

US00D946350S

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

(10) **Patent No.:** **US D946,350 S**  
(45) **Date of Patent:** **\*\* Mar. 22, 2022**

(54) **EXTRUSION FITTING**

(71) Applicant: **TAYLOR COMMERCIAL FOODSERVICE, LLC**, Rockton, IL (US)

(72) Inventors: **James J. Minard**, Rockton, IL (US);  
**Nathan A. Matz**, Rockton, IL (US)

(73) Assignee: **TAYLOR COMMERCIAL FOODSERVICE, LLC**, Rockton, IL (US)

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

(21) Appl. No.: **29/697,353**

(22) Filed: **Jul. 8, 2019**

(51) **LOC (13) Cl.** ..... **31-00**

(52) **U.S. Cl.**  
USPC ..... **D7/412**

(58) **Field of Classification Search**  
USPC ..... D7/372, 376-386, 412-413, 602, 629,  
D7/665-666, 669, 679, 693-694  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D181,157 S \* 10/1957 Madl ..... D7/372  
5,486,100 A \* 1/1996 Hsu ..... A21C 1/02  
366/309

(Continued)

**FOREIGN PATENT DOCUMENTS**

EP 2267340 12/2010  
WO 2017/176580 10/2017

(Continued)

**OTHER PUBLICATIONS**

Search Report & Written Opinion issued in Int'l Appl. No. PCT/US2020/040861 (2020).

(Continued)

*Primary Examiner* — Ricky Pham

(74) *Attorney, Agent, or Firm* — Barnes & Thornburg LLP

(57) **CLAIM**

We claim the ornamental design for an extrusion fitting, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of a first embodiment of an extrusion fitting;

FIG. 2 is a top plan view thereof;

FIG. 3 is a bottom plan view thereof;

FIG. 4 is a front elevation view thereof;

FIG. 5 is a rear elevation view thereof;

FIG. 6 is a right side elevation view thereof;

FIG. 7 is a left side elevation view thereof; and

FIG. 8 is transverse section view thereof, taken along line 8-8 of FIG. 2;

FIG. 9 is a top perspective view of a second embodiment of an extrusion fitting;

FIG. 10 is a top plan view thereof;

FIG. 11 is a bottom plan view thereof;

FIG. 12 is a front elevation view thereof;

FIG. 13 is a rear elevation view thereof;

FIG. 14 is a right side elevation view thereof;

FIG. 15 is a left side elevation view thereof; and

FIG. 16 is transverse section view thereof, taken along line 16-16 of FIG. 10;

FIG. 17 is a top perspective view of a third embodiment of an extrusion fitting;

FIG. 18 is a top plan view thereof;

FIG. 19 is a bottom plan view thereof;

FIG. 20 is a front elevation view thereof;

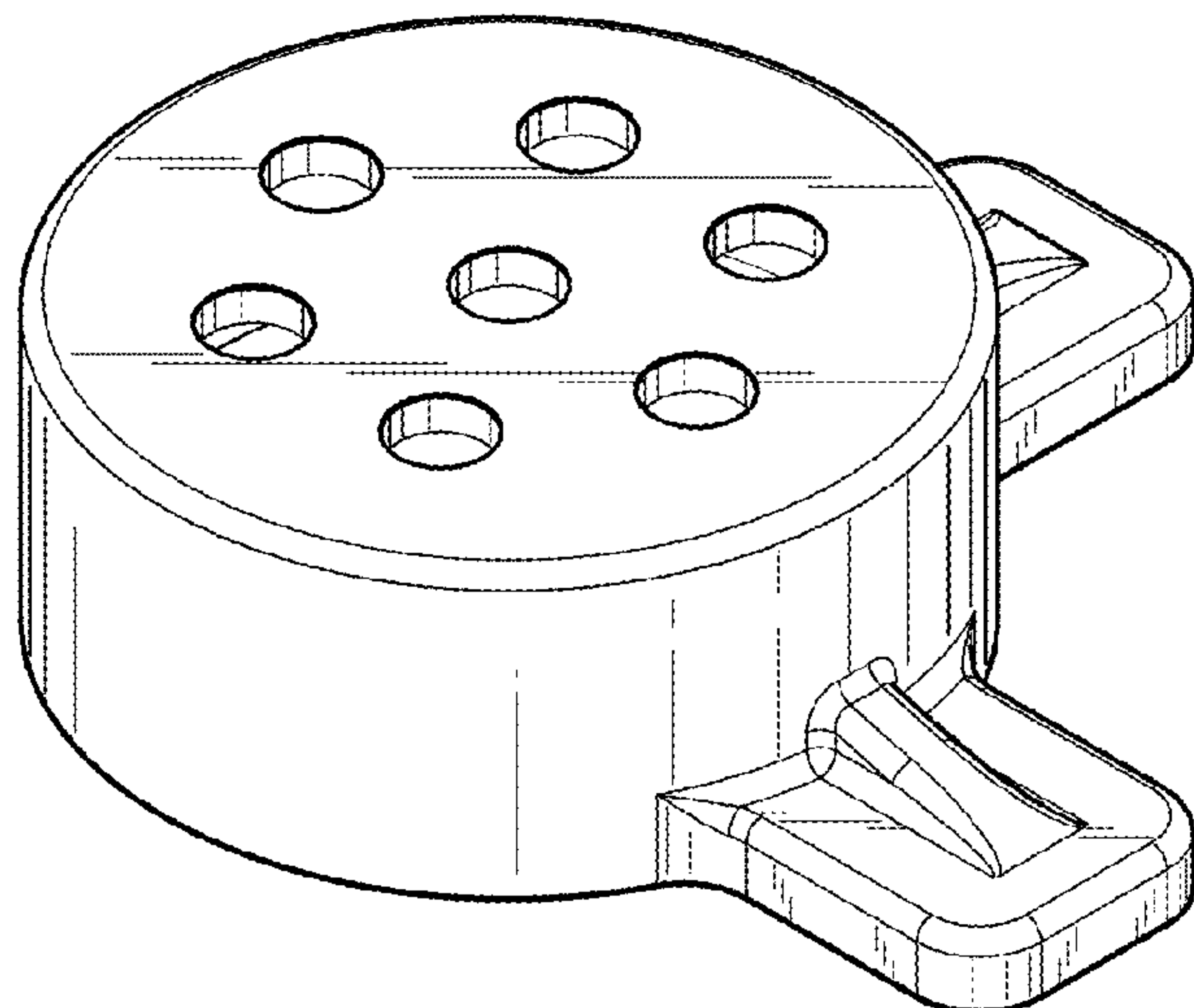
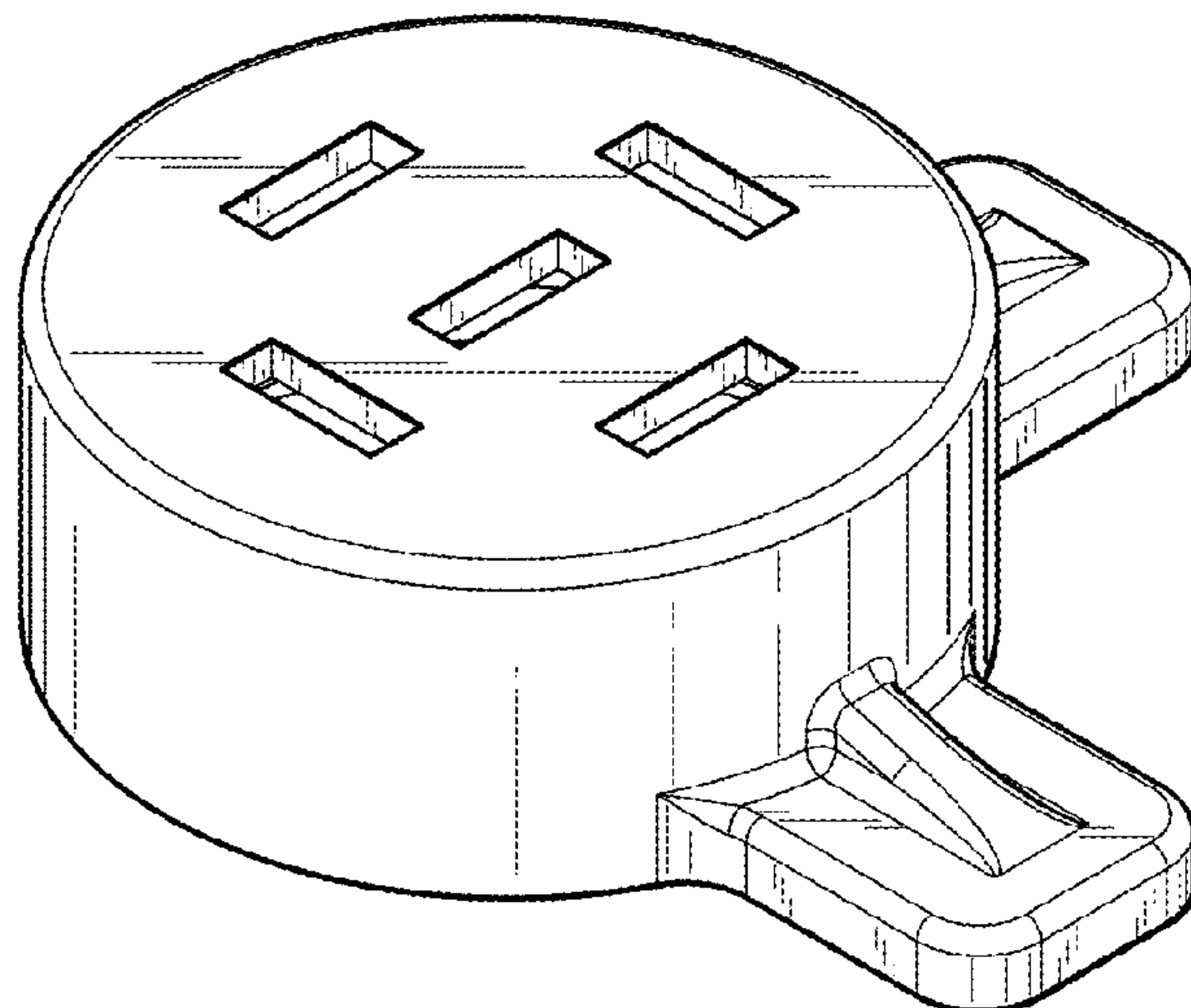
FIG. 21 is a rear elevation view thereof;

FIG. 22 is a right side elevation view thereof;

FIG. 23 is a left side elevation view thereof; and,

FIG. 24 is transverse section view thereof, taken along line 24-24 of FIG. 18.

**1 Claim, 12 Drawing Sheets**



(58) **Field of Classification Search**

CPC .... A21C 1/02; A21C 1/04; A23N 1/00; A23N 1/02; A47J 43/04; A47J 43/25; A47J 43/27; A47J 43/042; A47J 43/044; A47J 43/046; A47J 43/075; A47J 43/0722; A47J 43/0727; A47J 43/0766; B01F 3/00; B01F 3/0807; B01F 3/0853; B01F 13/0059; B01F 13/0064; B02C 1/08; B02C 2/04; B02C 4/42; B02C 4/142; B02C 4/143; B02C 4/423; B02C 13/1835; B02C 18/305; B28C 5/10; B28C 5/12; B28C 5/14; B28C 5/16; B67D 1/0027; B67D 1/0044; B67D 1/0855; B67D 1/0048; F16K 11/0743; F16K 11/0704; F04B 13/02; A23G 9/045

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,012,488 A \* 1/2000 Nichols ..... F16K 11/0743  
137/625.11  
6,490,872 B1 12/2002 Beck  
6,494,055 B1 12/2002 Meserole  
6,553,779 B1 4/2003 Boyer  
6,735,967 B1 5/2004 Bishcel  
6,892,899 B2 5/2005 Minard  
6,948,327 B2 9/2005 Bischel  
6,986,441 B2 1/2006 Scordato  
7,014,076 B2 3/2006 Minard  
7,048,523 B2 5/2006 Bush  
D534,393 S \* 1/2007 de Groote ..... D7/376  
7,207,510 B2 \* 4/2007 Wong ..... B02C 18/305  
241/82.1  
7,278,276 B2 10/2007 Boyer  
7,299,944 B2 11/2007 Roady  
7,318,666 B1 \* 1/2008 Lin ..... A47J 43/0766  
241/37.5  
7,798,367 B2 \* 9/2010 Minard ..... B67D 1/0044  
222/145.6  
8,025,184 B2 \* 9/2011 Minard ..... B67D 1/0855  
222/129.3  
8,240,909 B2 \* 8/2012 Athey ..... A47J 43/0766  
366/205  
8,714,410 B2 5/2014 Wadle  
D712,696 S \* 9/2014 Huber ..... D7/372  
9,487,383 B2 11/2016 Minard  
9,661,867 B2 5/2017 Minard

9,765,891 B2 9/2017 Bischel  
9,848,620 B2 12/2017 Minard  
9,903,495 B2 2/2018 Matz  
9,943,088 B2 4/2018 Newton  
10,194,678 B2 2/2019 Bischel  
D885,116 S \* 5/2020 Krivos ..... D7/378  
D885,822 S \* 6/2020 McConnell ..... D7/372  
10,785,993 B2 \* 9/2020 Minard ..... A23G 9/28  
2002/0043071 A1 \* 4/2002 Frank ..... A23G 9/045  
62/135  
2004/0089830 A1 \* 5/2004 Beyrak ..... F16K 11/0704  
251/90  
2004/0182092 A1 \* 9/2004 Bush ..... F04B 13/02  
62/66  
2005/0072799 A1 \* 4/2005 Stratton ..... B67D 1/0027  
222/129.1  
2006/0255066 A1 \* 11/2006 Kannar ..... A23G 9/045  
222/145.3  
2007/0131711 A1 \* 6/2007 Minard ..... B67D 1/0078  
222/105  
2007/0131715 A1 \* 6/2007 Minard ..... B67D 1/0048  
222/145.5  
2008/0148965 A1 6/2008 Bravo et al.  
2008/0302818 A1 12/2008 Minard  
2012/0104046 A1 5/2012 Wadle  
2014/0367424 A1 12/2014 Newton  
2017/0042180 A1 2/2017 Bush  
2017/0367370 A1 12/2017 Frisque  
2018/0206520 A1 6/2018 Newton  
2019/0000109 A1 1/2019 Bischel  
2019/0056182 A1 2/2019 Bischel  
2019/0110498 A1 4/2019 Minard

FOREIGN PATENT DOCUMENTS

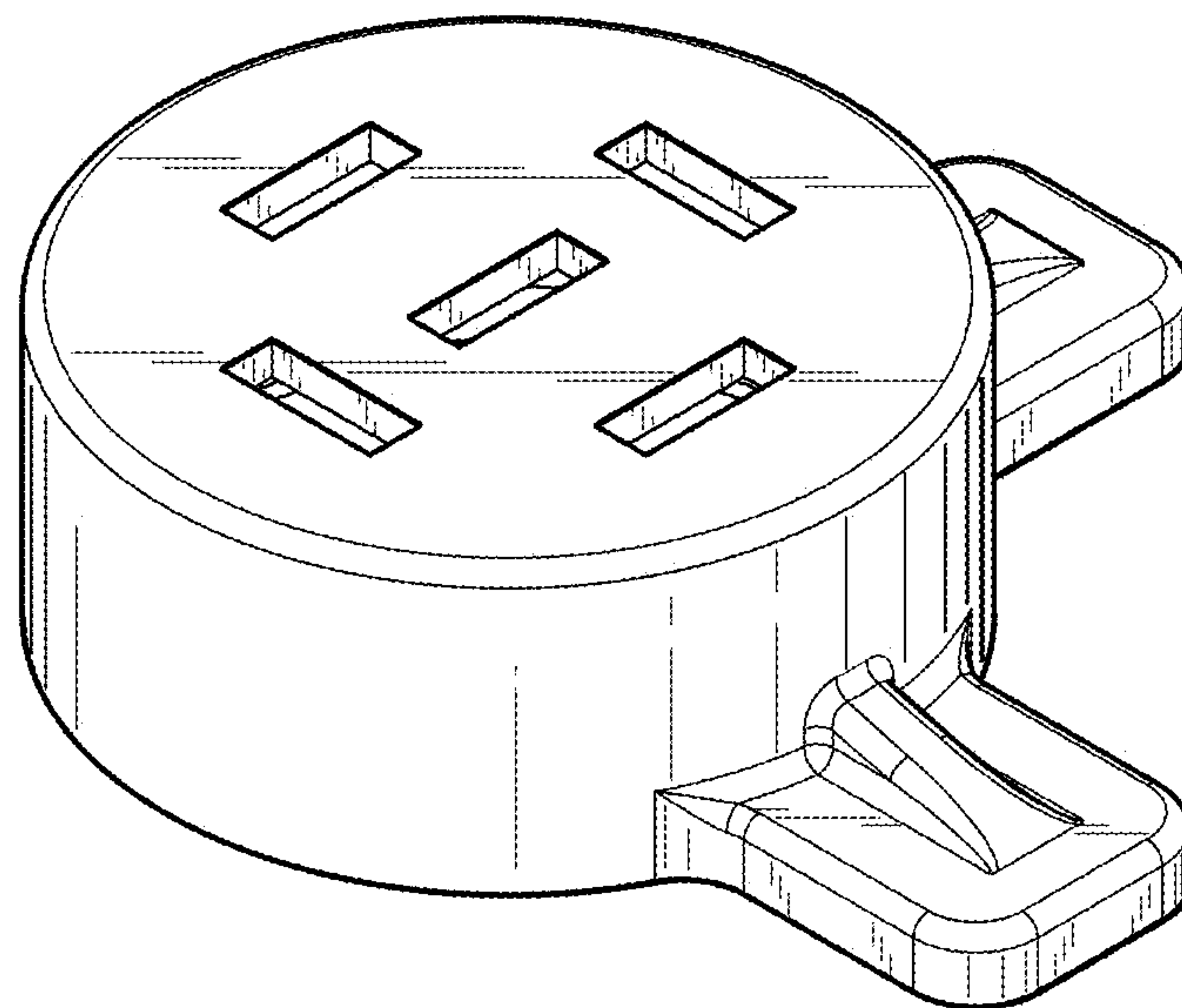
WO 2017/176609 10/2017  
WO 2017/210151 12/2017  
WO 2017/214357 12/2017  
WO 2018/009640 1/2018  
WO 2018/071334 4/2018  
WO 2018/140716 8/2018  
WO 2020/264127 12/2020  
WO 2021/007145 1/2021

OTHER PUBLICATIONS

Thomas, Pete, "How to Prepare Spaghetti Ice Cream," retrieved from the Internet at: <https://www.youtube.com/watch?v=jw-oTSU-JOM>, (Oct. 31, 2016).

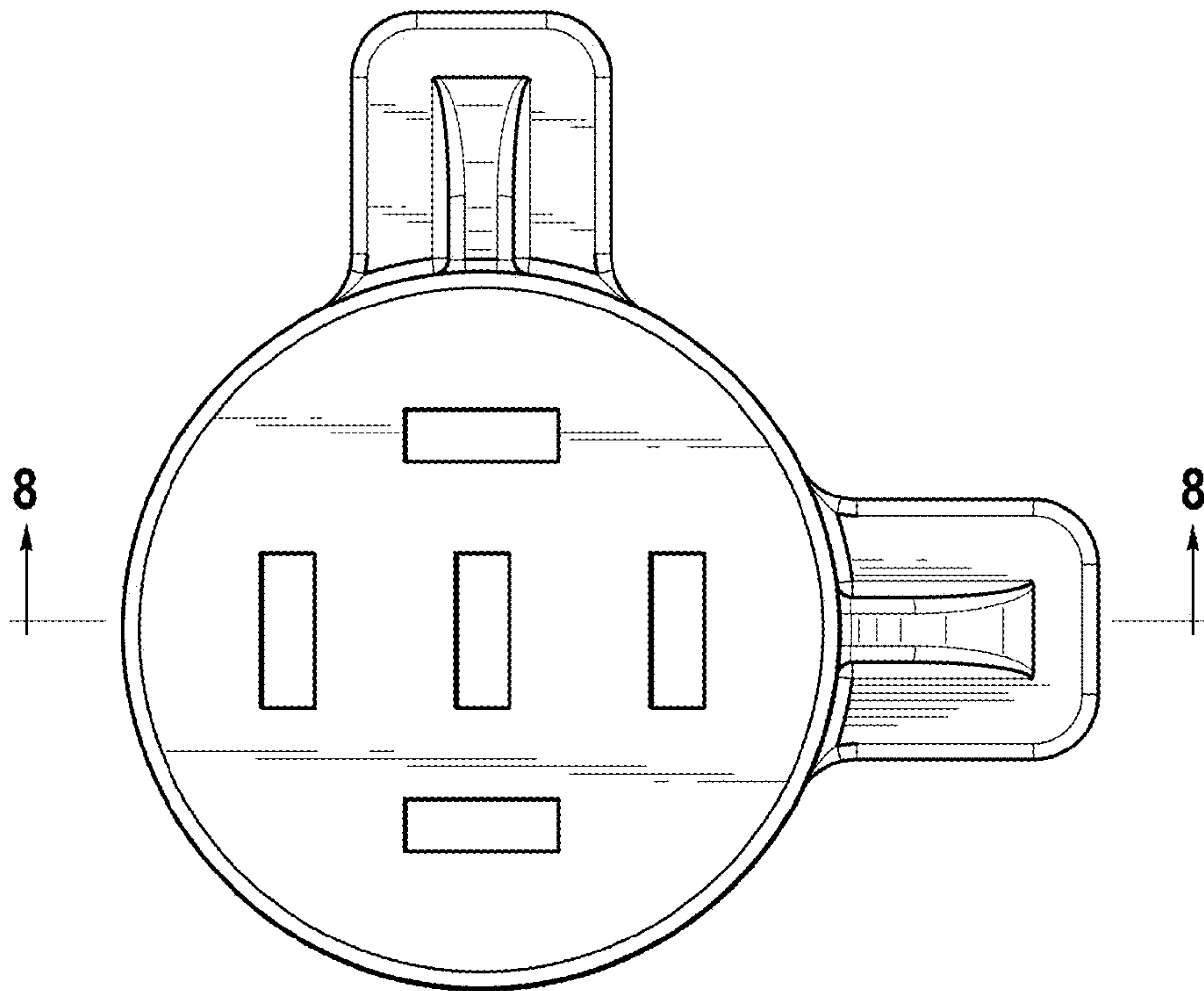
\* cited by examiner

FIG. 1





**FIG. 2**



**FIG. 3**

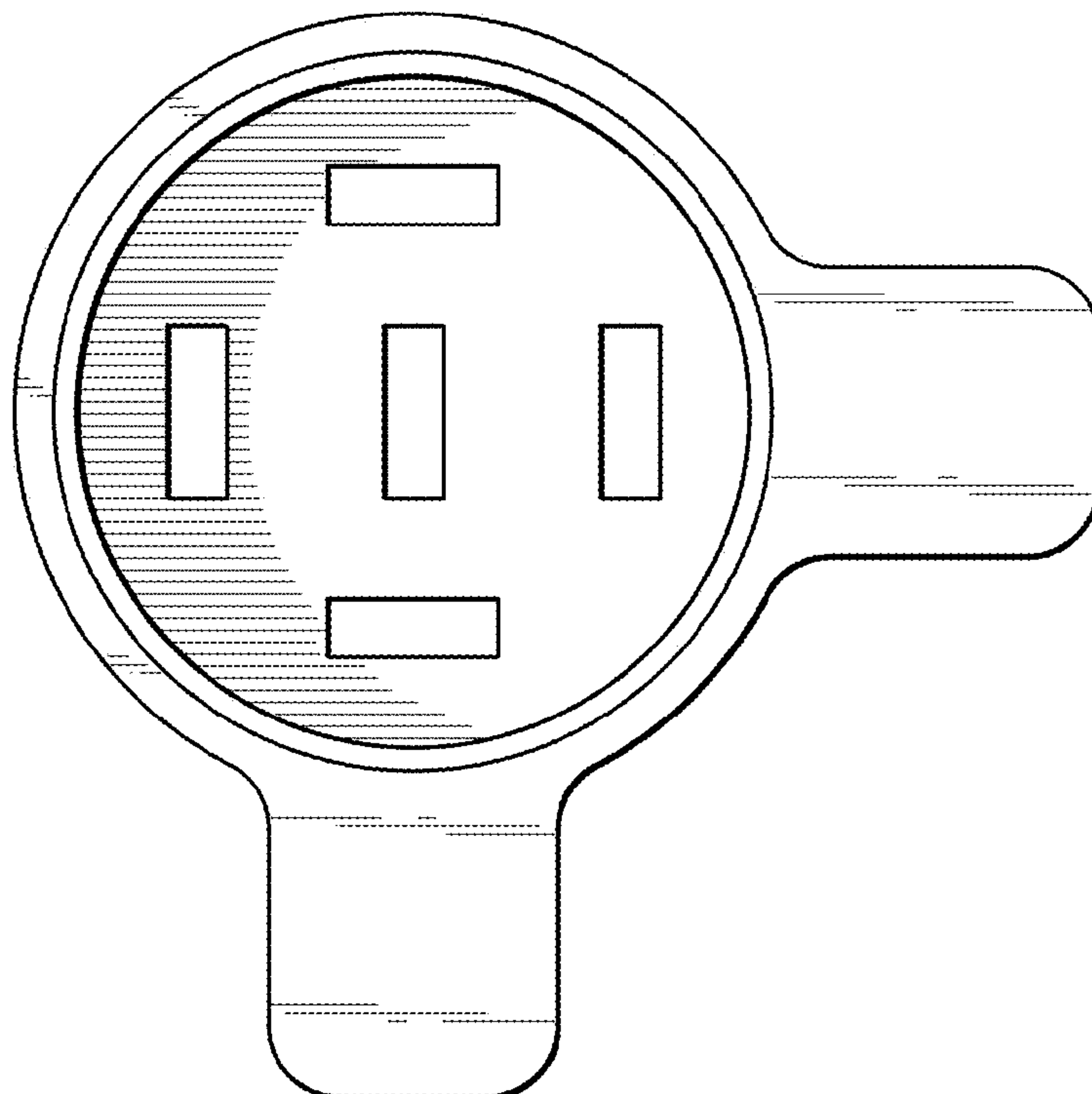


FIG. 4

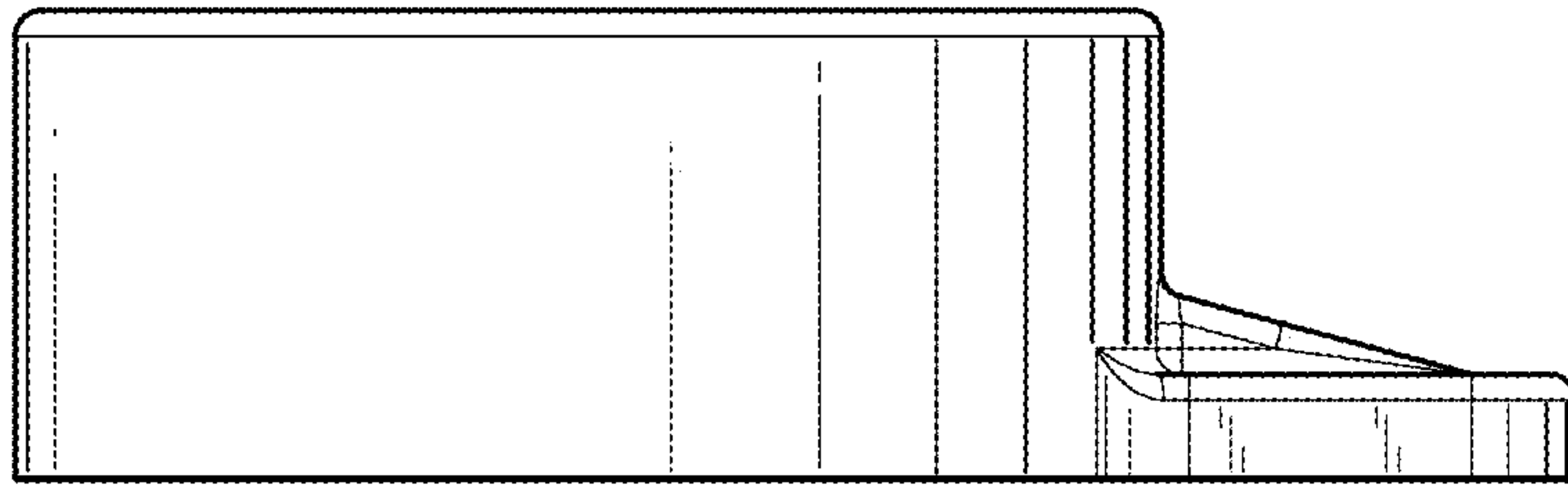


FIG. 5

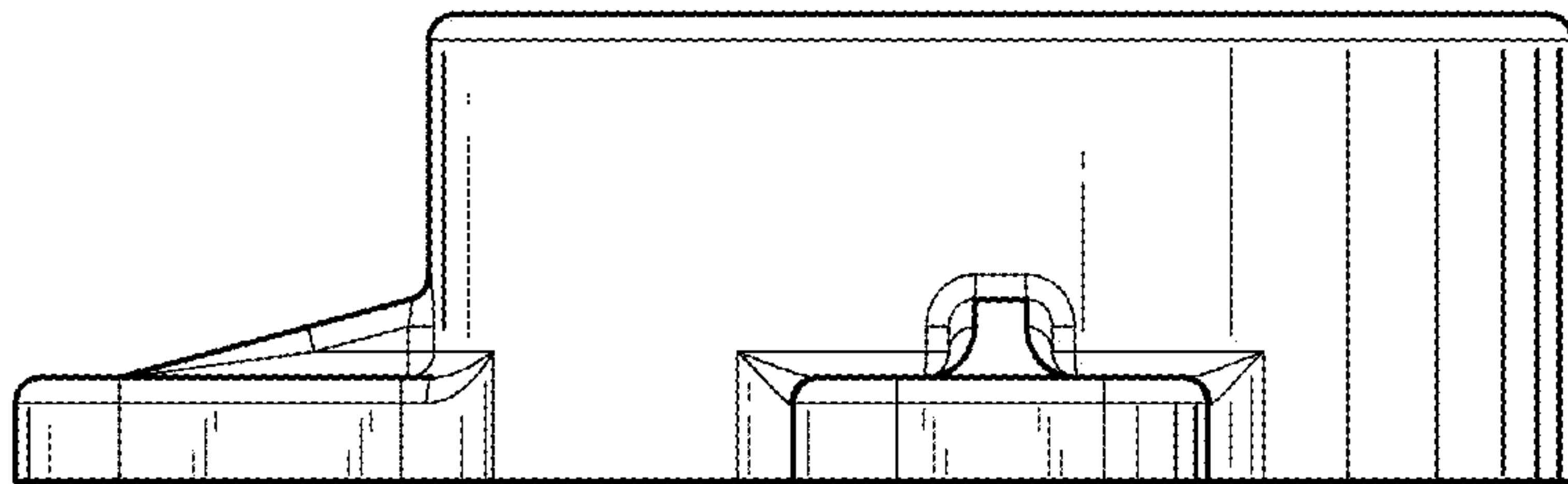


FIG. 6

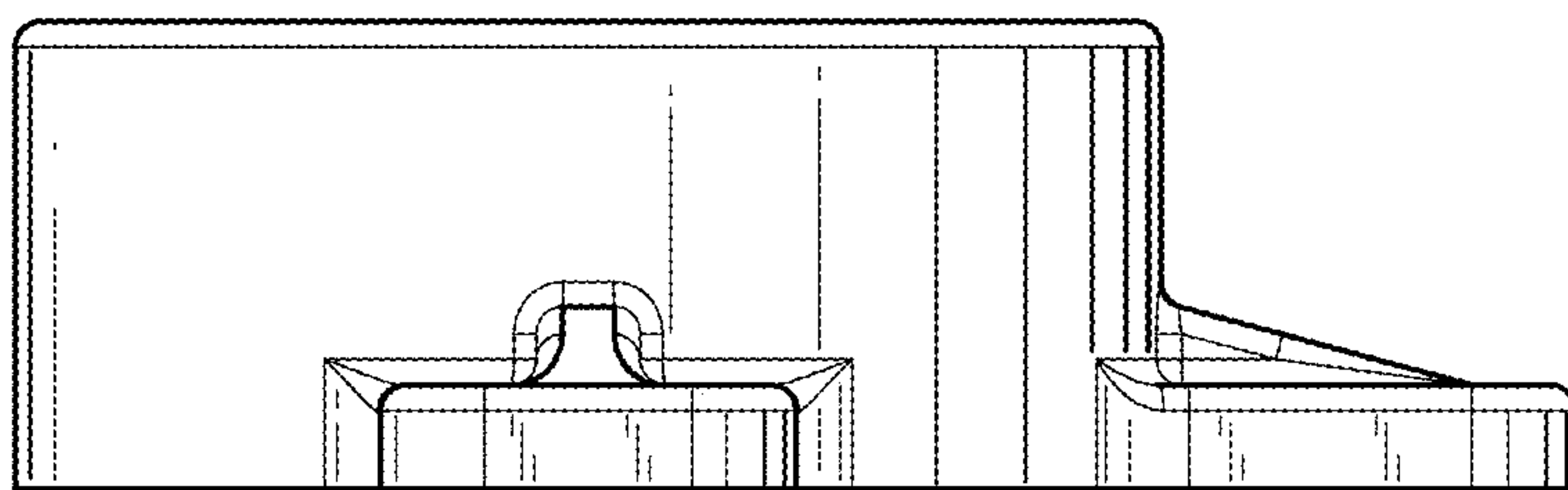


FIG. 7

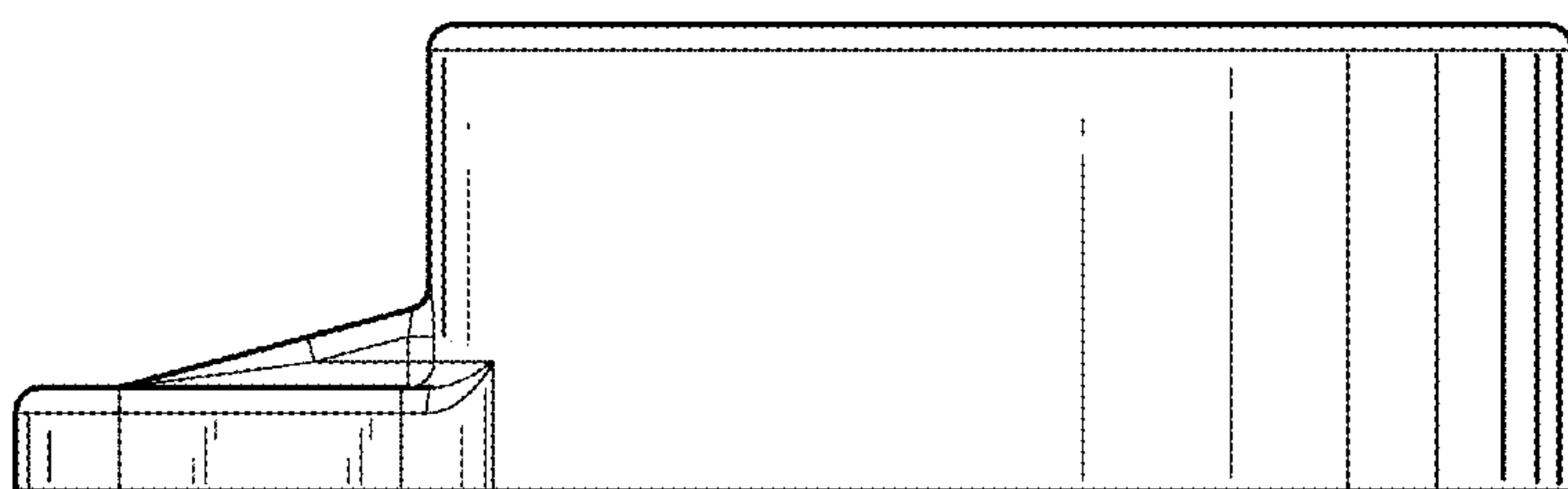


FIG. 8

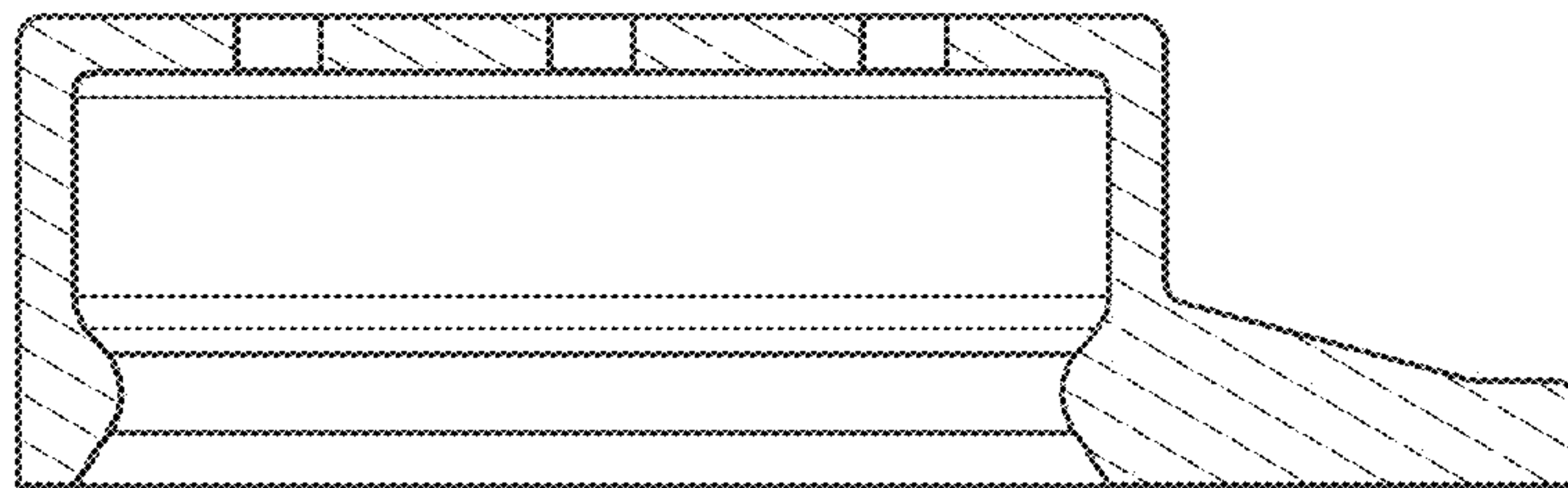


FIG. 9

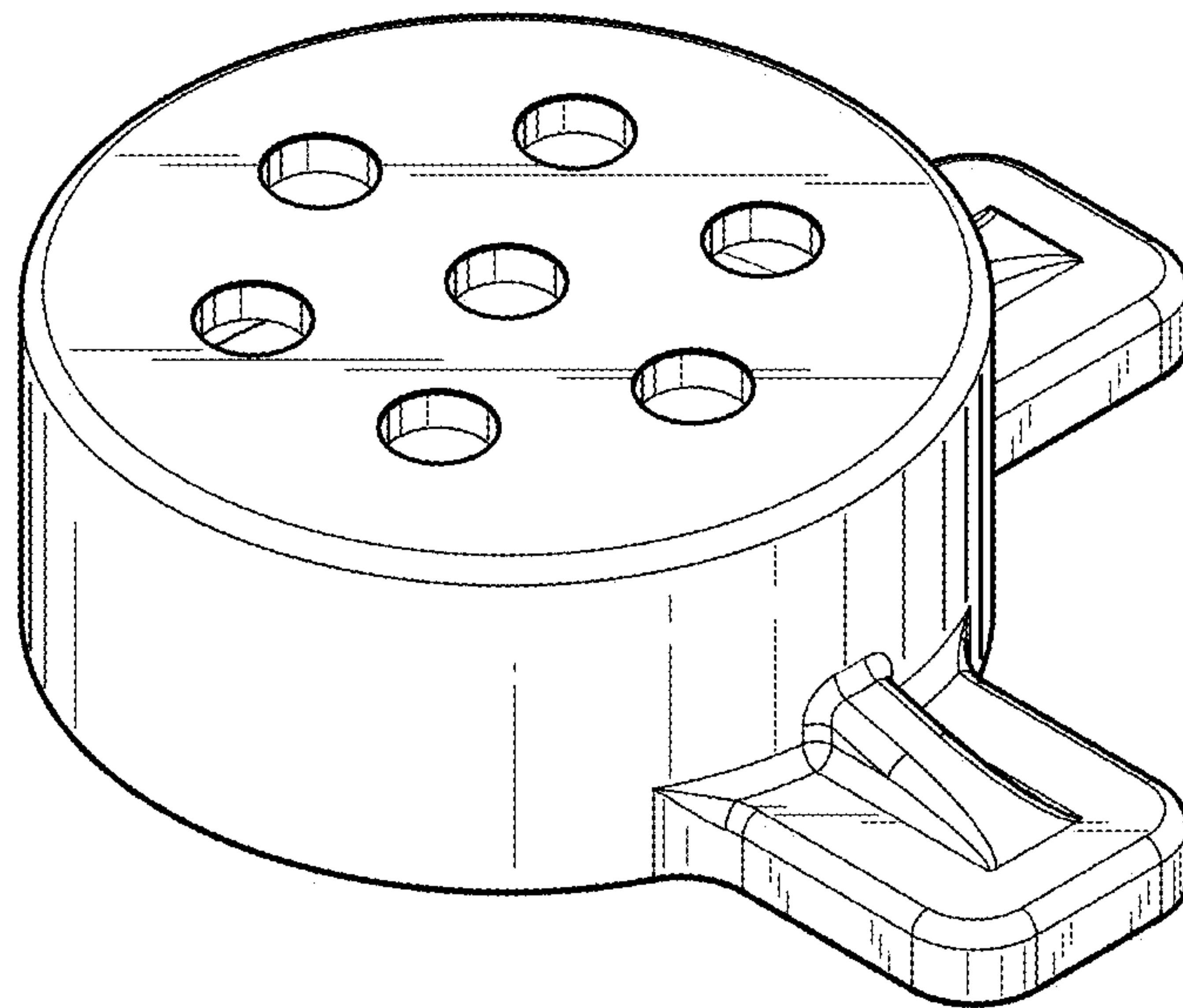


FIG. 10

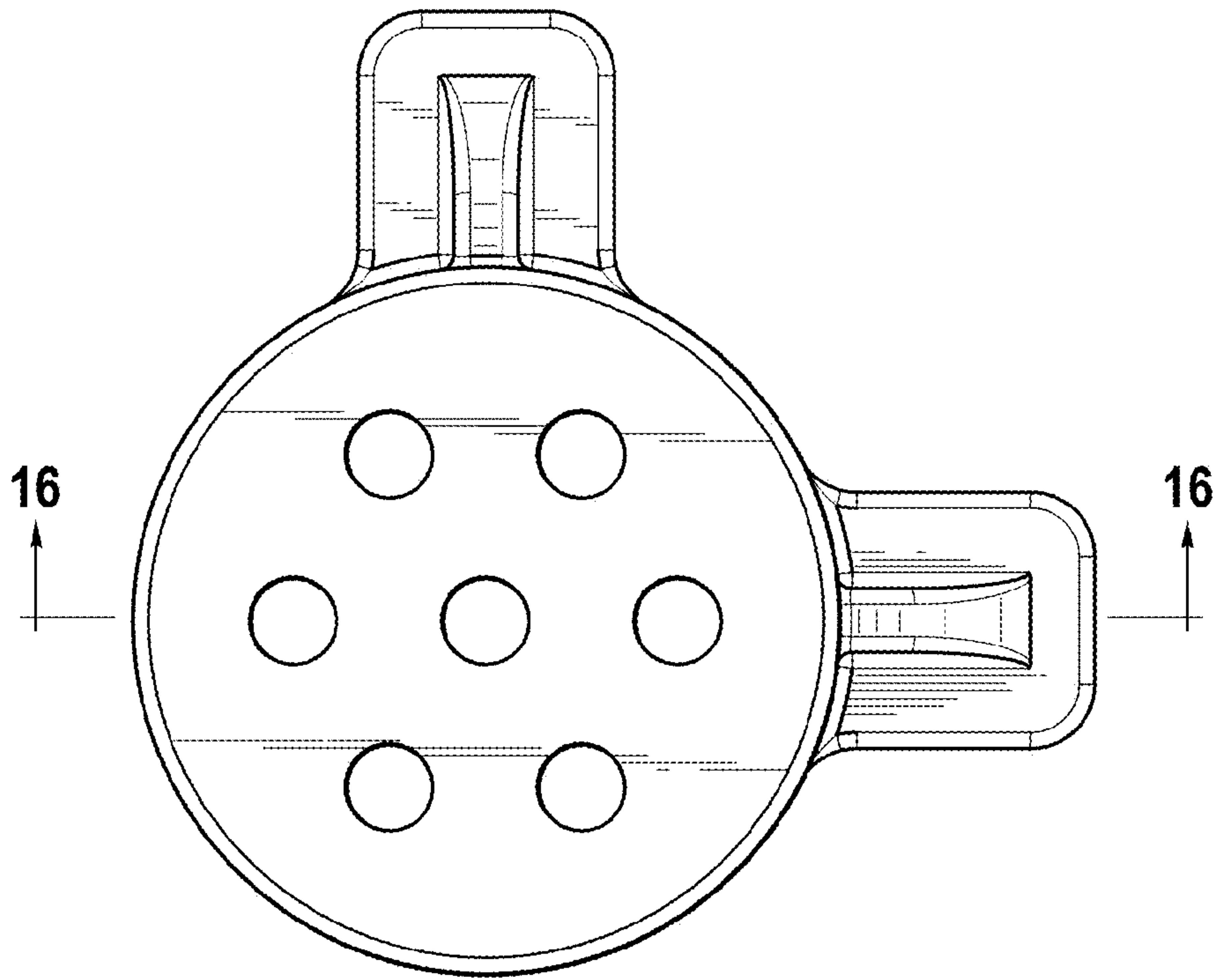
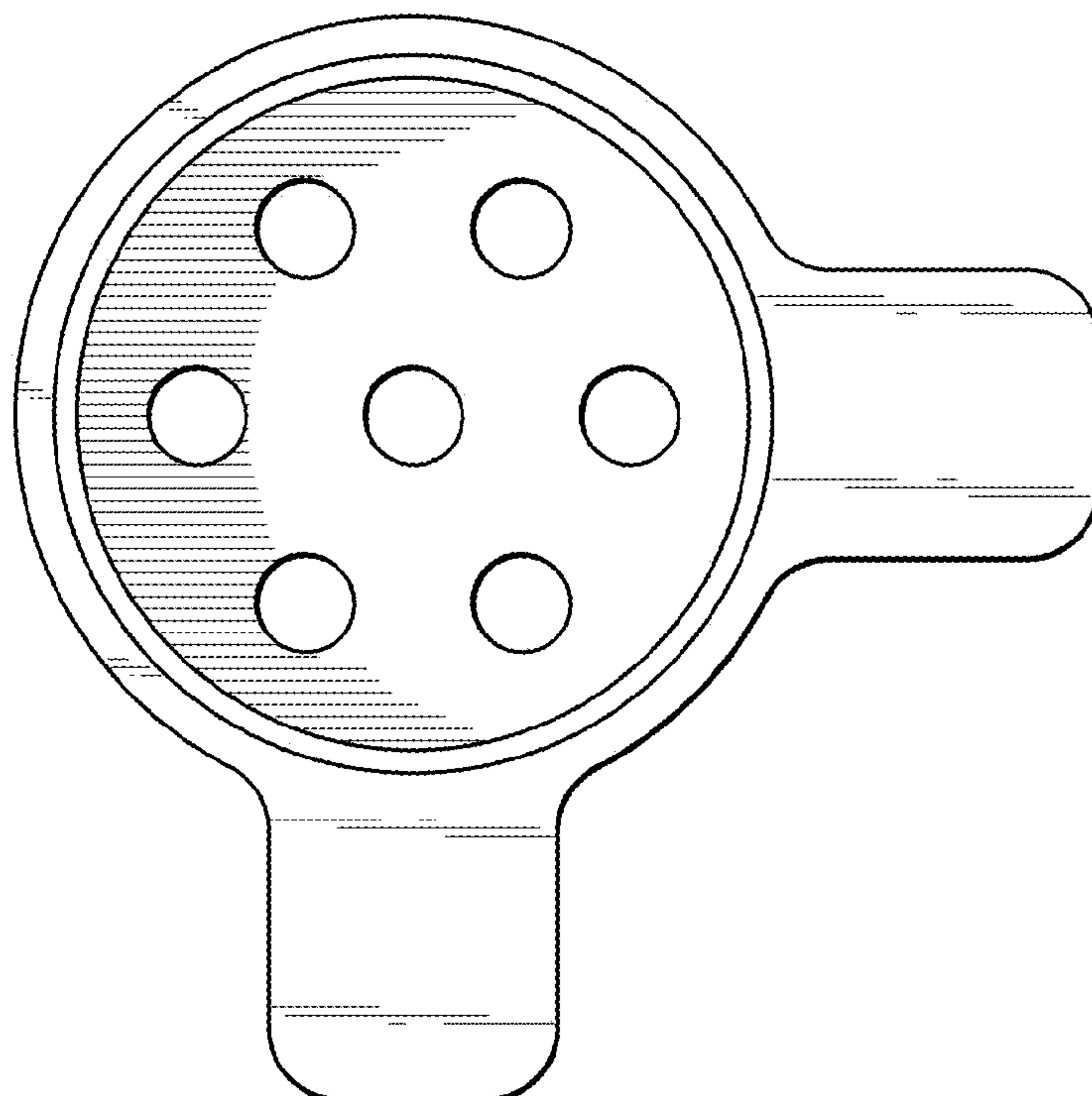
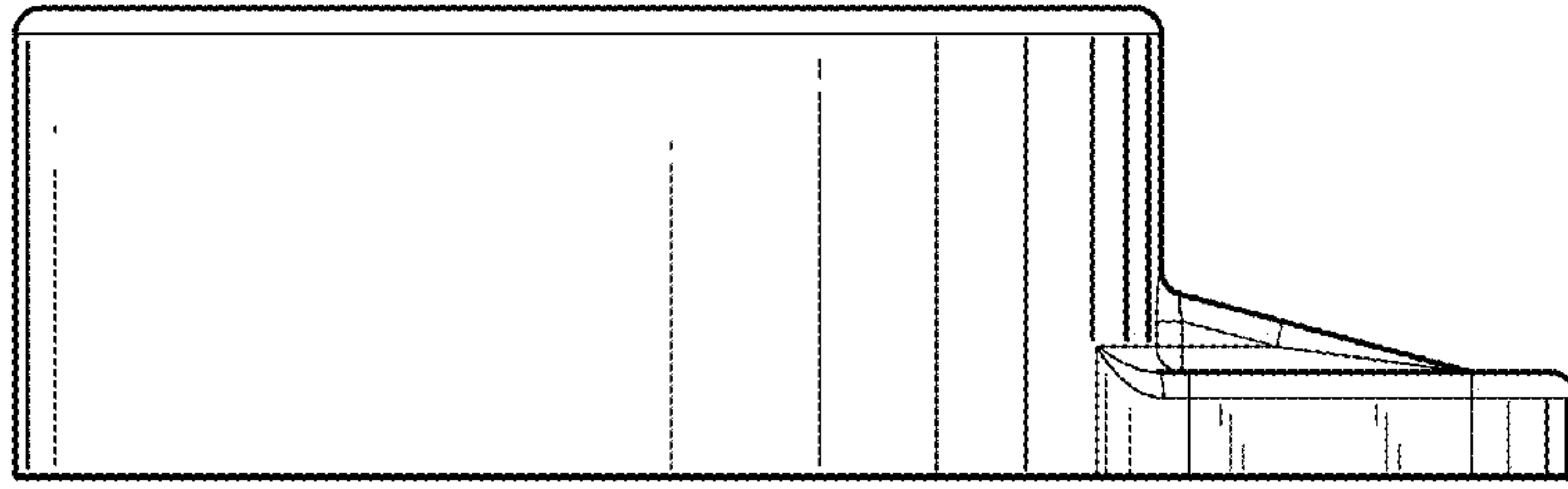


FIG. 11

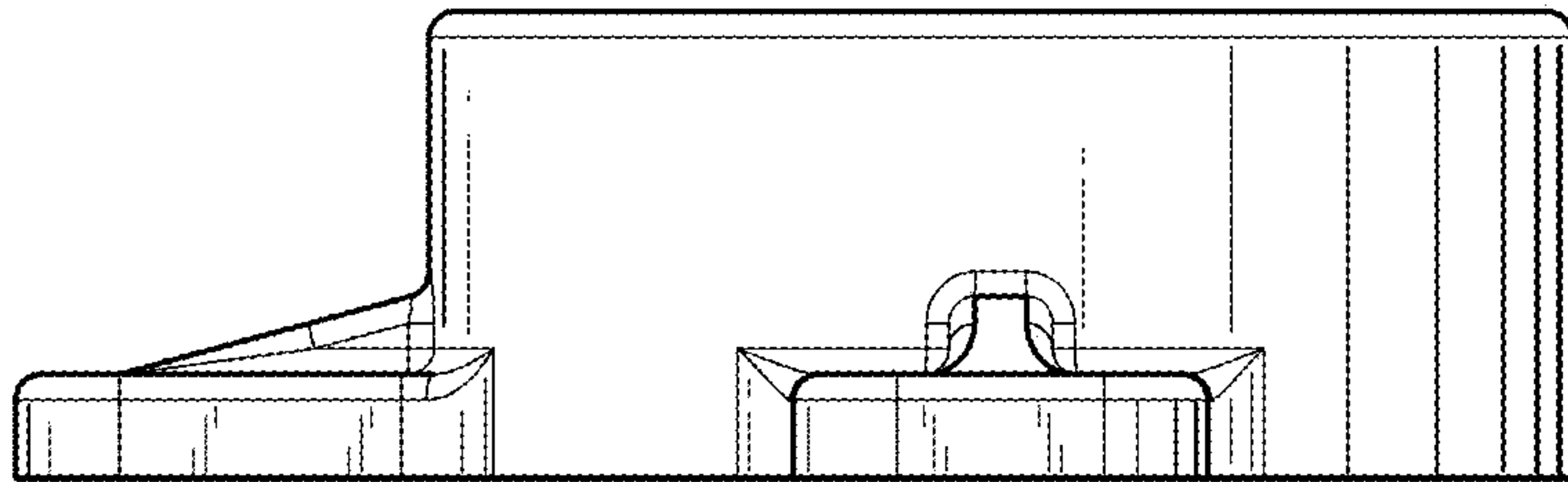




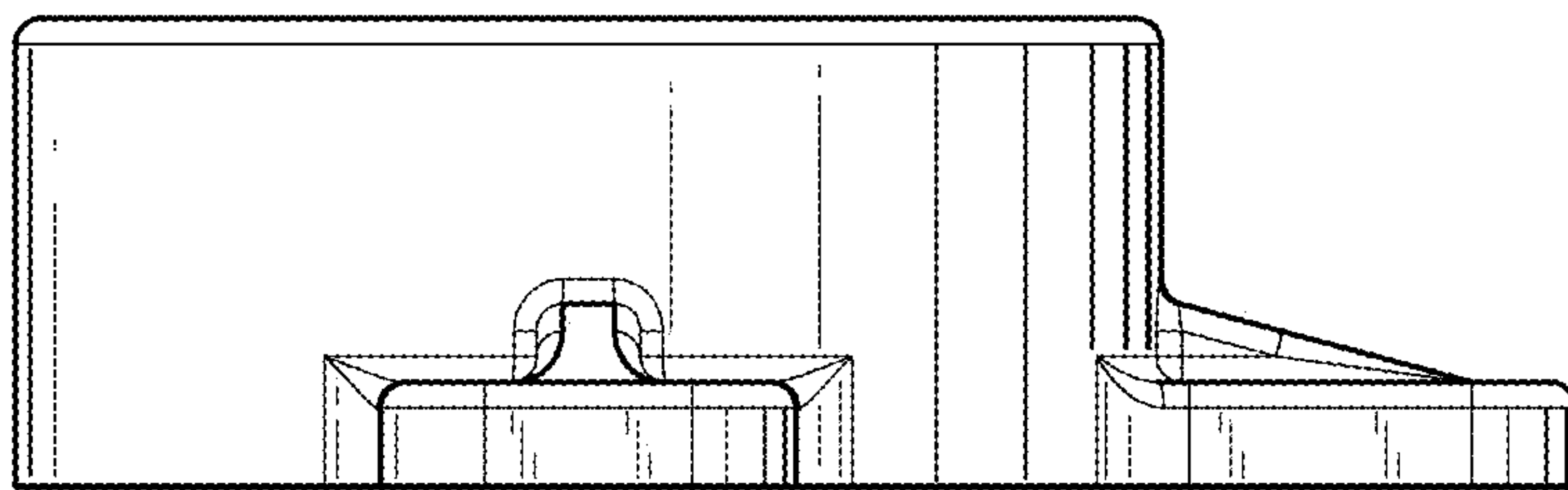
**FIG. 12**



**FIG. 13**



**FIG. 14**



**FIG. 15**

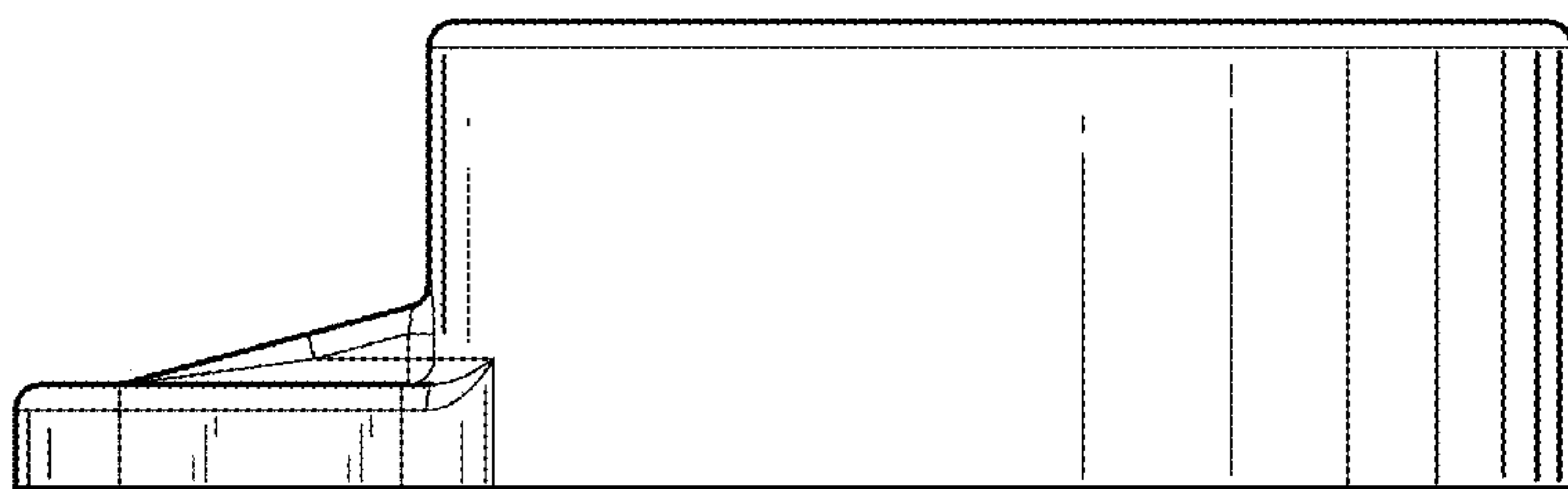


FIG. 16

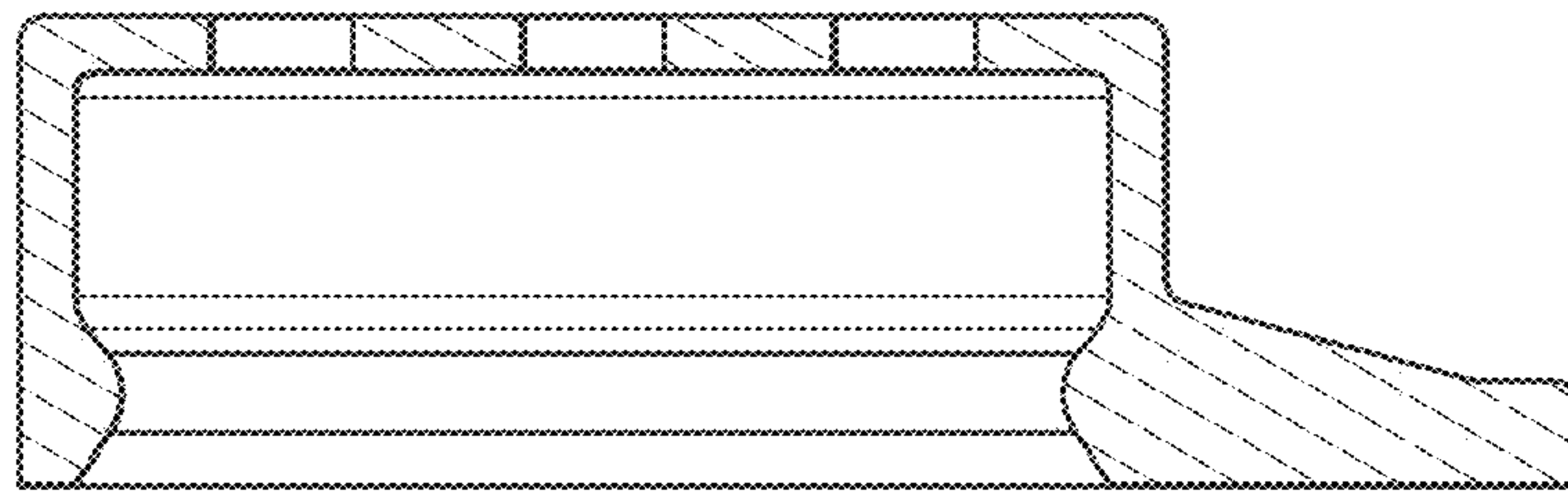


FIG. 17

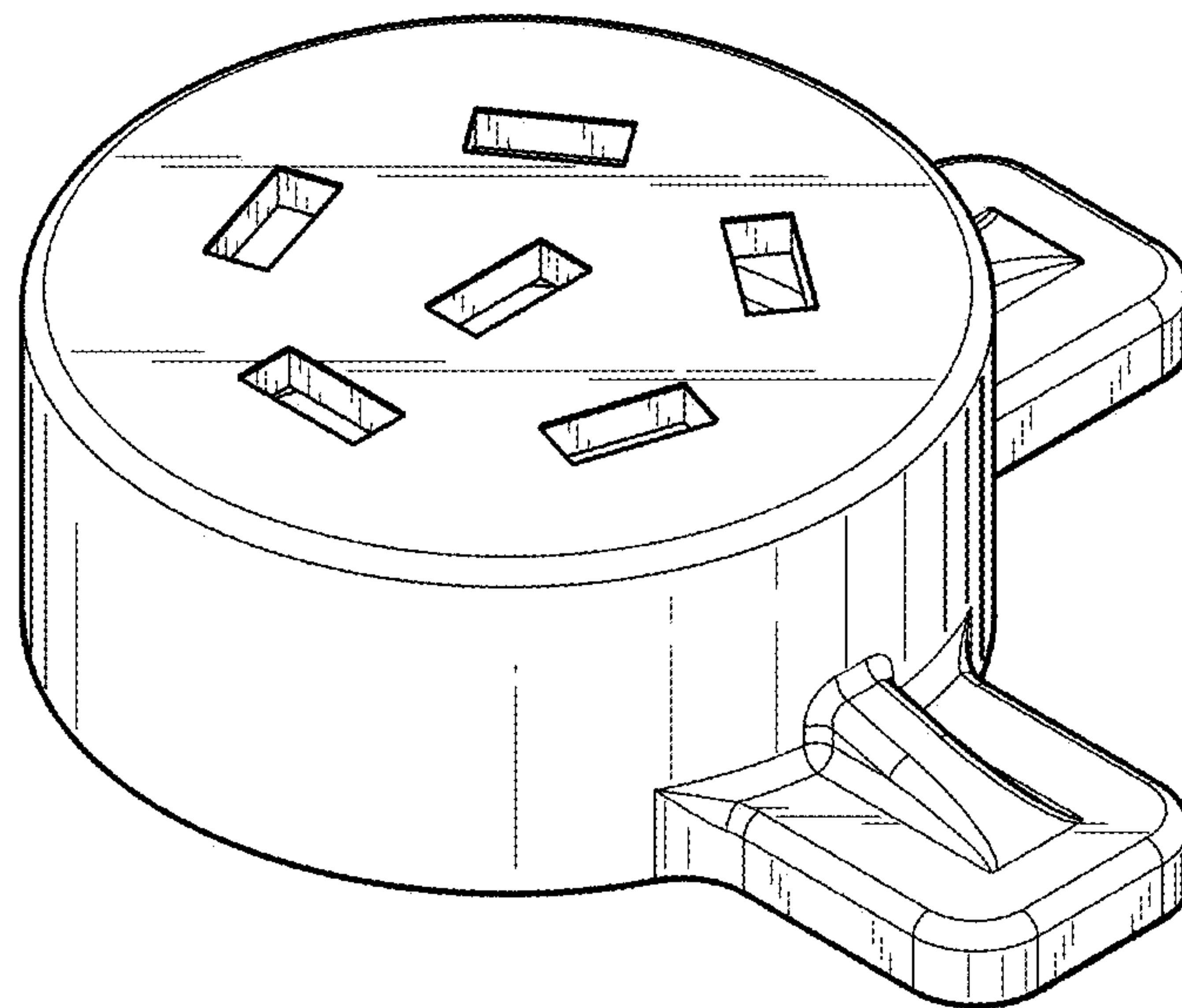


FIG. 18

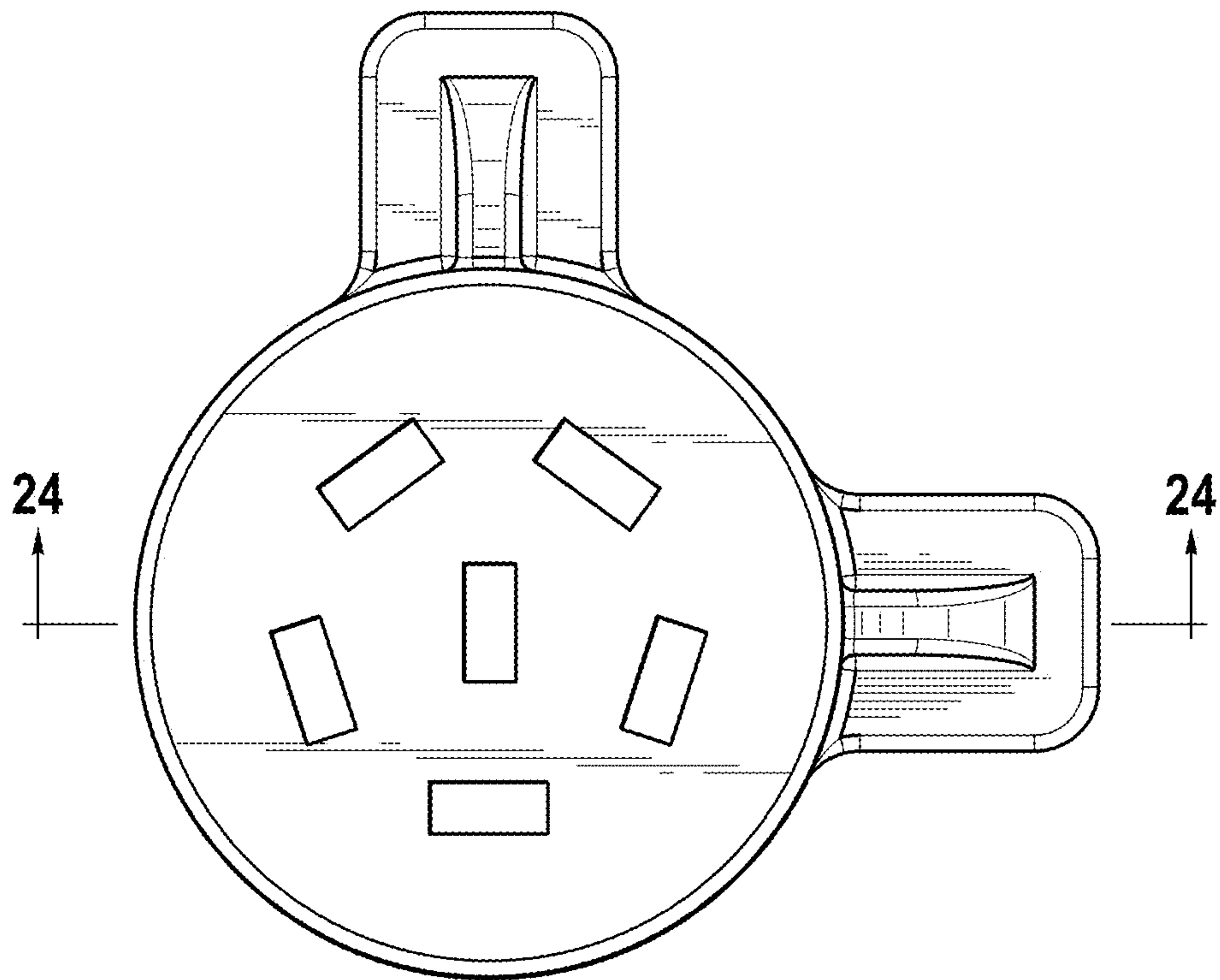
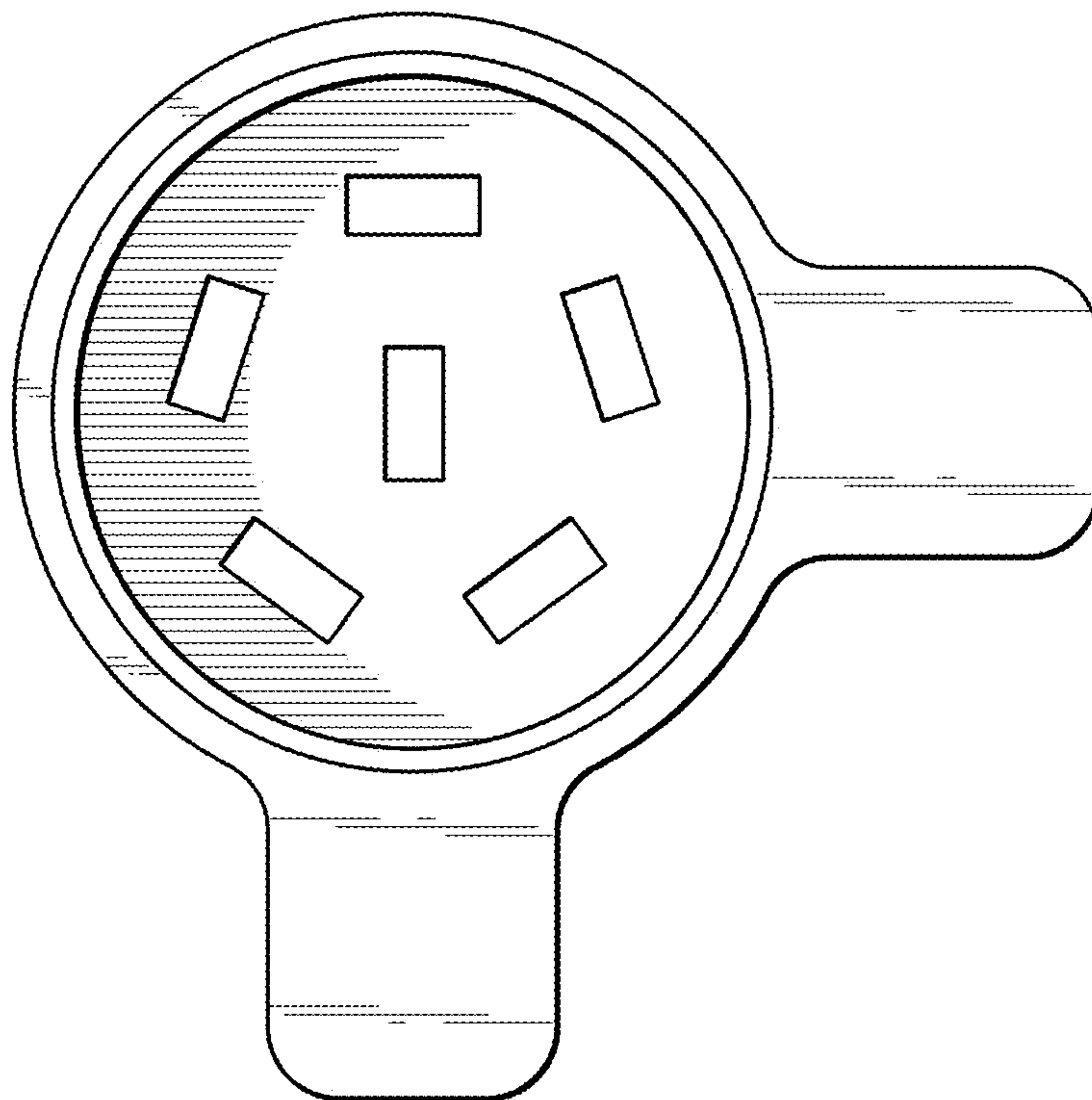
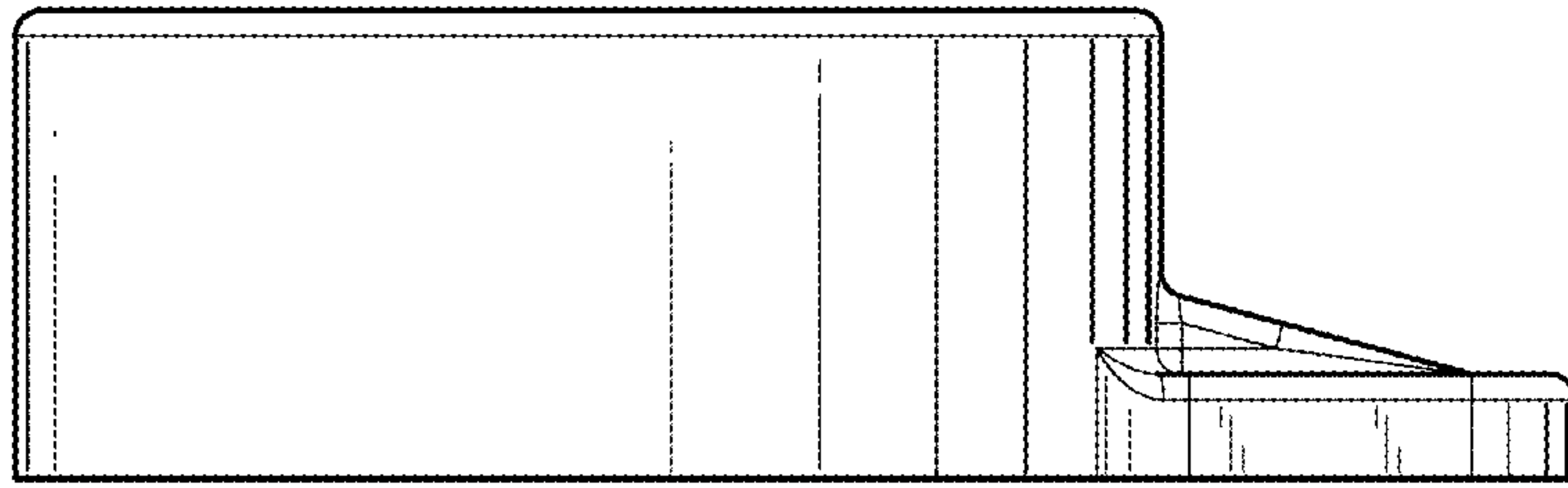


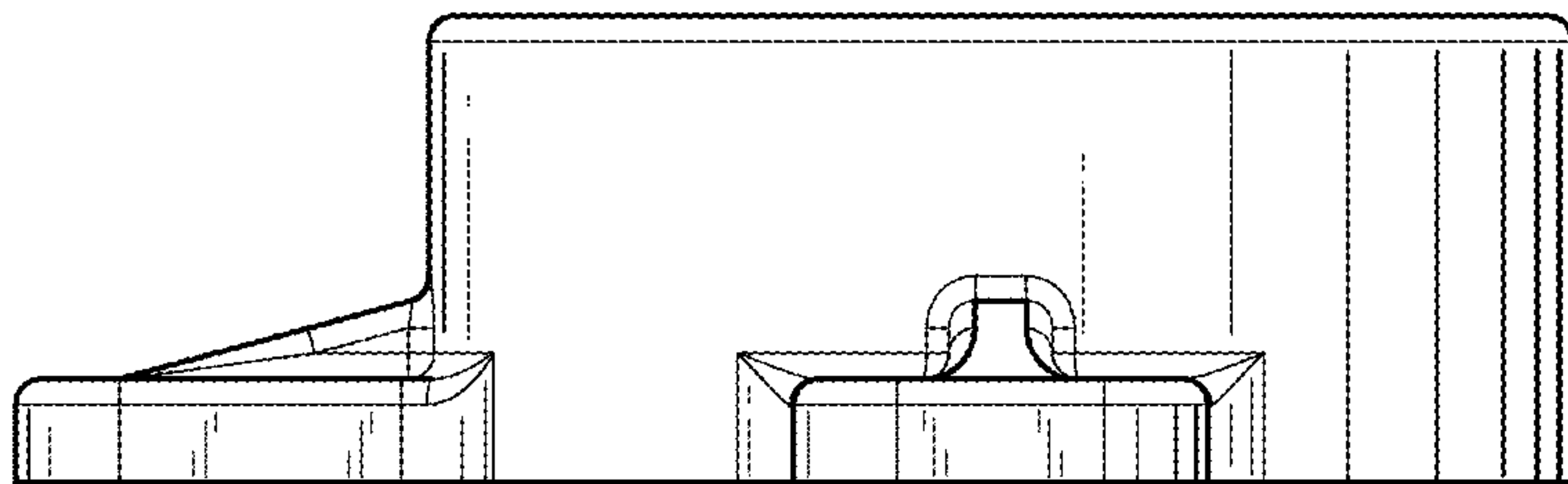
FIG. 19



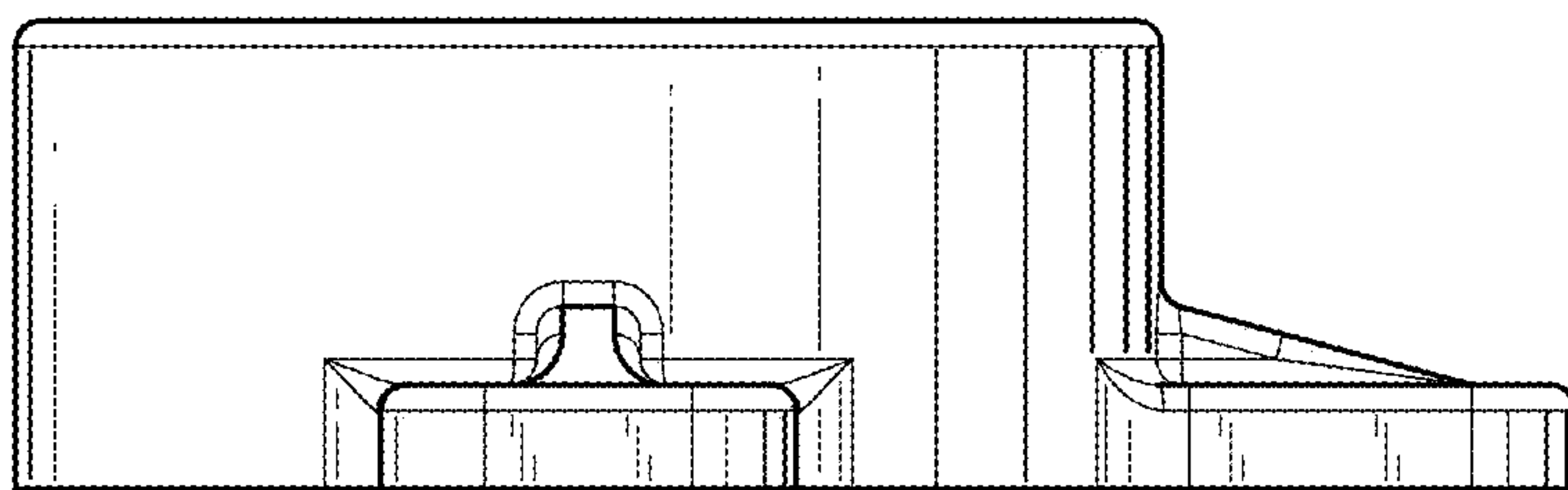
**FIG. 20**



**FIG. 21**



**FIG. 22**



**FIG. 23**

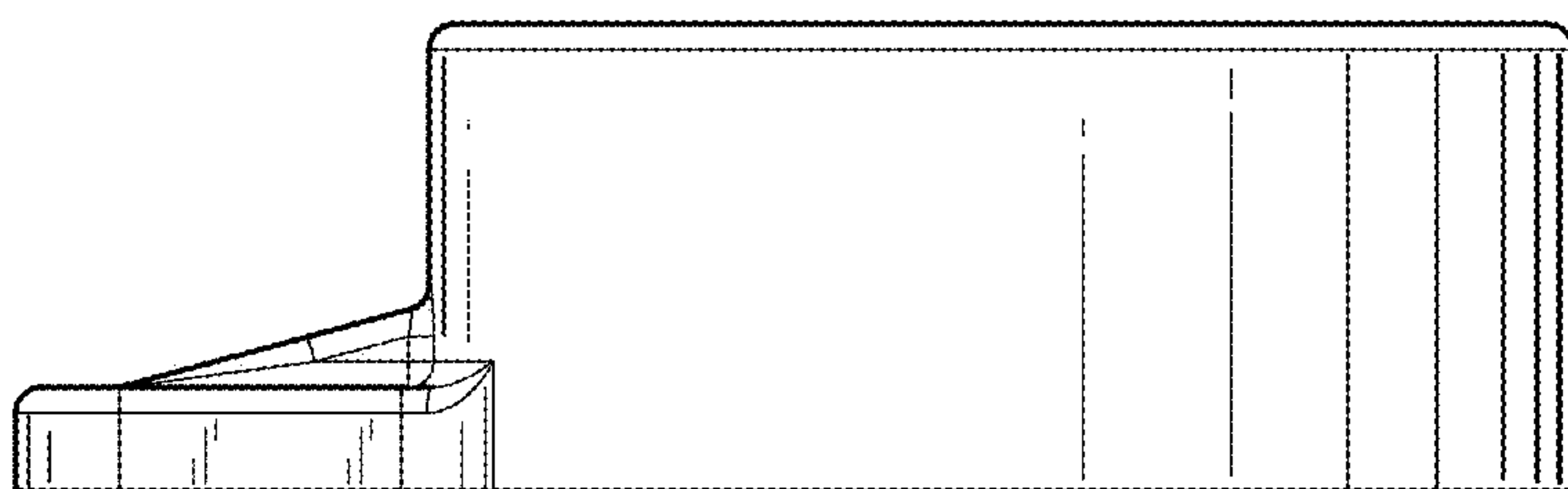




FIG. 24

