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

(10) **Patent No.:** **US D648,232 S**
(45) **Date of Patent:** **** Nov. 8, 2011**

(54) **OPTICAL NAVIGATION DEVICE COMPONENT**

(75) Inventor: **Mathieu Reigneau**, Amilly (FR)

(73) Assignee: **STMicroelectronics (R&D) Ltd**,
Buckinghamshire (GB)

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

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(22) Filed: **Jul. 7, 2010**

(30) **Foreign Application Priority Data**

Jan. 7, 2010 (EM) 001654658

(51) **LOC (9) Cl.** **10-05**

(52) **U.S. Cl.** **D10/65**

(58) **Field of Classification Search** D10/65;
D14/315, 336, 337, 341, 342, 343; 342/386,
342/351, 419, 457, 357.2-357.78, 450, 458;
343/702; 345/87, 104, 133, 156, 168, 173,
345/901-905; 348/180, 184, 315, 739; 364/444,
364/499; 701/206-209, 213, 214
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,320,177 B1 11/2001 Sayag
D549,116 S * 8/2007 Rhine et al. D10/65
D614,979 S * 5/2010 McNames et al. D10/65
2002/0030669 A1 3/2002 Funakoshi
2004/0252091 A1 12/2004 Ma et al.
2006/0144934 A1 7/2006 Fletgher et al.
2006/0227120 A1 10/2006 Eikman
2008/0029691 A1 2/2008 Han
2008/0252619 A1 10/2008 Crockett et al.
2009/0033637 A1 2/2009 Han
2009/0267919 A1 10/2009 Chao et al.
2010/0079408 A1 4/2010 Leong et al.

FOREIGN PATENT DOCUMENTS

JP 2003167195 12/2001
KR 20080043412 11/2006

OTHER PUBLICATIONS

Search Report from Great Britain Application No. GB1000349.9 dated May 11, 2010.

Search Report from Great Britain Application No. GB1000347.3 dated May 7, 2010.

Search Report from Great Britain Application No. GB1000348.1 dated May 11, 2010.

* cited by examiner

Primary Examiner — Antoine D Davis

(74) *Attorney, Agent, or Firm* — Workman Nydegger

(57) **CLAIM**

The ornamental design for an optical navigation device component, as shown and described.

DESCRIPTION

FIG. 1 is a bottom-perspective view of the present invention showing an embodiment of an optical navigation device component;

FIG. 2 is a bottom view of the embodiment shown in FIG. 1; FIG. 3 is a side view of the embodiment shown in FIG. 1; FIG. 4 is an opposing side view of the embodiment shown in FIG. 1;

FIG. 5 is an end view of the embodiment shown in FIG. 1; FIG. 6 is an opposing end view of the embodiment shown in FIG. 1;

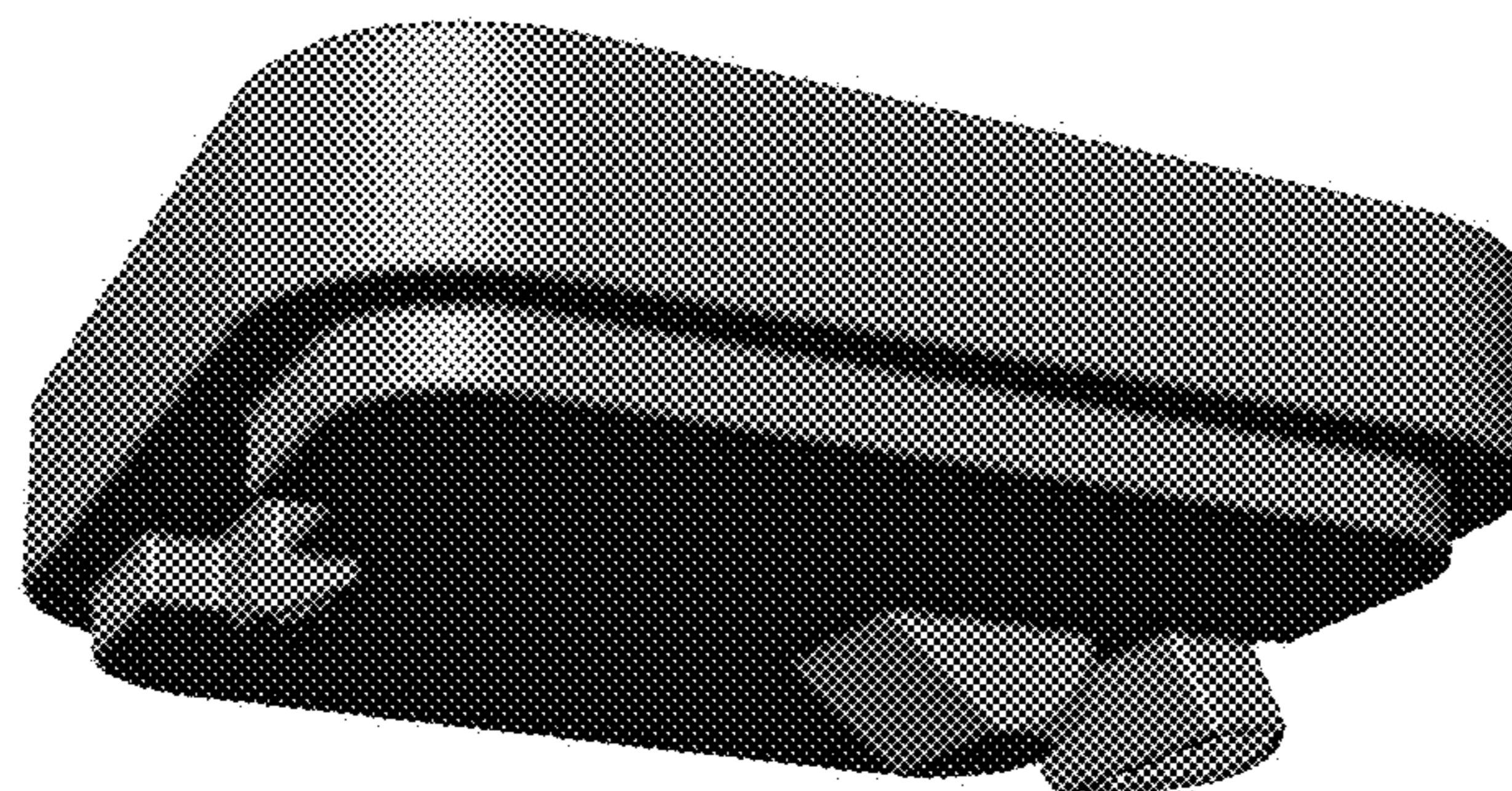
FIG. 7 is a top view of the embodiment shown in of FIG. 1; FIG. 8 is a bottom-perspective view of the present invention showing another embodiment of an optical navigation device component;

FIG. 9 is a bottom view of the embodiment shown in FIG. 8; FIG. 10 is side view of the embodiment shown in FIG. 8; FIG. 11 is an opposing side view of the embodiment shown in FIG. 8;

FIG. 12 is an end view of the embodiment shown in FIG. 8; FIG. 13 is an opposing end view of the embodiment shown in FIG. 8; and,

FIG. 14 is a top view of the embodiment shown in of FIG. 8.

1 Claim, 6 Drawing Sheets



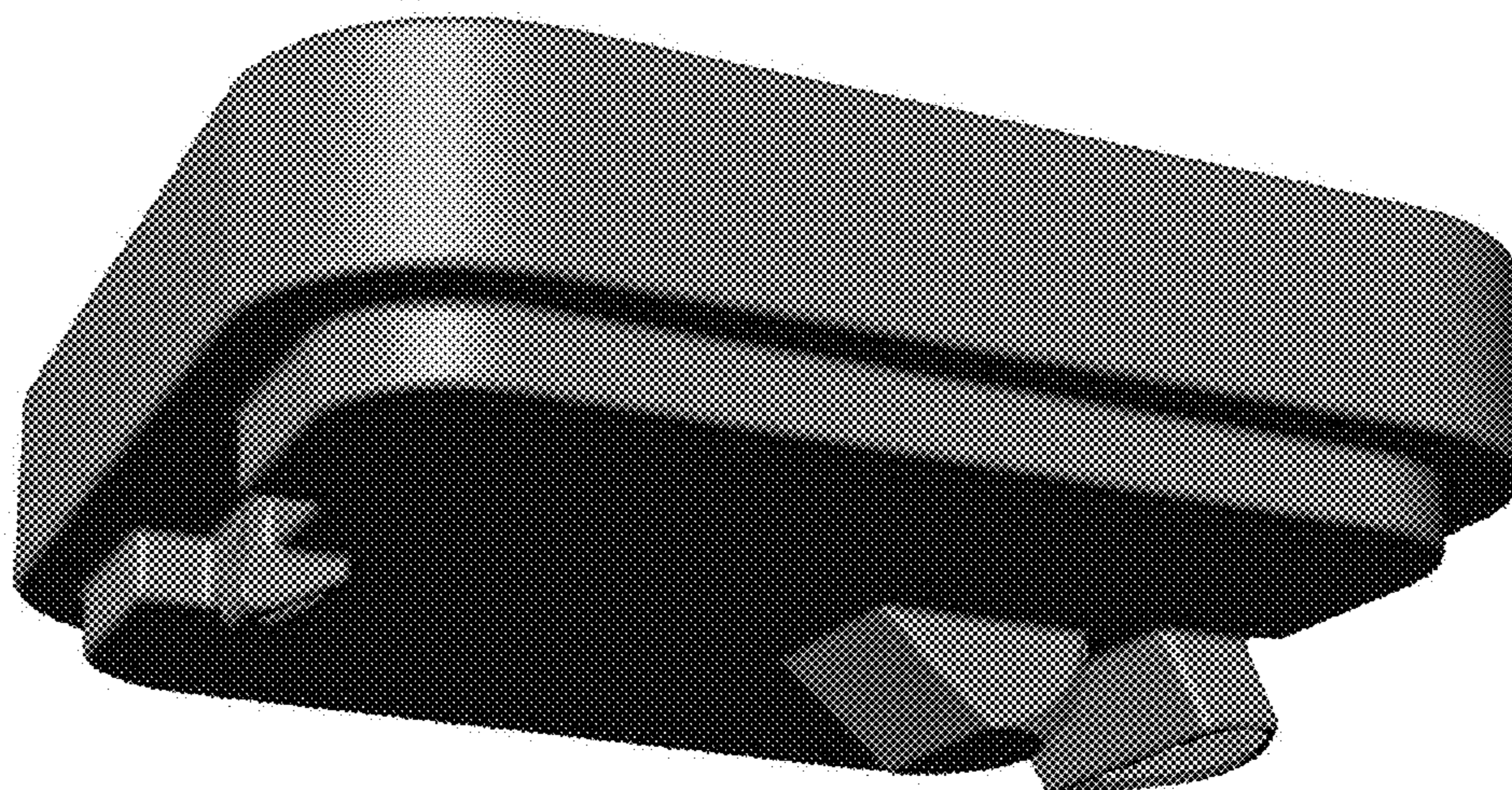


FIG. 1

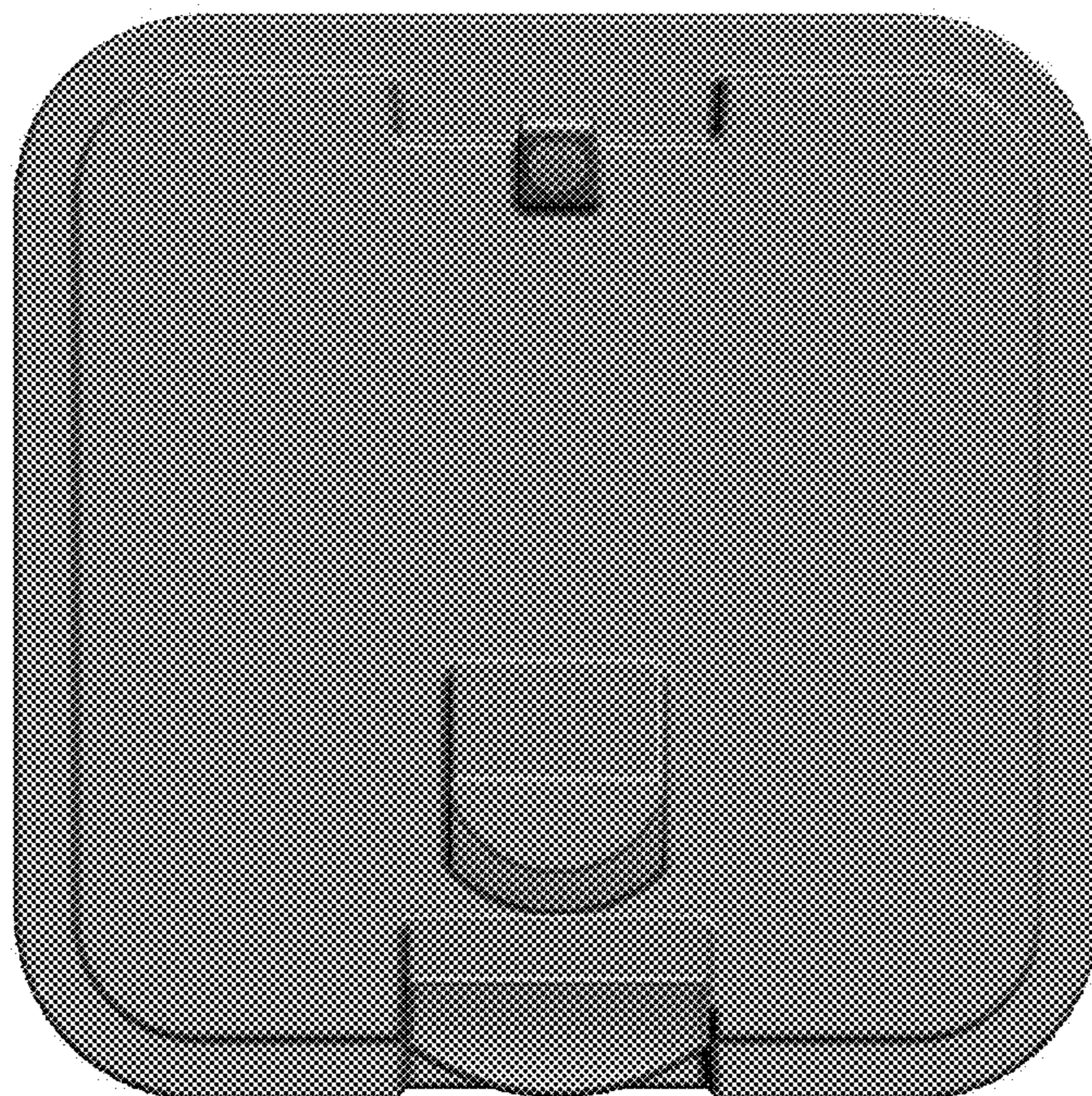


FIG. 2

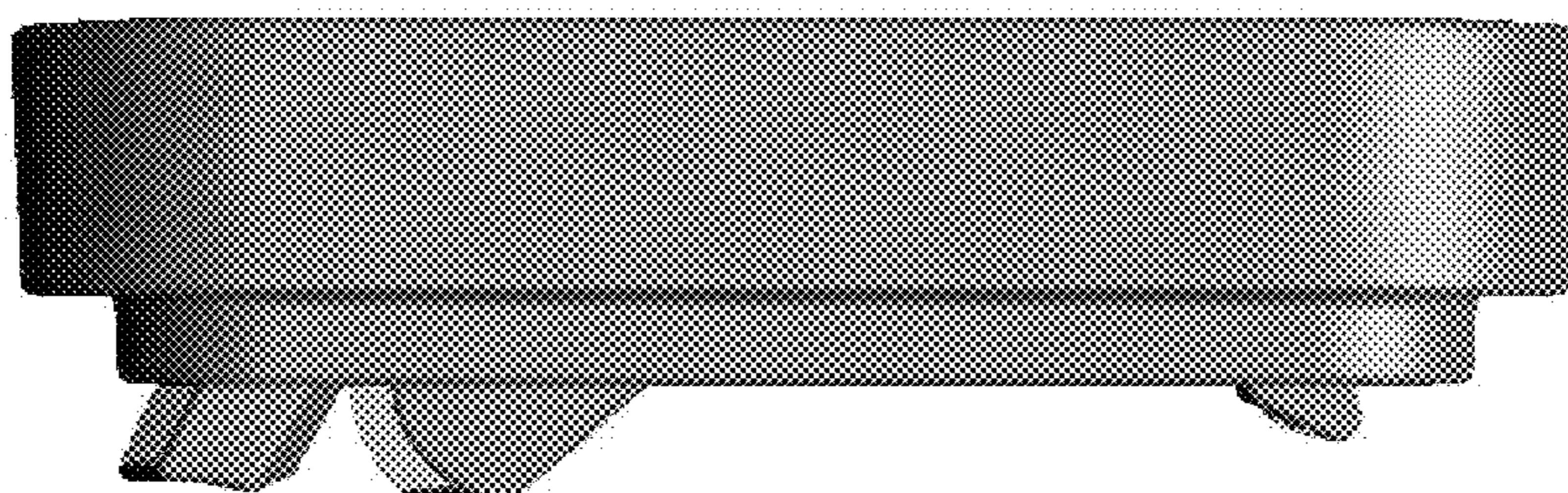


FIG. 3

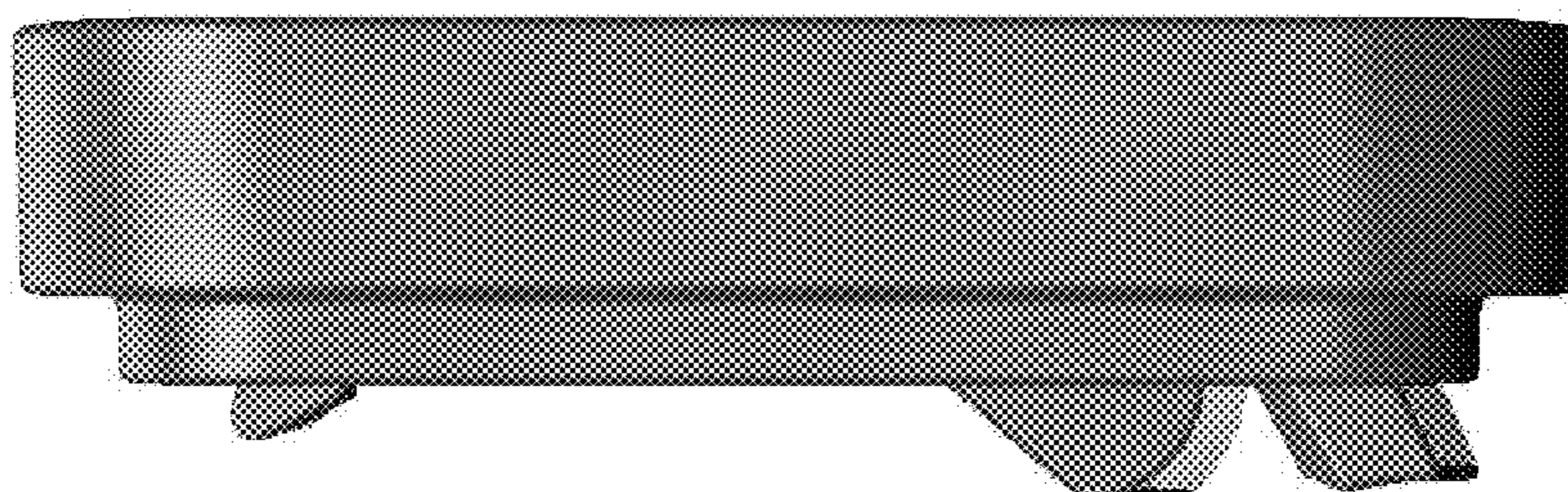


FIG. 4

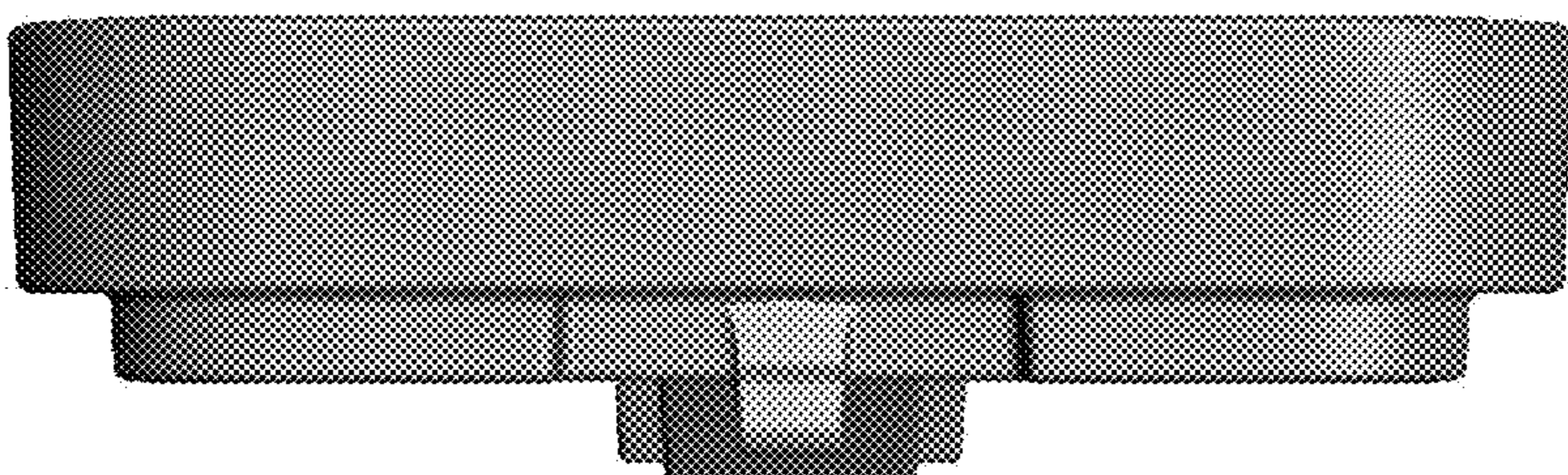


FIG. 5

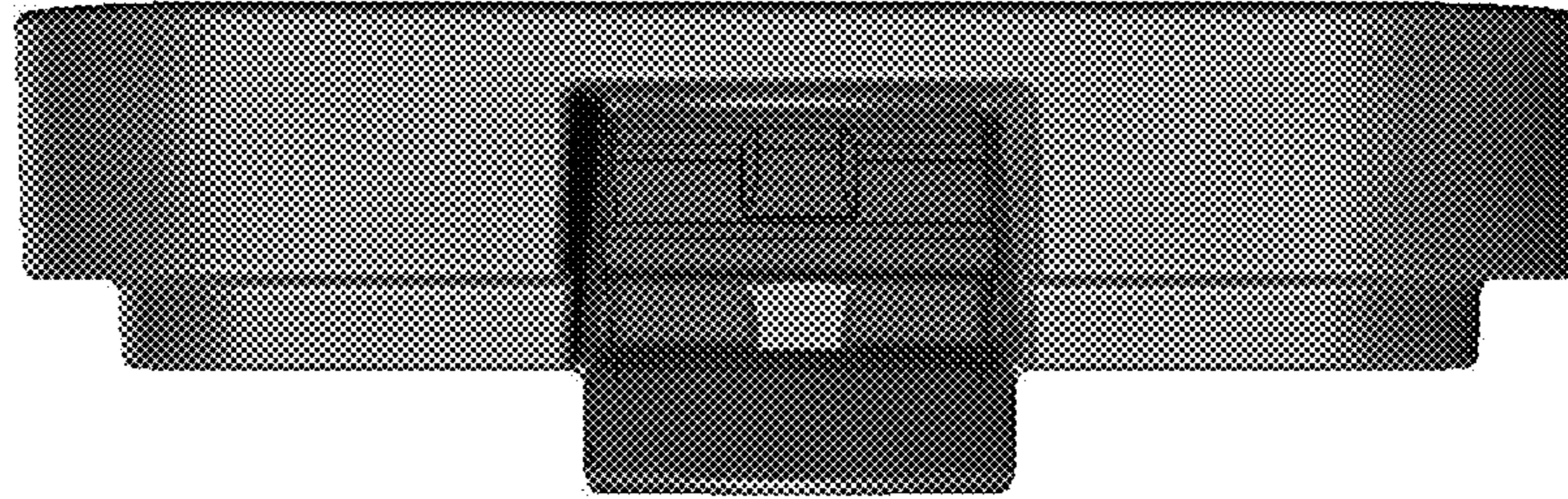


FIG. 6

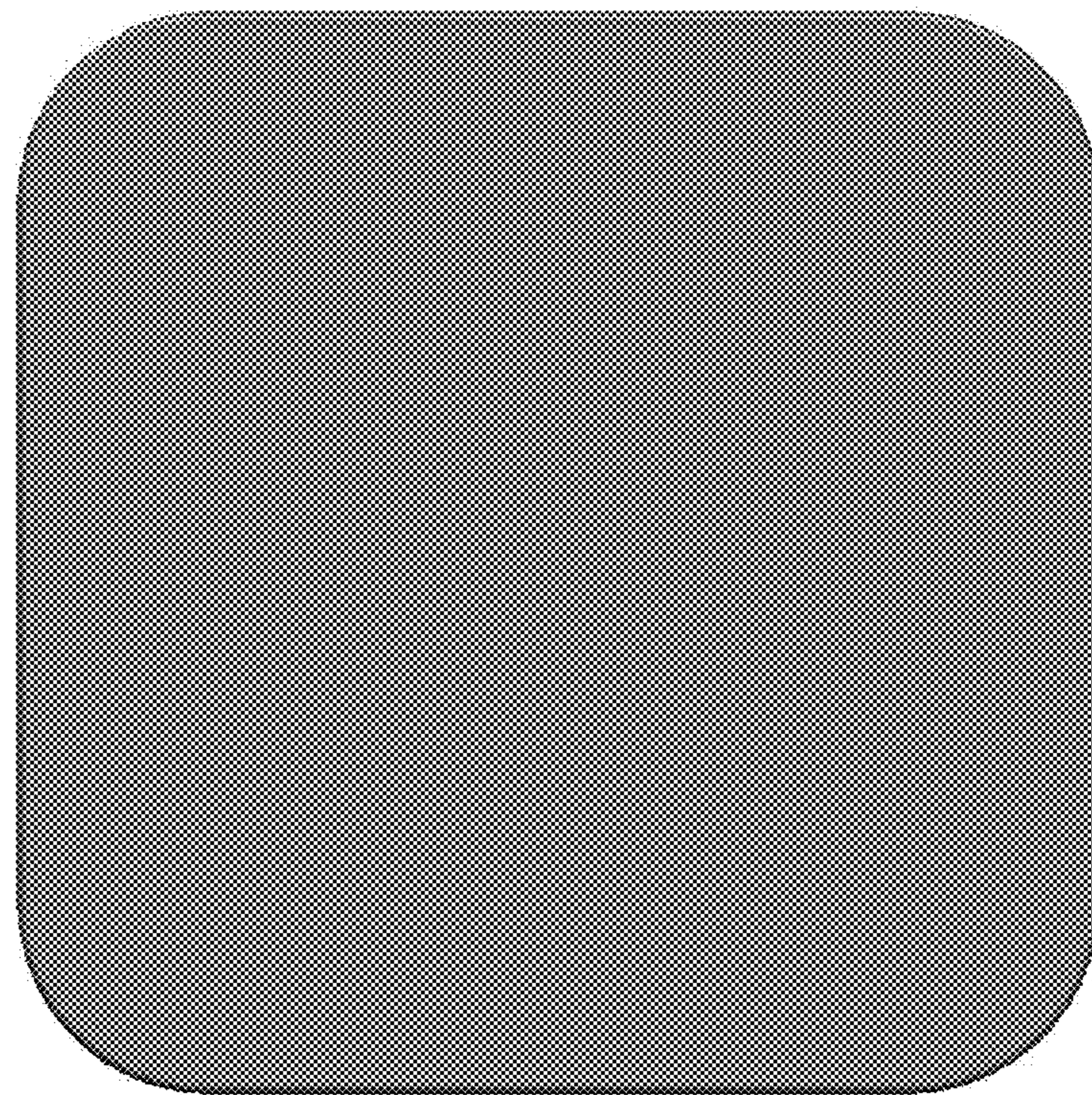


FIG. 7

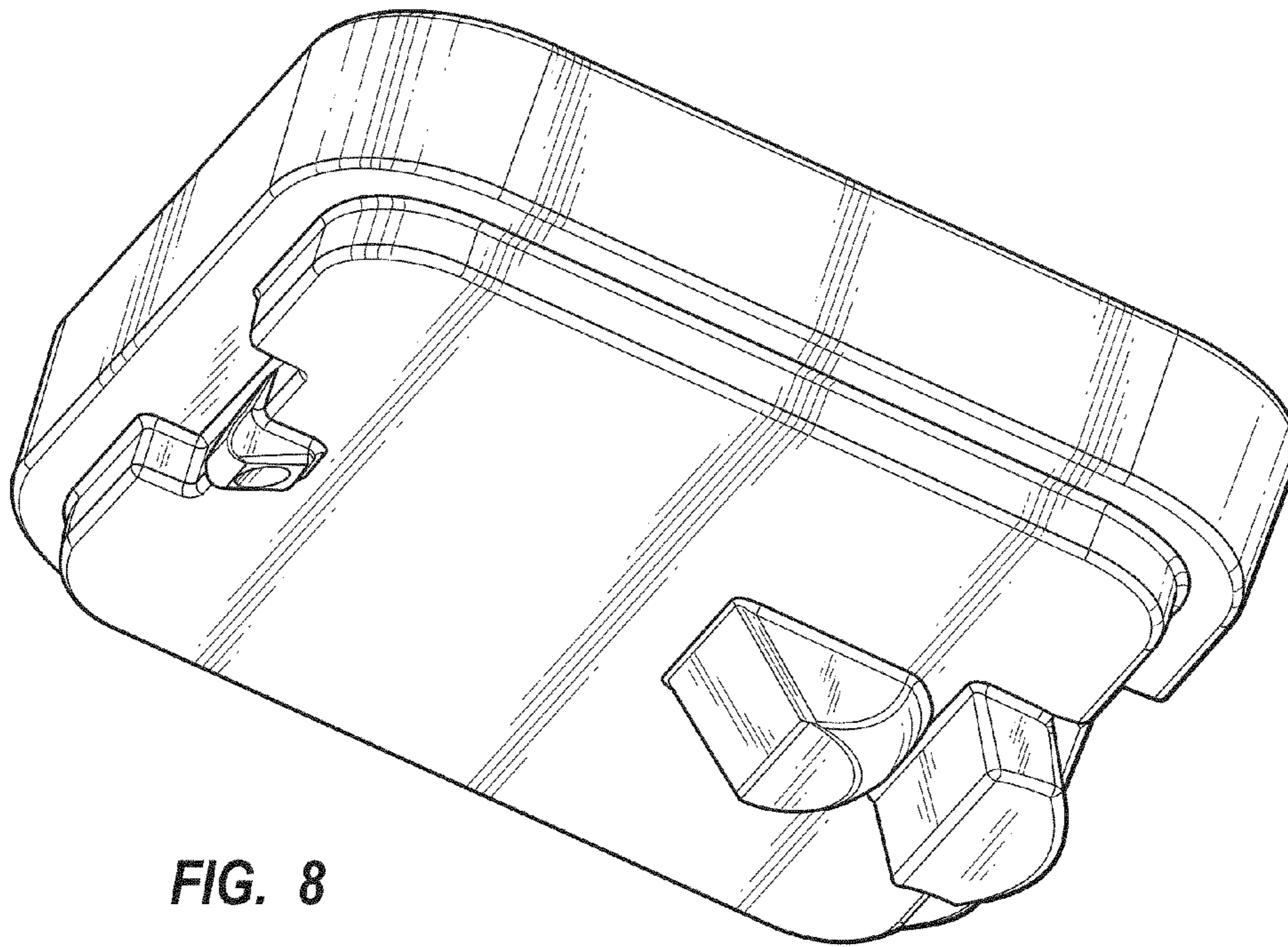


FIG. 8

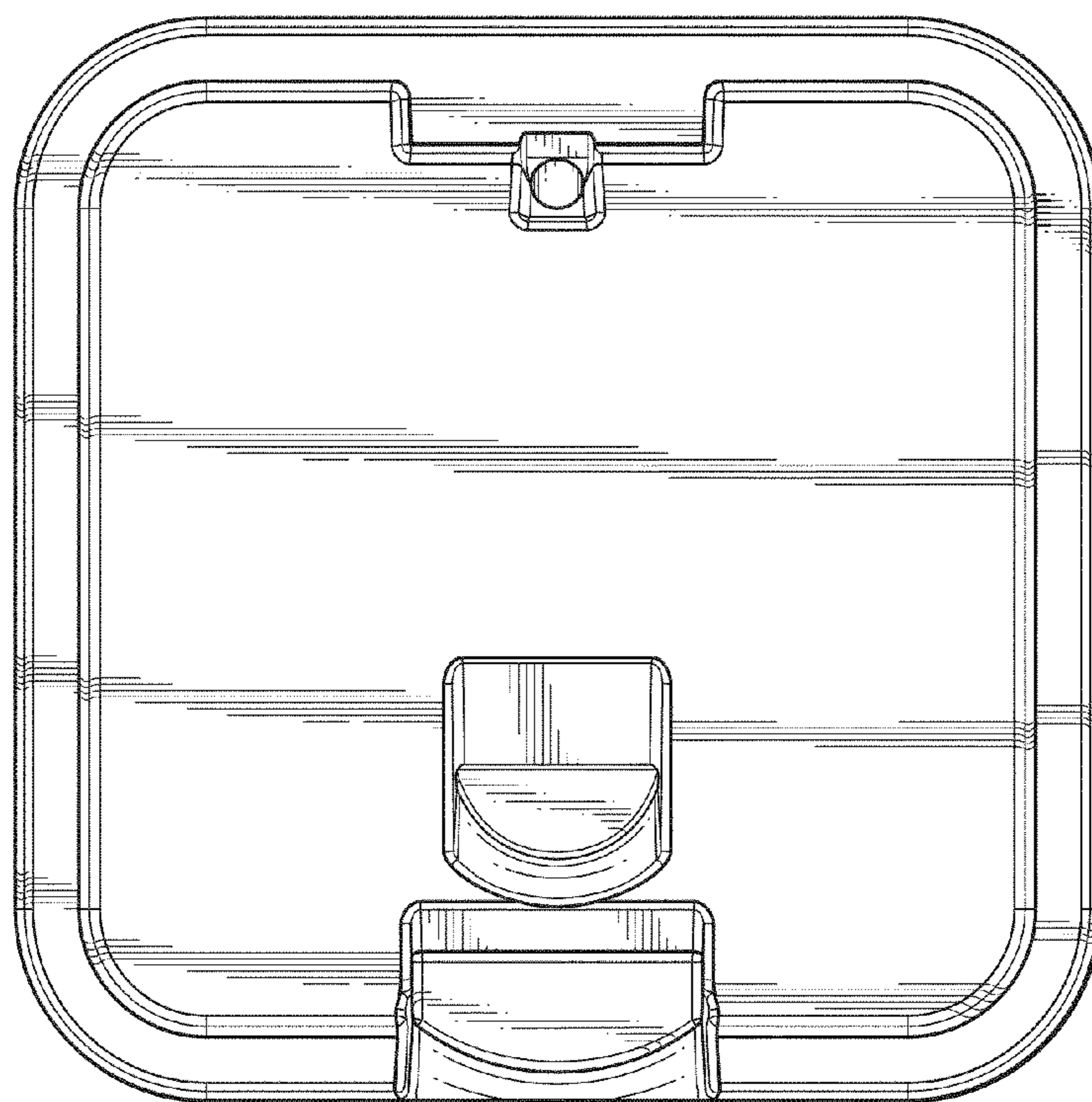


FIG. 9

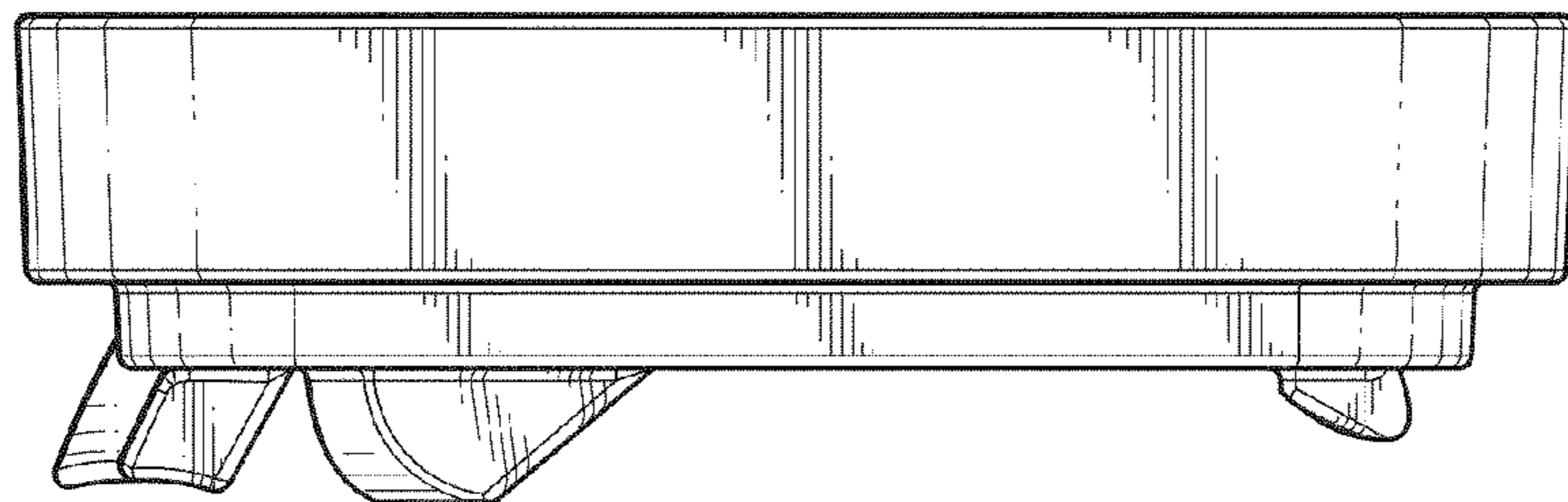


FIG. 10

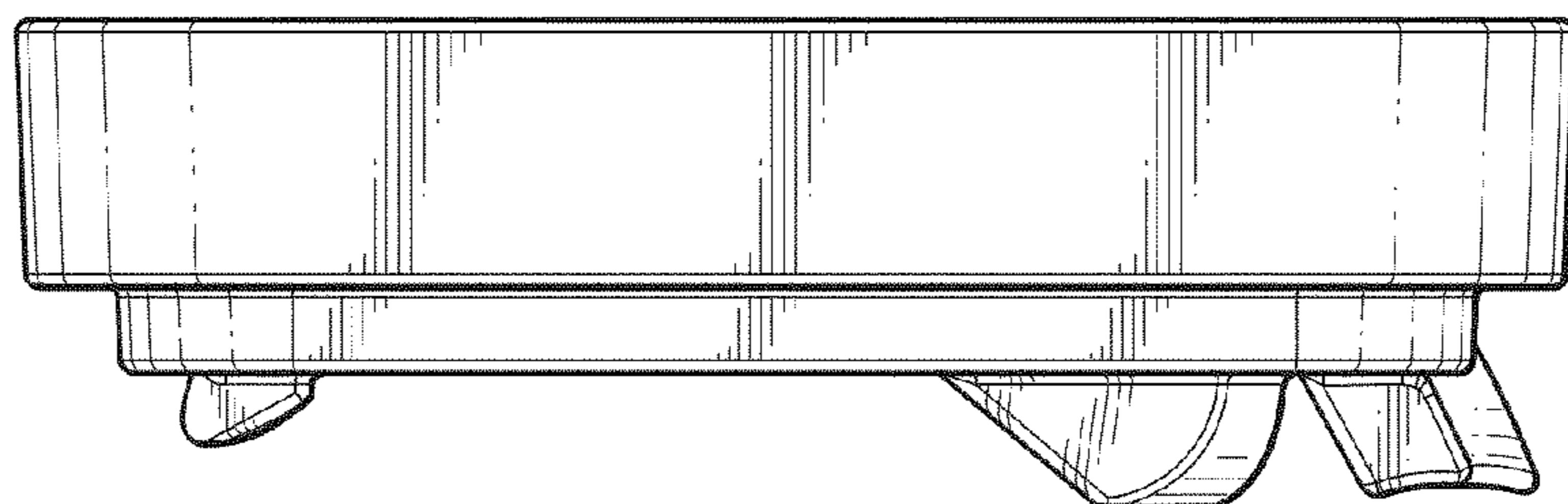


FIG. 11

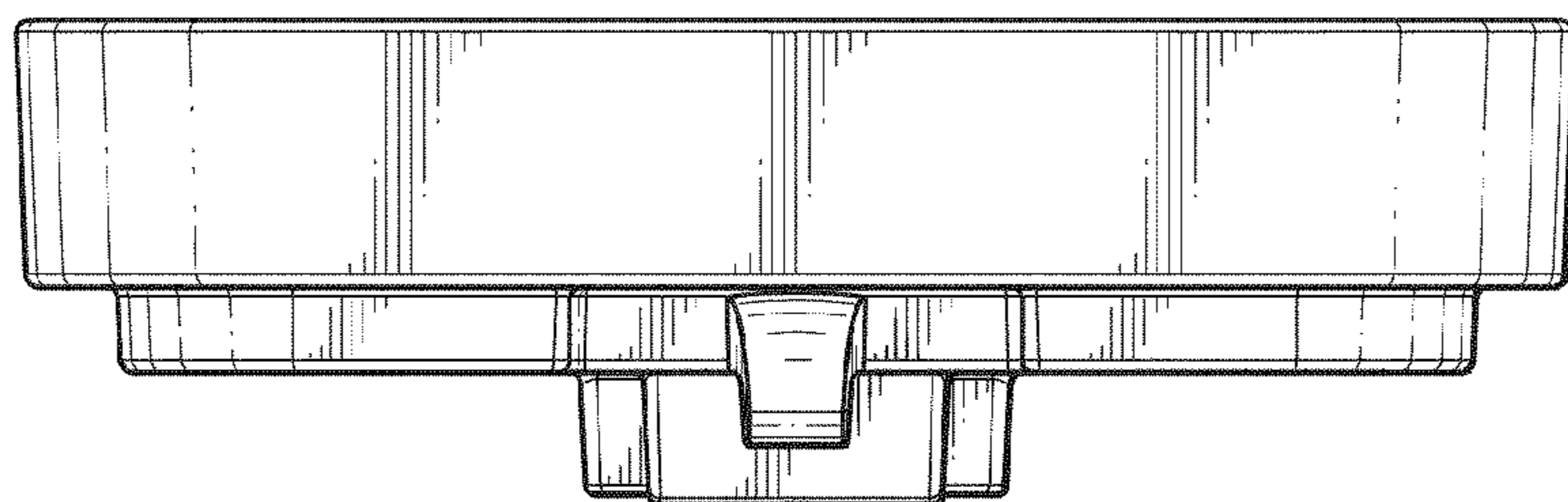


FIG. 12

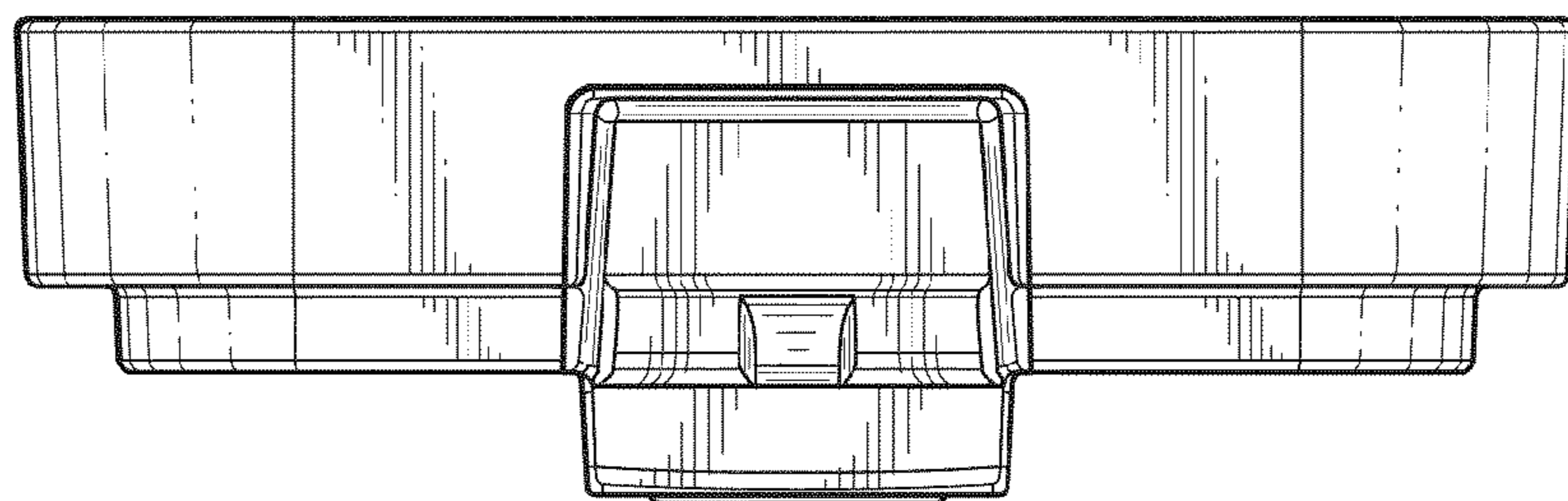


FIG. 13

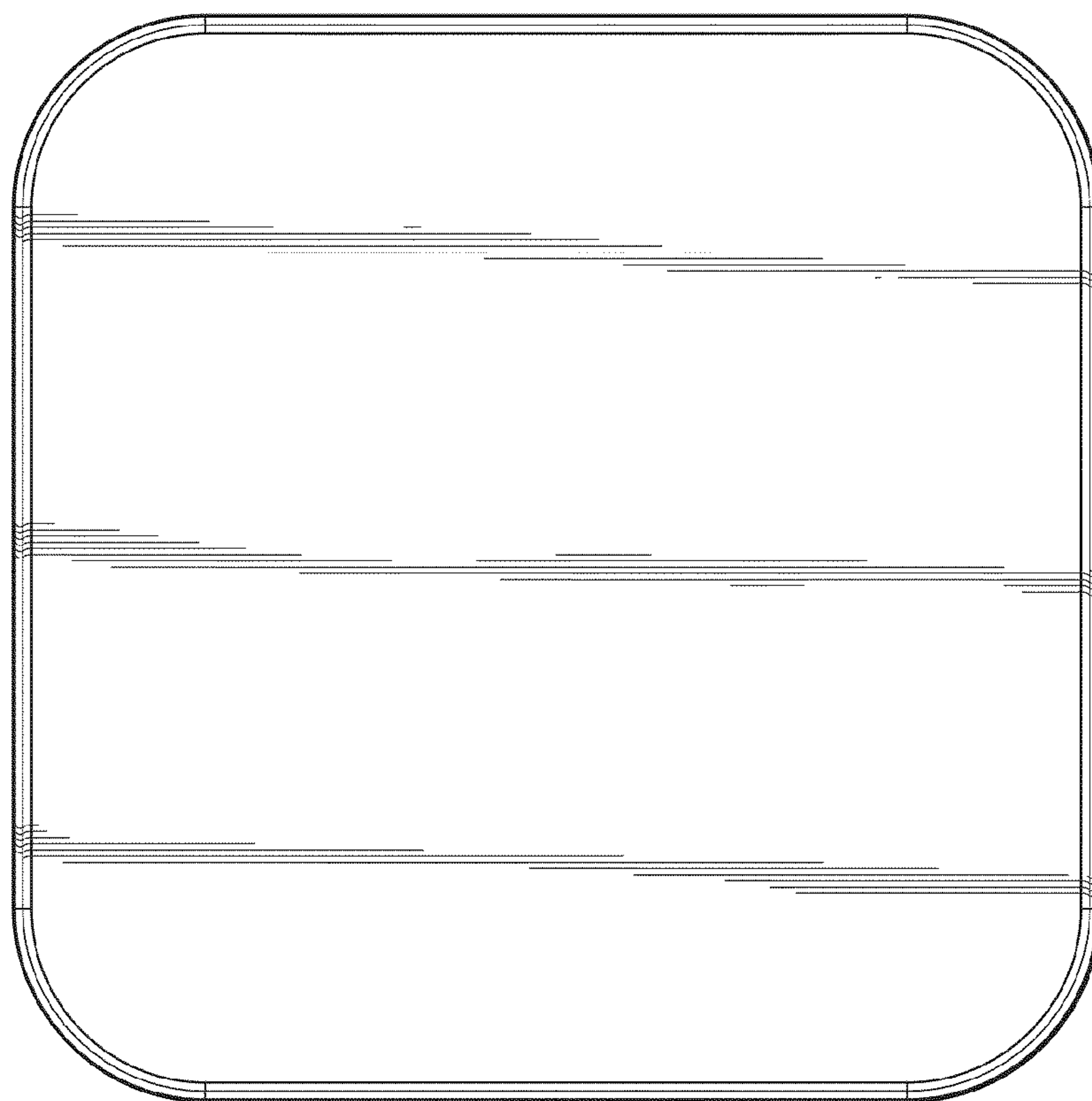


FIG. 14