



US00D899717S

(12) **United States Design Patent** (10) **Patent No.:** **US D899,717 S**
Van Curen et al. (45) **Date of Patent:** **** Oct. 20, 2020**

(54) **ANIMAL TRAINING TRANSMITTER**

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(57) **CLAIM**

The ornamental design for an “animal training transmitter”, as shown and described.

(73) Assignee: **E-Collar Technologies, Inc.**, Garrett, IN (US)

DESCRIPTION

(**) Term: **15 Years**

(21) Appl. No.: **29/683,629**

(22) Filed: **Mar. 14, 2019**

(51) **LOC (12) Cl.** **30-99**

(52) **U.S. Cl.**
USPC **D30/199**

(58) **Field of Classification Search**
USPC D30/151–155, 144, 199, 160;
119/792–798, 850, 855–859, 863–865,
119/654, 905, 907, 815, 712, 802, 784,
119/769, 760, 776, 862, 908, 860,
119/719–721; 242/381.1–381.2, 385.4,
242/378.3, 376.1, 385.1, 916, 601, 570,
242/405, 404, 371, 223, 170, 388.1,
242/405.2, 377, 381.3, 381.6, 405.3,
242/388.6, 384.7, 382, 396.1, 404.1, 380;
362/108; 33/767, 769, 414; D12/400;
D3/229, 230, 207, 208, 215; 40/1.5, 455,
40/640, 303; 206/63.3, 459.5, 702, 408;
(Continued)

FIG. 1 is a perspective view of an animal training transmitter according to the present invention;
FIG. 2 is a front view of an animal training transmitter according to the present invention;
FIG. 3 is a rear view of an animal training transmitter according to the present invention;
FIG. 4 is a left side view of an animal training transmitter according to the present invention;
FIG. 5 is a right side view of an animal training transmitter according to the present invention;
FIG. 6 is a top view of an animal training transmitter according to the present invention;
FIG. 7 is a bottom view of an animal training transmitter according to the present invention; and,
FIG. 8 is a reference view showing a belt mounted to the animal training transmitter of the present invention, with the portion in the phantom lines forming no part of the claimed invention.

The broken line showing of a belt in FIG. 8, illustratively depicts an exemplary in-use element that forms no part of the design claim but is included to show the invention in context.

The animal training transmitter of this design is made of metal and synthetic resin. The animal training transmitter of this design transmits a control signal to allow a wirelessly connected receiver to generate a stimulation with an aim of training an animal. The animal training transmitter of this design is mainly used to train a dog. The animal training transmitter of this design is combined with a belt to allow a user to easily hold while in use as shown in FIG. 8.

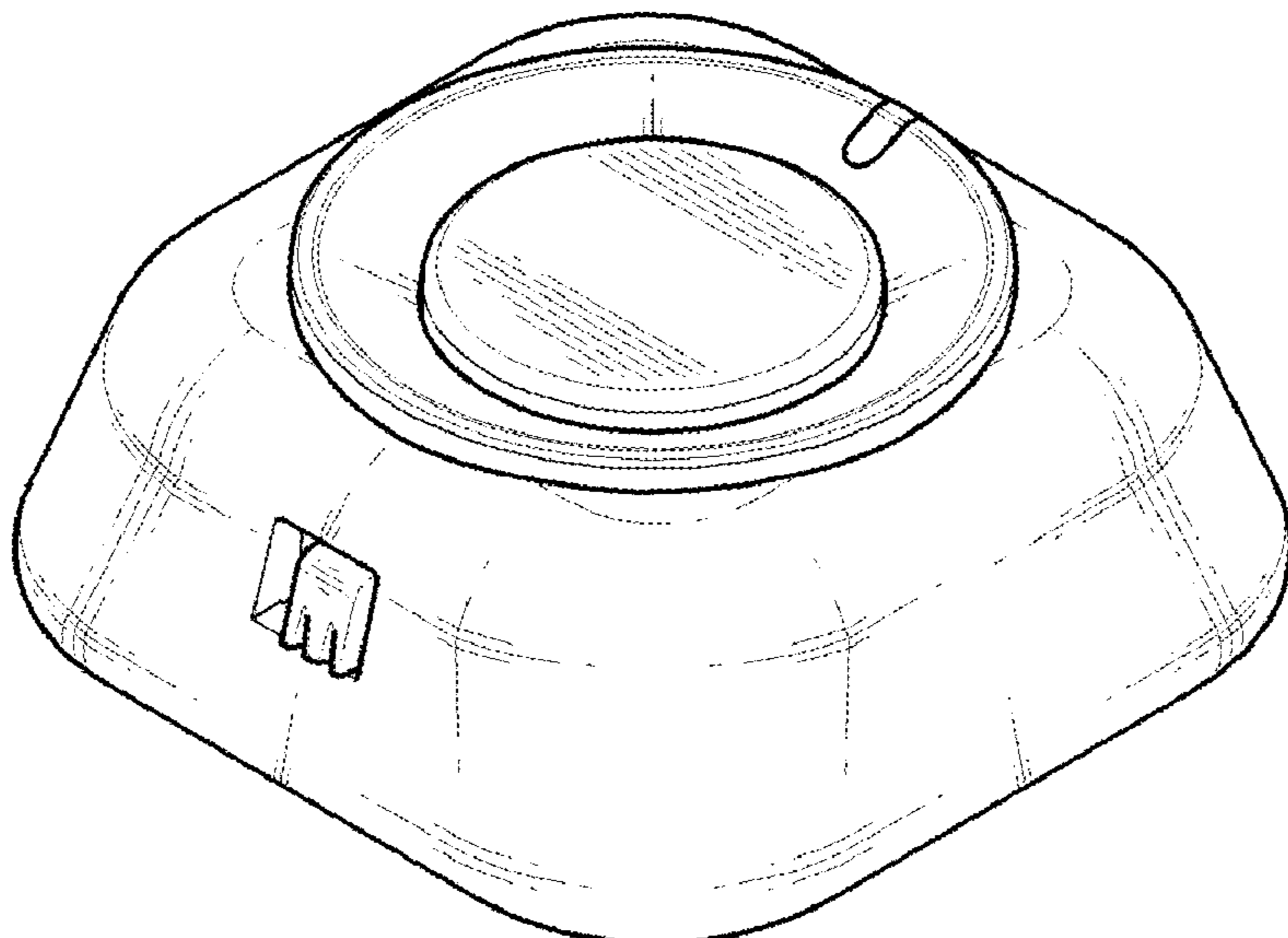
(56) **References Cited**

U.S. PATENT DOCUMENTS

D440,509 S * 4/2001 Greene D30/199
7,222,589 B2 * 5/2007 Lee, IV A01K 15/022
119/718

(Continued)

1 Claim, 3 Drawing Sheets



(58) Field of Classification Search

USPC D6/515; D8/358, 360, 347, 360.1, 359,
 D8/356, DIG. 1; D24/145; D10/57, 104,
 D10/72, 106, 104.1, 104.2, 32, 38;
 D20/28; 224/666, 678; 16/445; 283/74,
 283/70; D11/232, 200, 216, 1, 2, 3, 4,
 D11/86, 87, 201, 206–210, 212–215, 218;
 24/163 K, 122.3, 323, 702, 600.4–600.7,
 24/163 R, 169–171, 173, 177–179, 191,
 24/194, 195, 197, 200, 303, 616, 635,
 24/313, 615, 3, 6, 3 K, 599.2, 96, 221,
 24/237, 311, 312, 314, 321, 338, 339,
 24/309; 428/3, 4; 54/76, 1, 71; 63/29.1,
 63/3; 191/12.2 R, 12.4; D13/154, 153,
 D13/137.4, 155, 103; D19/69, 67;
 379/438; 446/26; 473/576; D22/140;
 174/135; 439/504, 13, 501; D34/33;
 188/83, 82.1, 65.1; 254/134.3 FT;
 D29/124; D2/627, 624, 633, 625;
 132/145, 146, 148; 2/314; 59/79.1;
 340/573.3, 573.1, 573; 343/895;
 278/8 AES; 231/7; 361/232; D14/344
 CPC A01K 15/021; A01K 15/02; A01K 15/022;
 A01K 15/023; A01K 15/029; A01K
 15/04; A01K 15/00; A01K 15/006; A01K
 27/009; A01K 27/00; A01K 27/001;
 A01K 27/005–008; A01K 29/005; A01K
 29/00; A01K 11/006; A01K 11/008

See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

7,918,578	B2 *	4/2011	Spartano	F21V 29/89 362/105
D699,758	S *	2/2014	Lavin	D14/496
D706,159	S *	6/2014	Ma	D11/3
D725,323	S *	3/2015	Fang	D10/104.1
D725,324	S *	3/2015	Schrick	D10/104.1
D762,506	S *	8/2016	Windstrup	D10/106.7
D771,039	S *	11/2016	Windstrup	D14/356
D788,999	S *	6/2017	Zinn	D30/152
D800,077	S *	10/2017	Windstrup	D13/162.1
9,999,201	B2 *	6/2018	Lutz	A01K 27/006
D836,858	S *	12/2018	Zinn	D30/199
D880,082	S *	3/2020	Zinn	D30/152
2007/0086182	A1 *	4/2007	Kelly	B68B 5/00 362/108
2009/0128343	A1 *	5/2009	Wu	A63H 3/003 340/573.1
2010/0050954	A1 *	3/2010	Lee, IV	A01K 15/022 119/718
2011/0109461	A1 *	5/2011	Aninye	G08B 21/0288 340/573.4
2012/0122519	A1 *	5/2012	Jochheim	H01Q 9/0407 455/556.1
2013/0258686	A1 *	10/2013	Ford	F21V 19/02 362/396
2014/0261233	A1 *	9/2014	So	A01K 27/009 119/720

* cited by examiner

FIG. 1

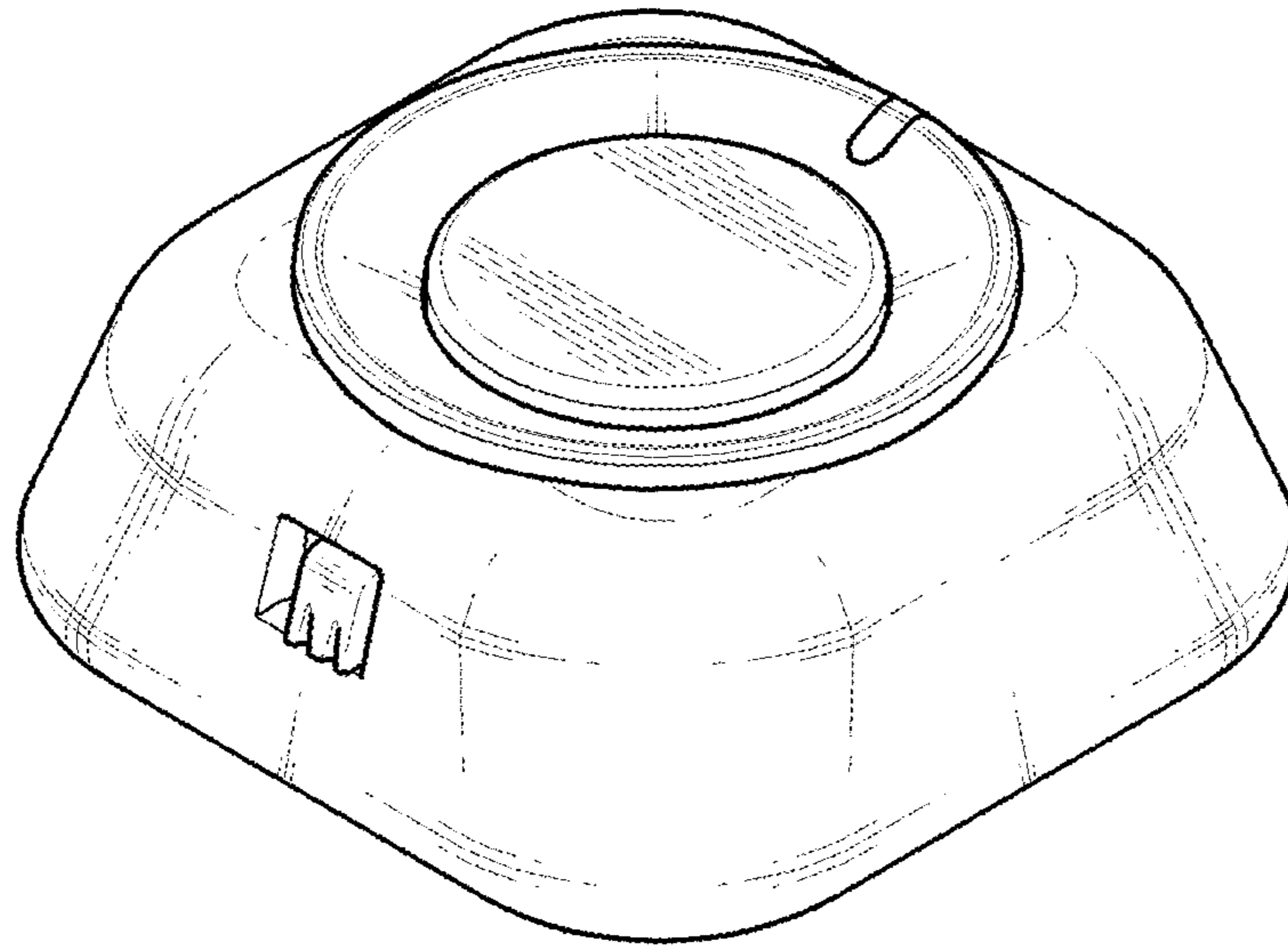


FIG. 2

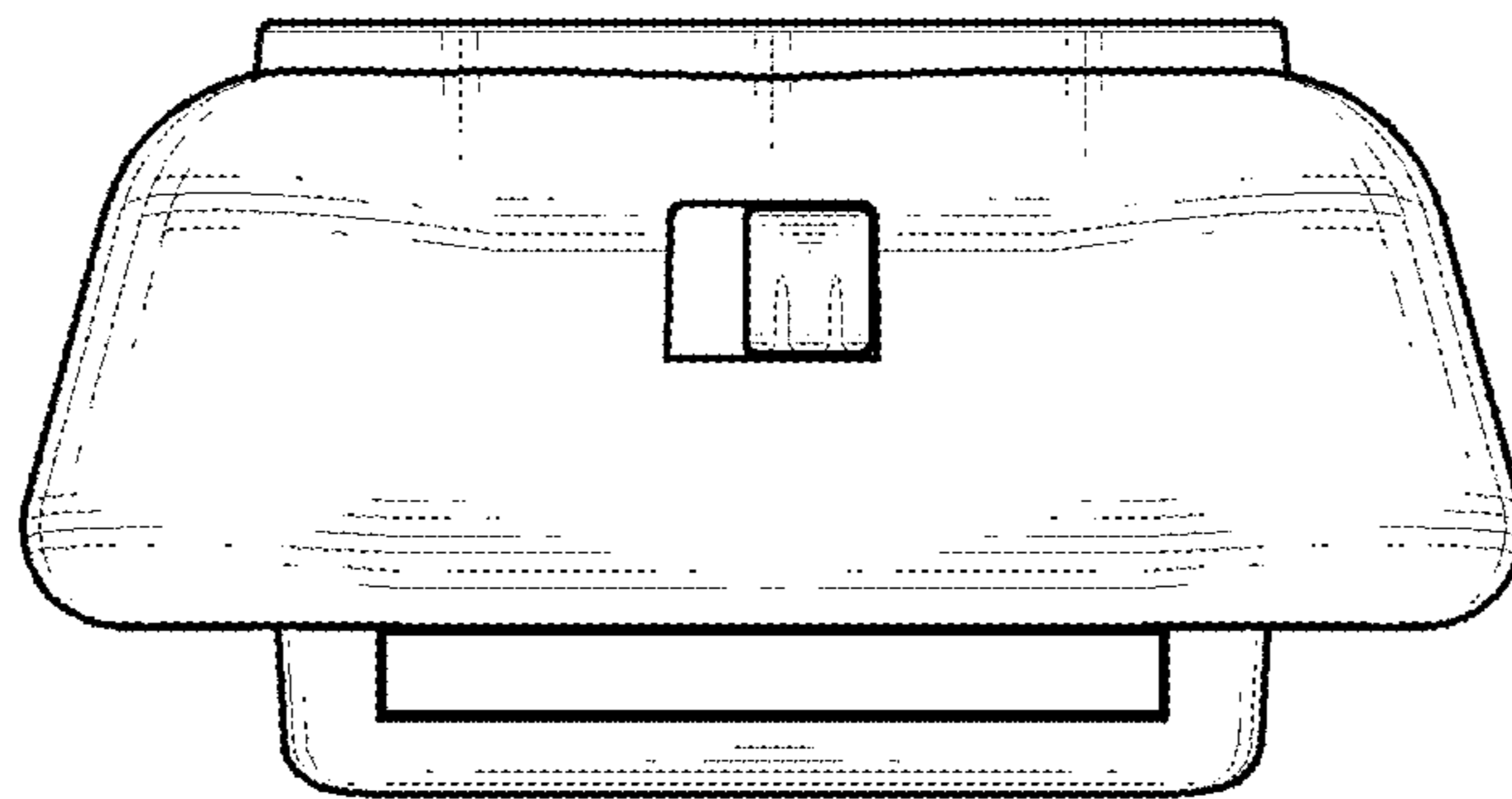


FIG. 3

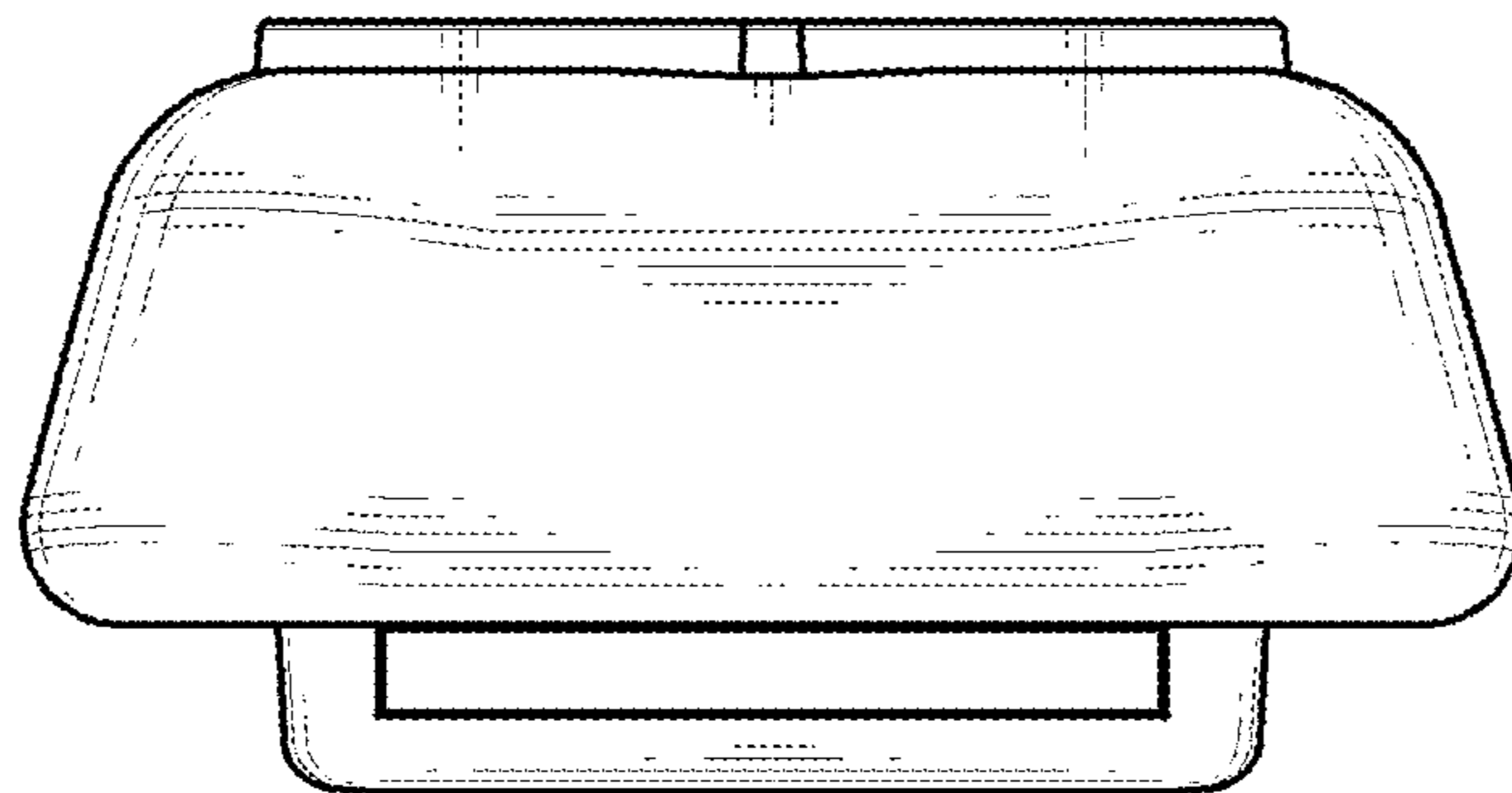


FIG. 4

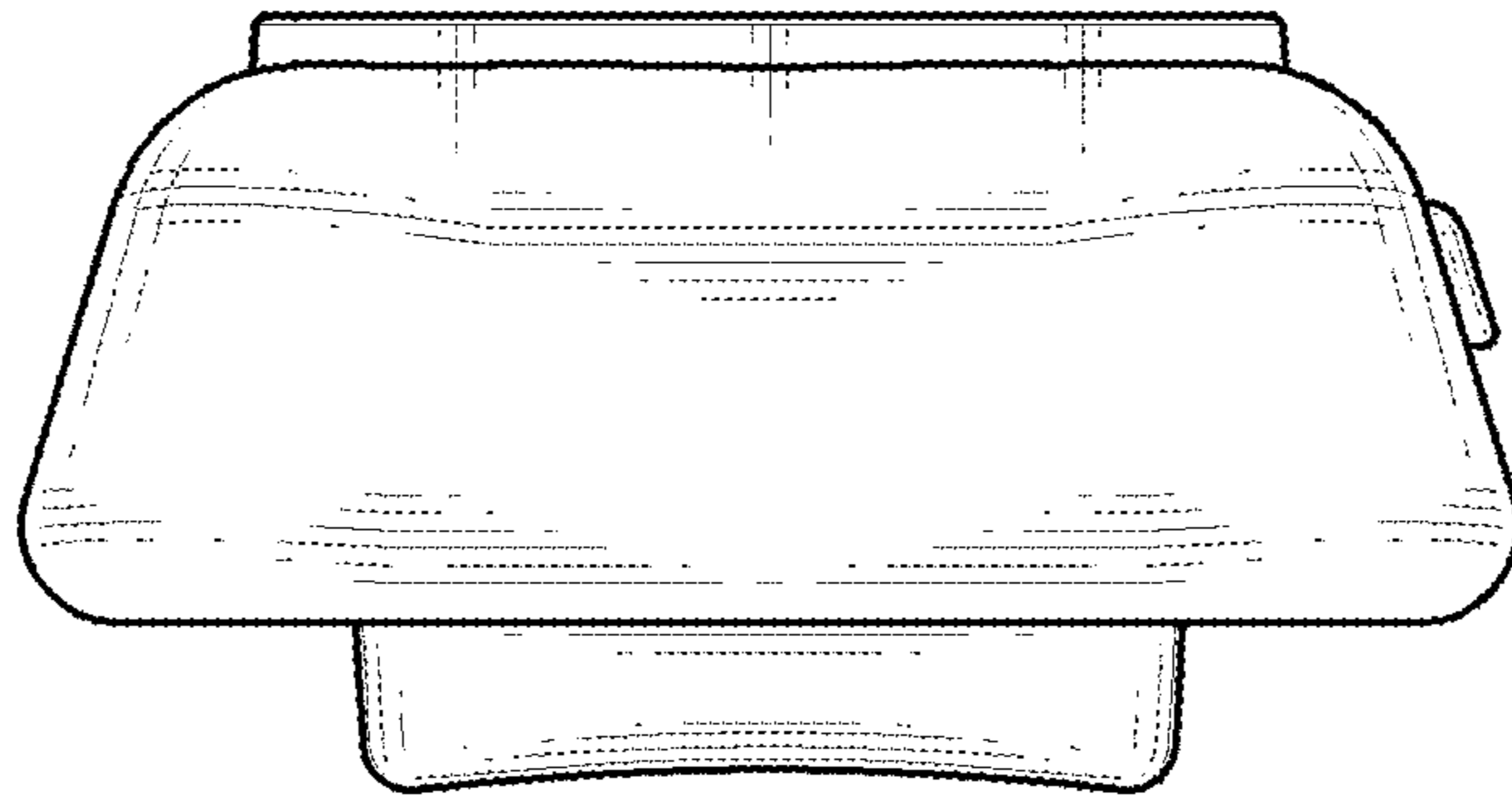


FIG. 5

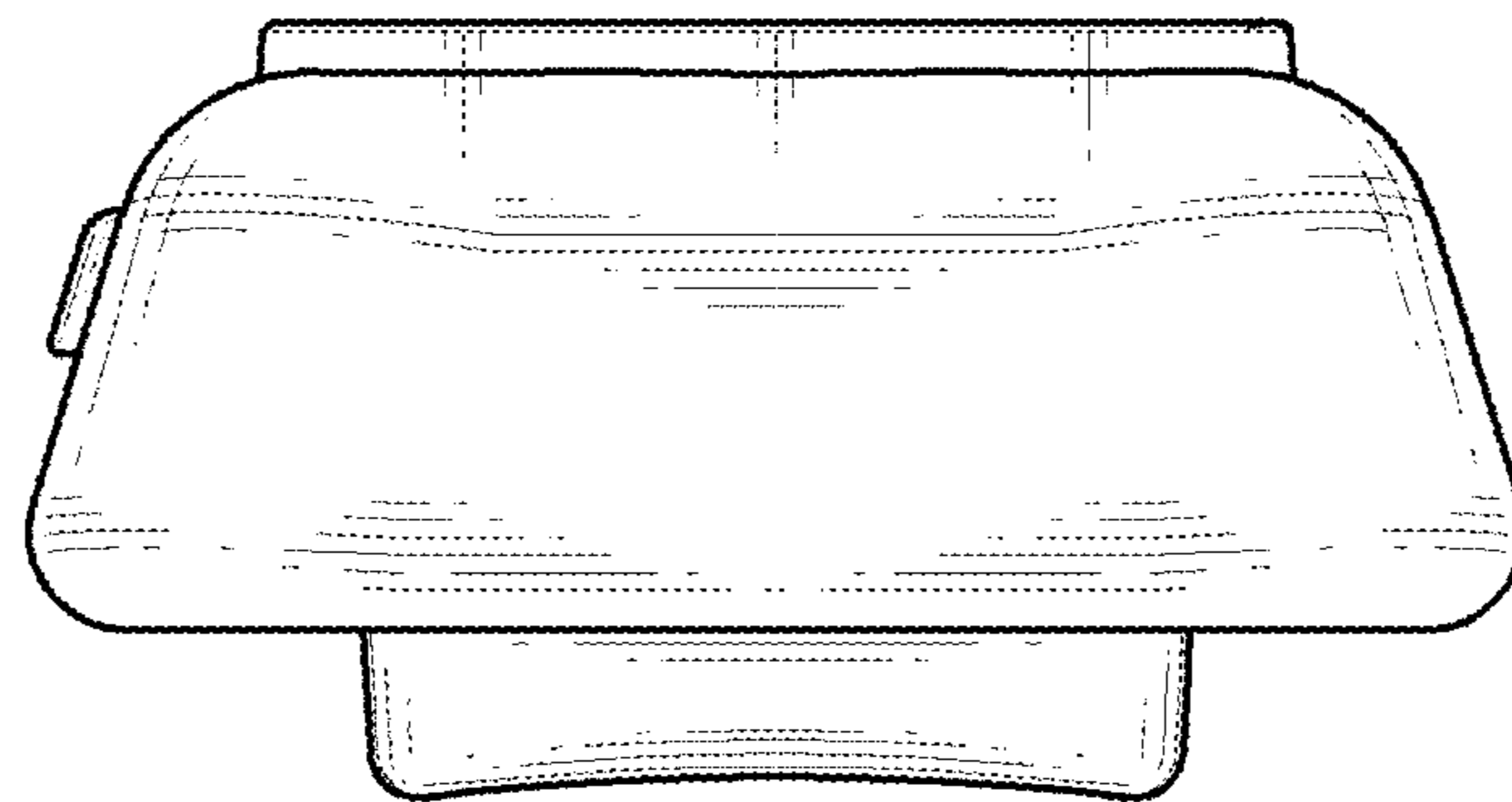


FIG. 6

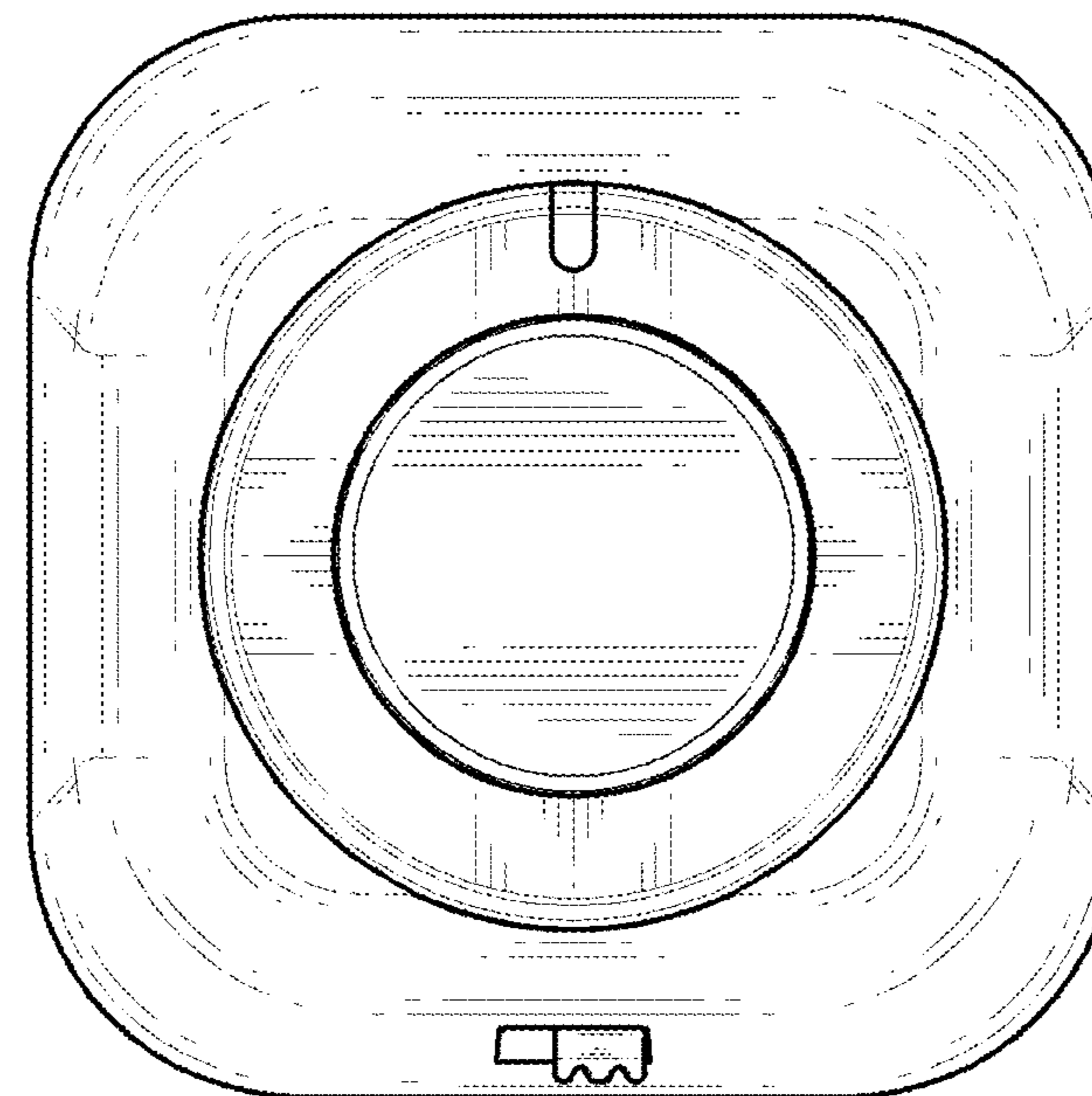


FIG. 7

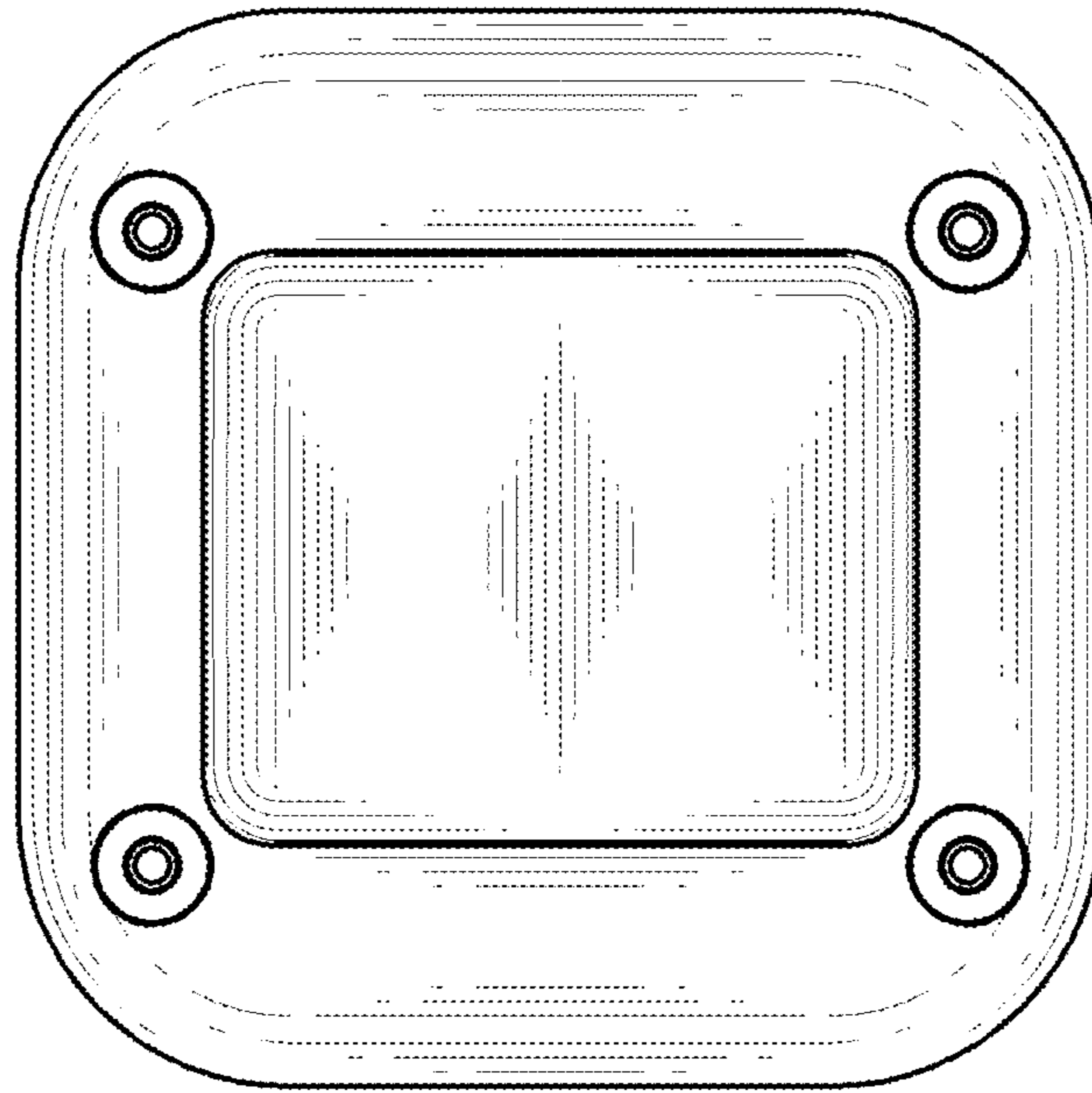


FIG. 8

