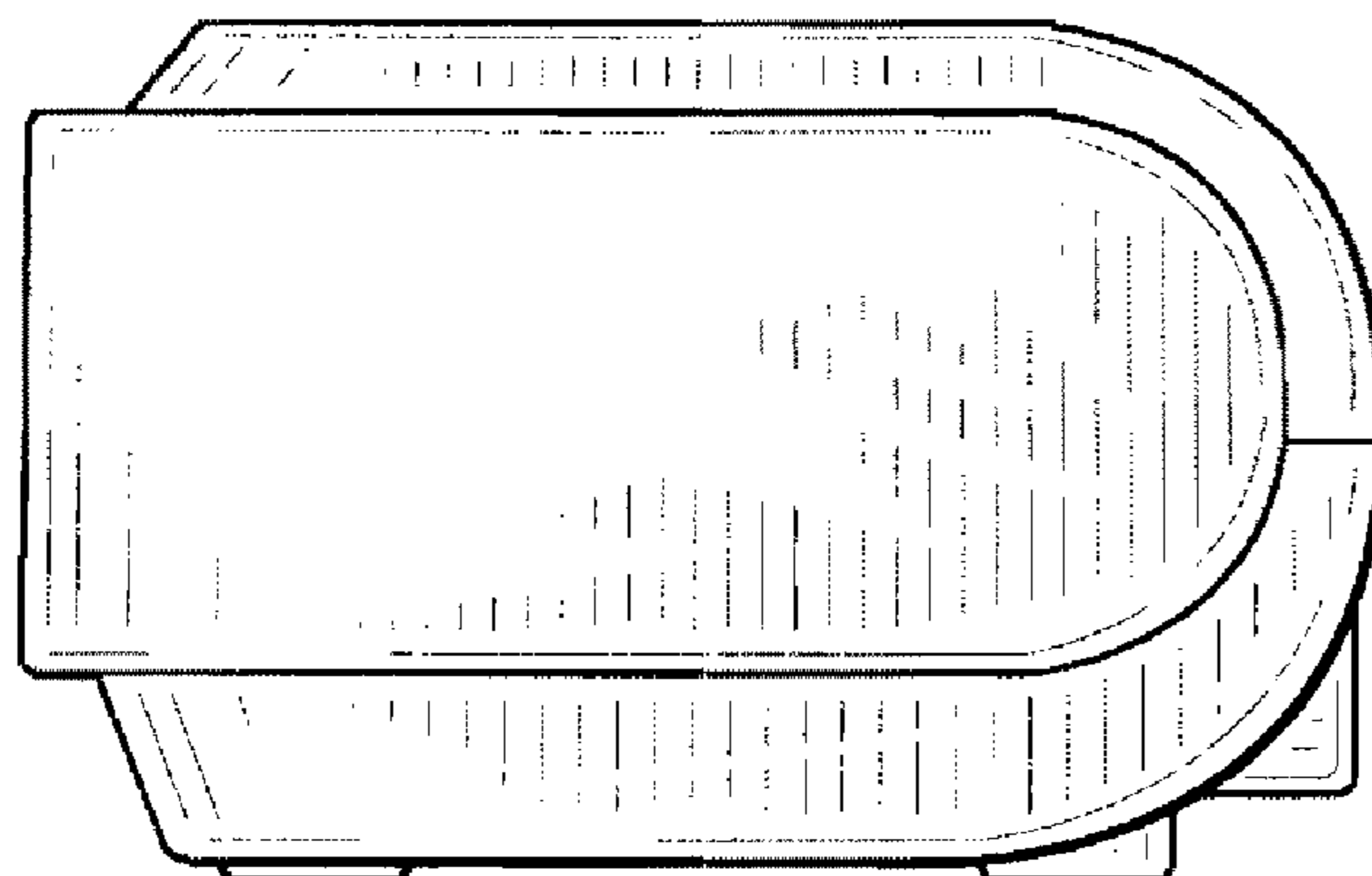


FIG. 4

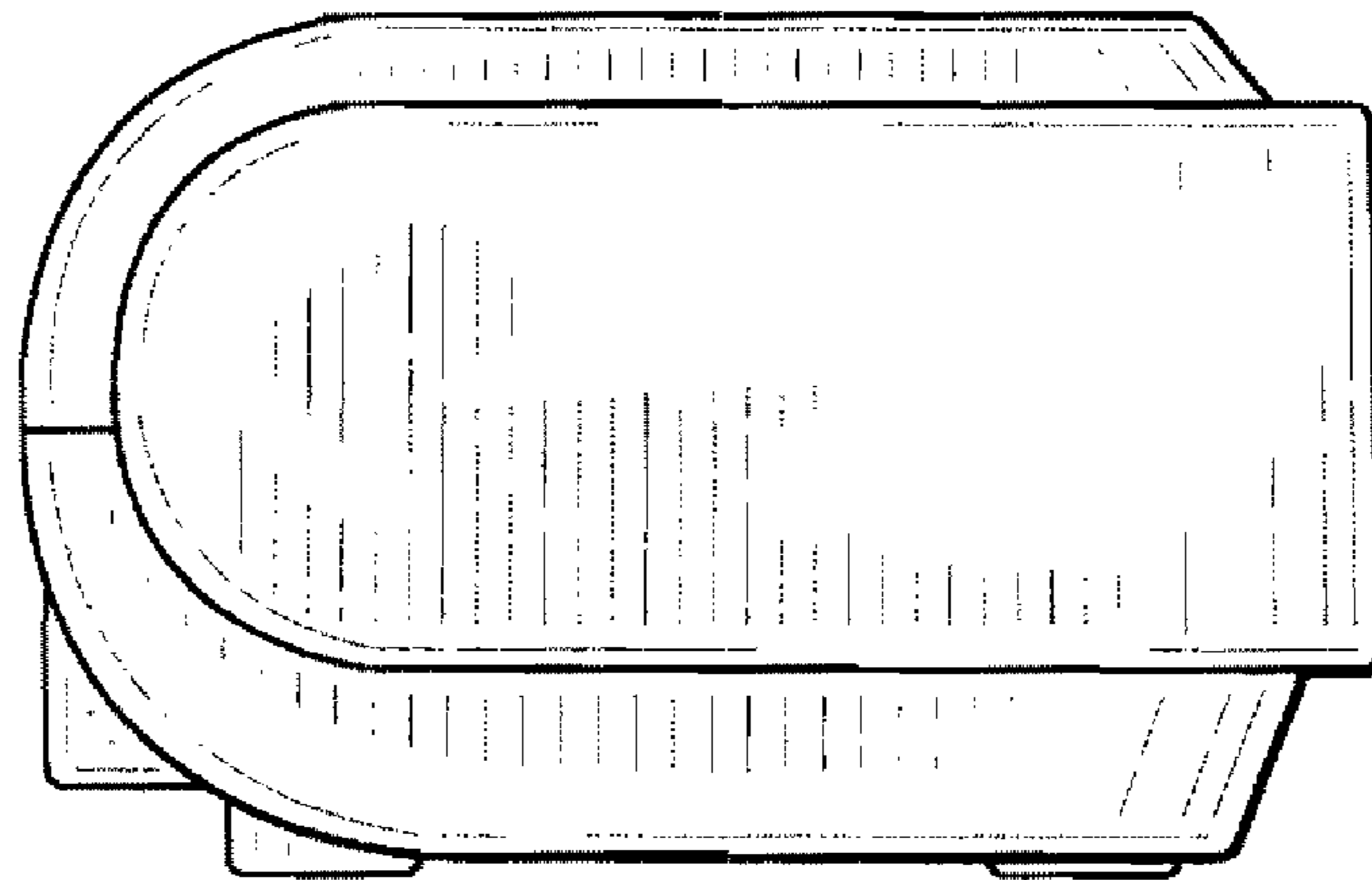


FIG. 5

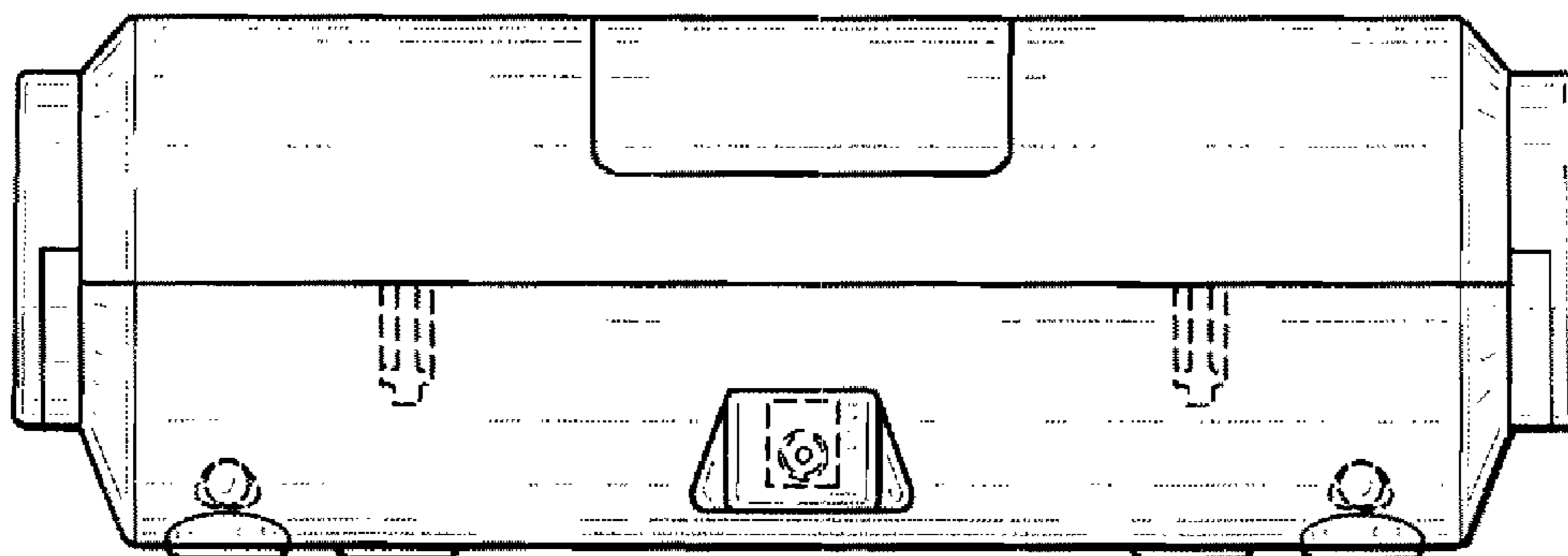


FIG. 6

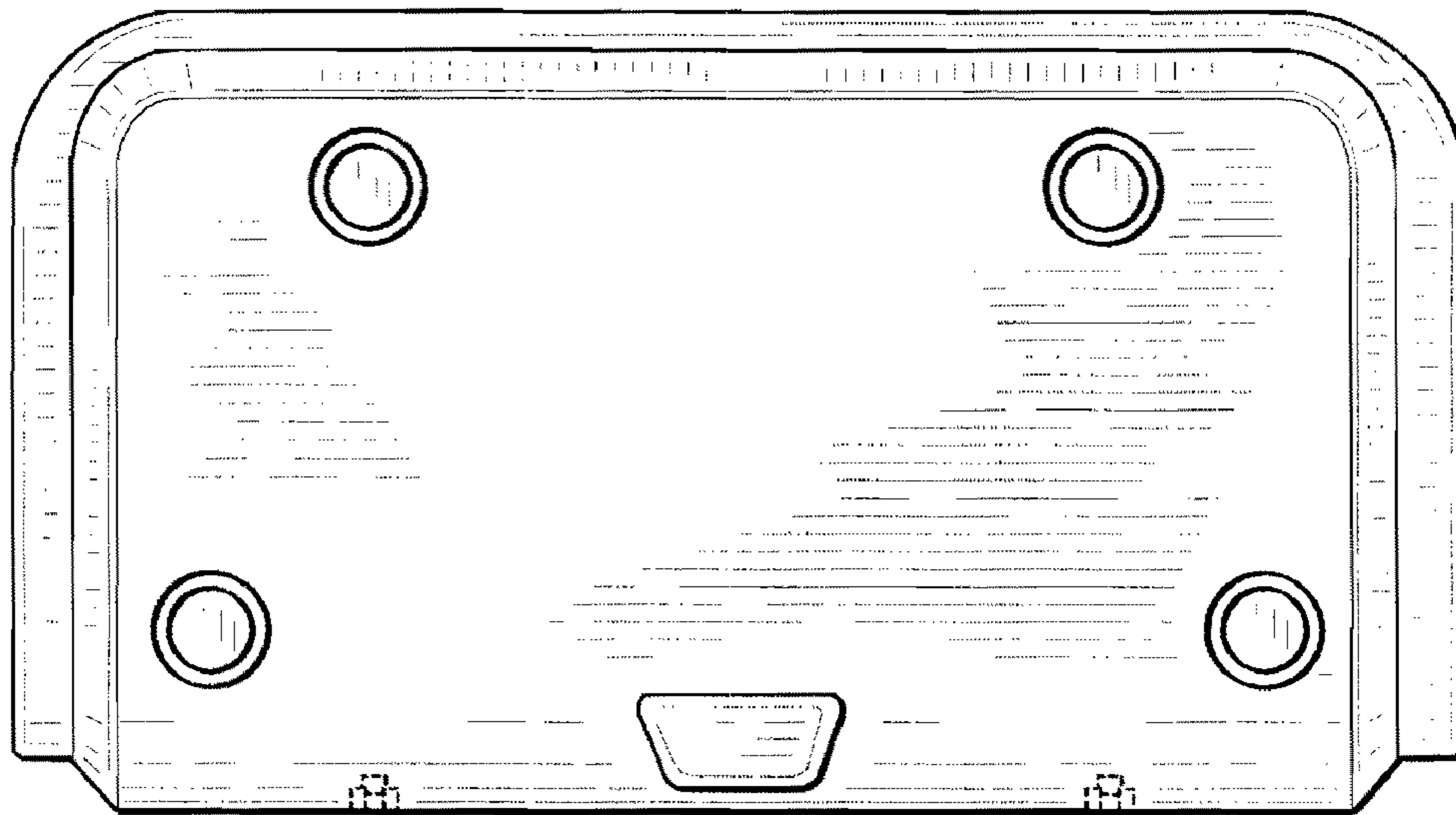


FIG. 7



FIG. 8

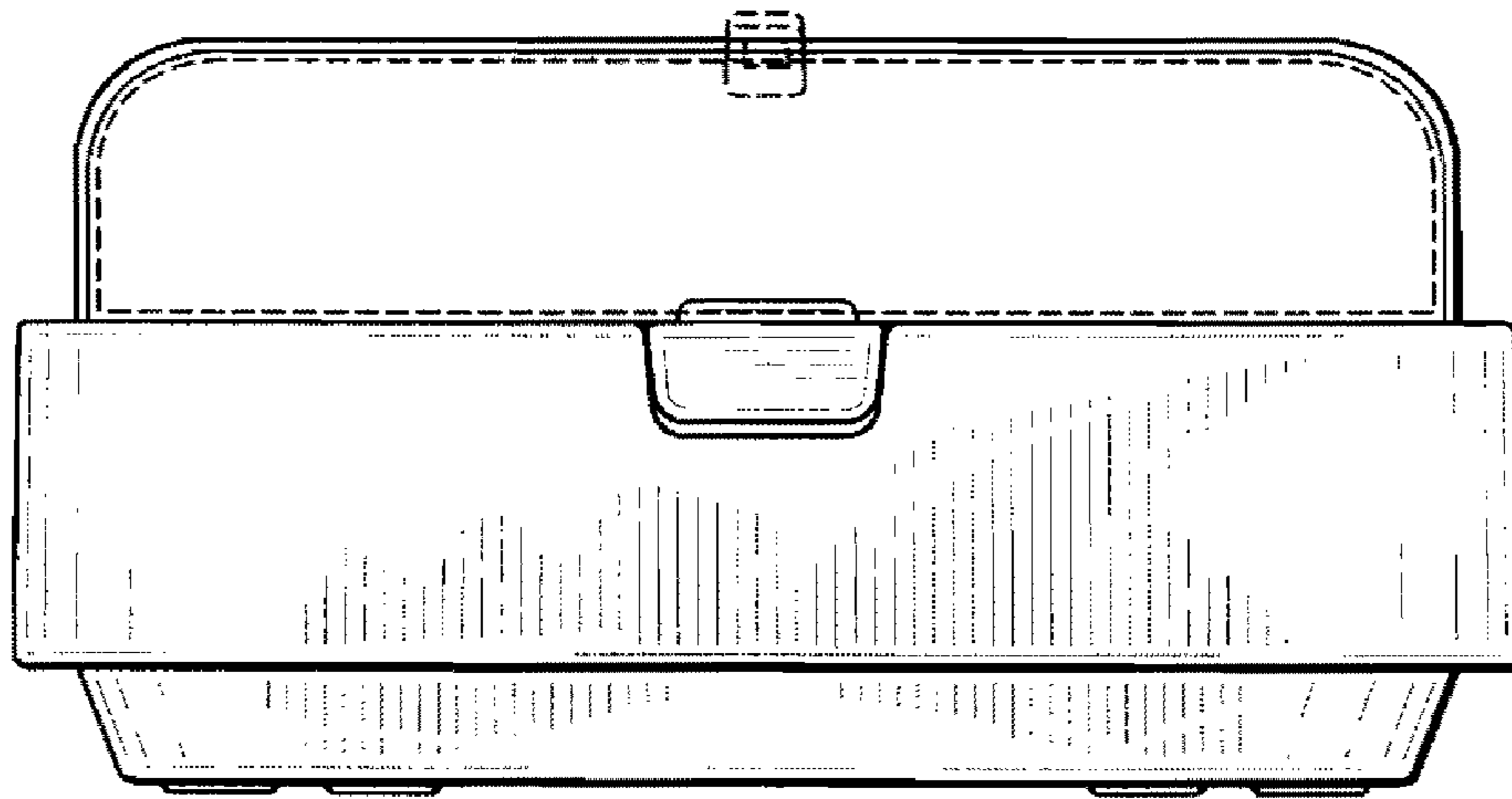


FIG. 9

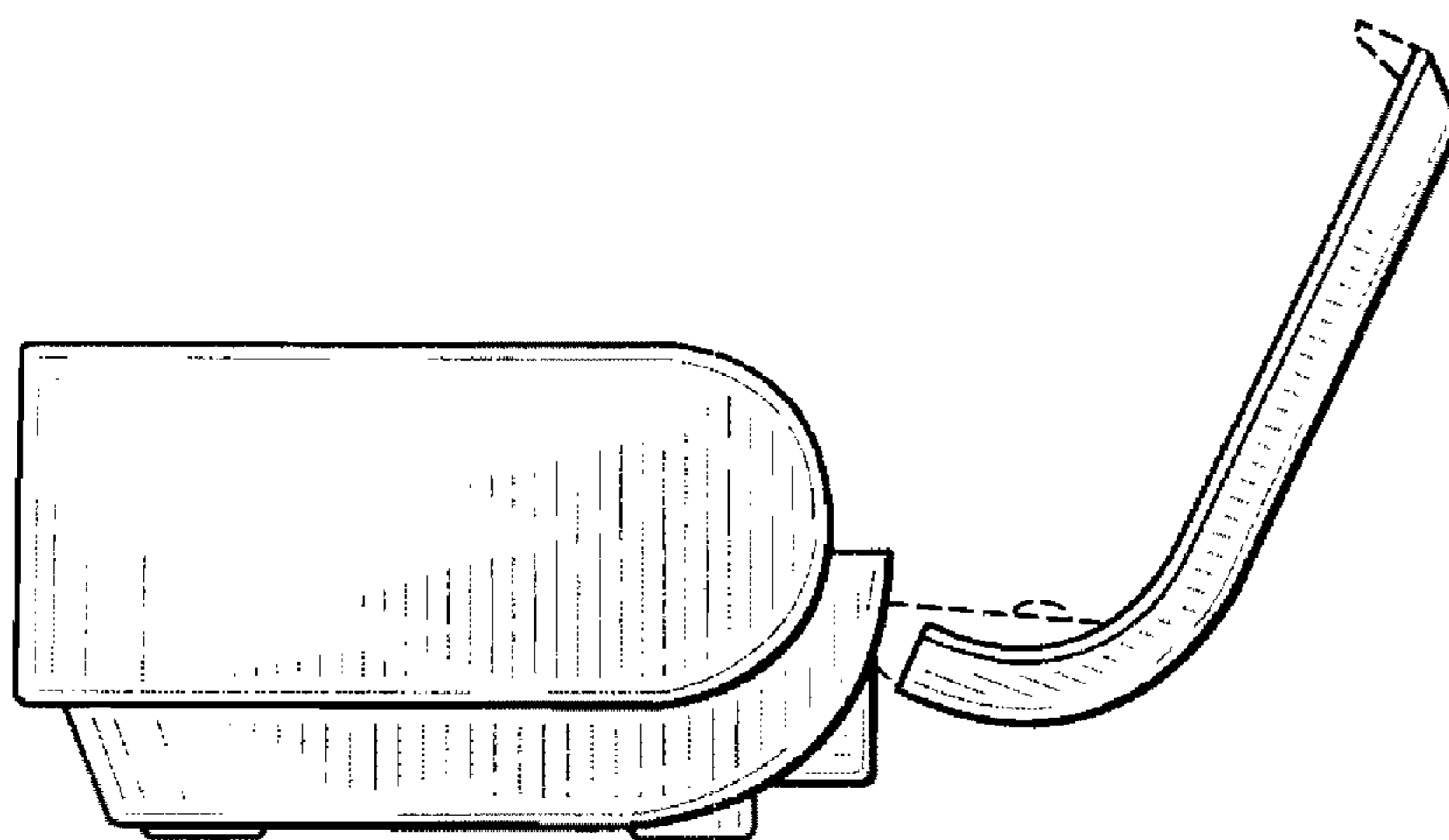


FIG. 10

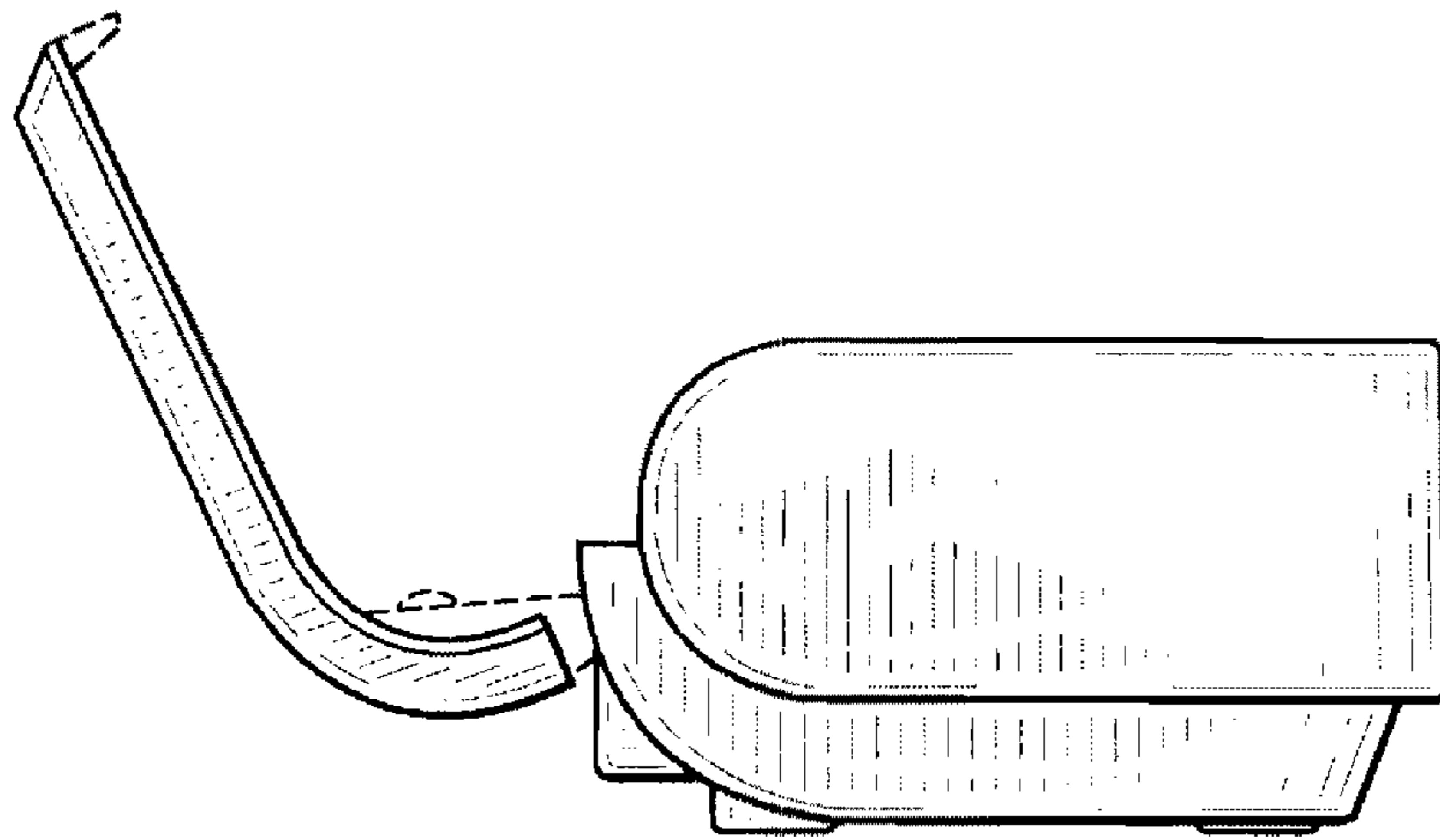


FIG. 11

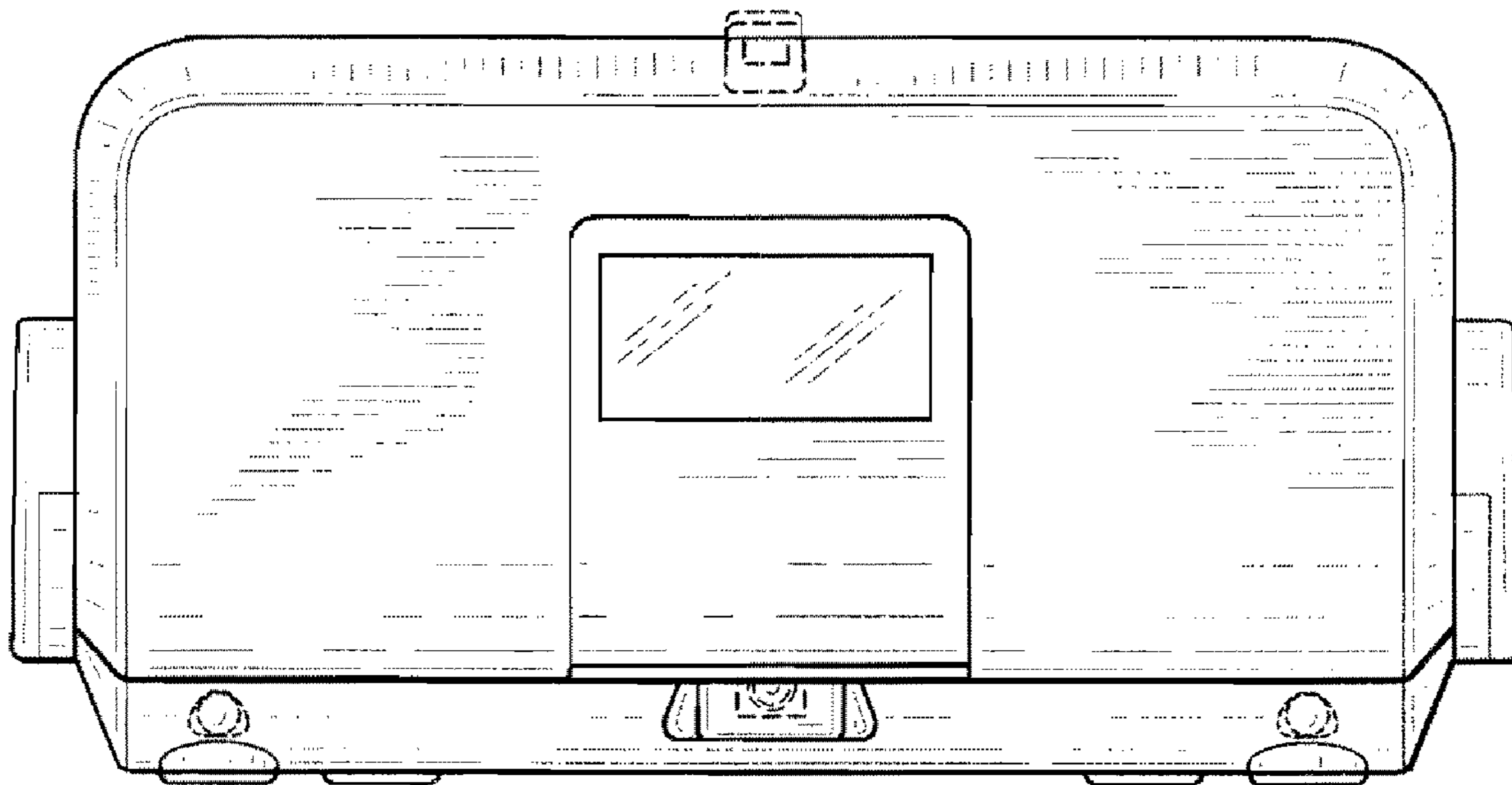


FIG. 12

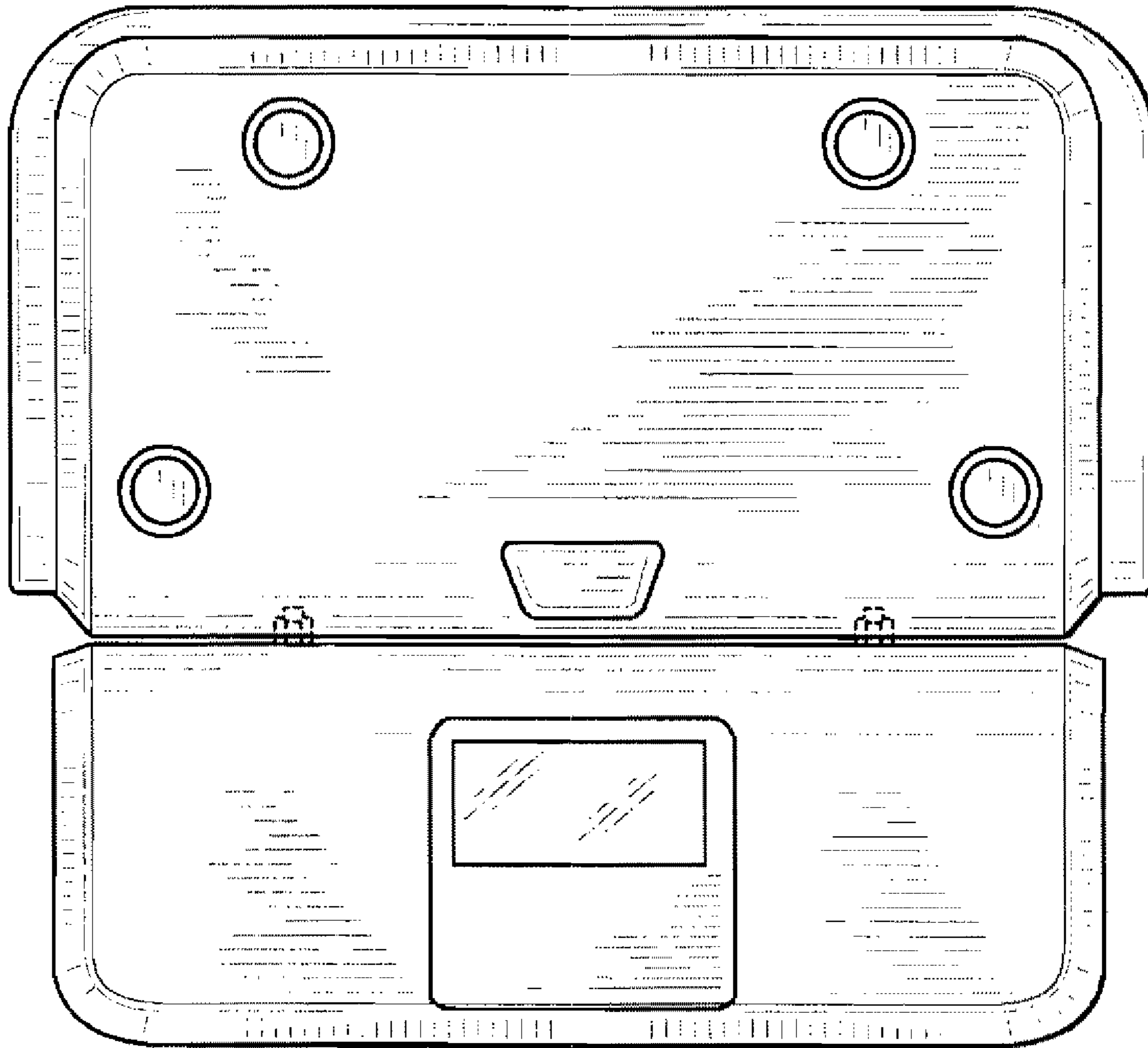


FIG. 13