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

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- (54) **STERILE DRAPE INTERFACE**
- (71) Applicant: **DePuy Ireland Unlimited Company**,  
Ringaskiddy (IE)
- (72) Inventors: **Erica Roche**, Winona Lake, IN (US);  
**Andrew Keith Bailey**, Leeds (GB);  
**James Edward Barnett**, Leeds (GB);  
**Kenneth Harold Patrick**, Pensacola,  
FL (US)
- (73) Assignee: **DEPUY IRELAND UNLIMITED**  
**COMPANY**, Ringaskiddy (IE)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/729,798**
- (22) Filed: **Mar. 30, 2020**
- (51) **LOC (13) Cl.** ..... **24-02**
- (52) **U.S. Cl.**  
USPC ..... **D24/129; D24/140**
- (58) **Field of Classification Search**  
USPC ..... D24/129, 187-189, 108, 120, 140, 194,  
D24/196  
CPC ..... A61F 13/0226; A61F 13/0206; A61F  
13/00063; A61B 34/30; A61B 2034/301;  
A61B 34/71; A61B 2017/00477  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- D345,418 S \* 3/1994 Fenton ..... D24/118
- 7,265,256 B2 \* 9/2007 Artenstein ..... A61F 15/008  
128/888
- D617,463 S \* 6/2010 Tokumoto ..... D24/189
- D719,267 S \* 12/2014 Vaccarella ..... D24/187
- D732,672 S \* 6/2015 Lewis, Jr. .... D24/187
- D735,346 S \* 7/2015 Cotton ..... D24/189

- D746,993 S \* 1/2016 Lewis, Jr. .... D24/187
- D746,994 S \* 1/2016 Lewis, Jr. .... D24/187
- D747,807 S \* 1/2016 Ekfeldt ..... D24/155

(Continued)

**FOREIGN PATENT DOCUMENTS**

- EM 008189104-0001 \* 9/2020
- GB 6102246 \* 9/2020

**OTHER PUBLICATIONS**

Davnici Xi Surgical Robot Arms & Draping, Davinci, Youtube,  
[Post date Jul. 10, 2017], [Site seen Sep. 16, 2021], Seen at URL:  
[https://www.youtube.com/watch?v=Bj\\_NjtsjUsl](https://www.youtube.com/watch?v=Bj_NjtsjUsl) (Year: 2017).\*

*Primary Examiner* — Natasha Vujcic  
*Assistant Examiner* — Gilbert B Ford  
(74) *Attorney, Agent, or Firm* — Etan S. Chatlynne;  
Roberts Calderon Safran & Cole P.C.

(57) **CLAIM**

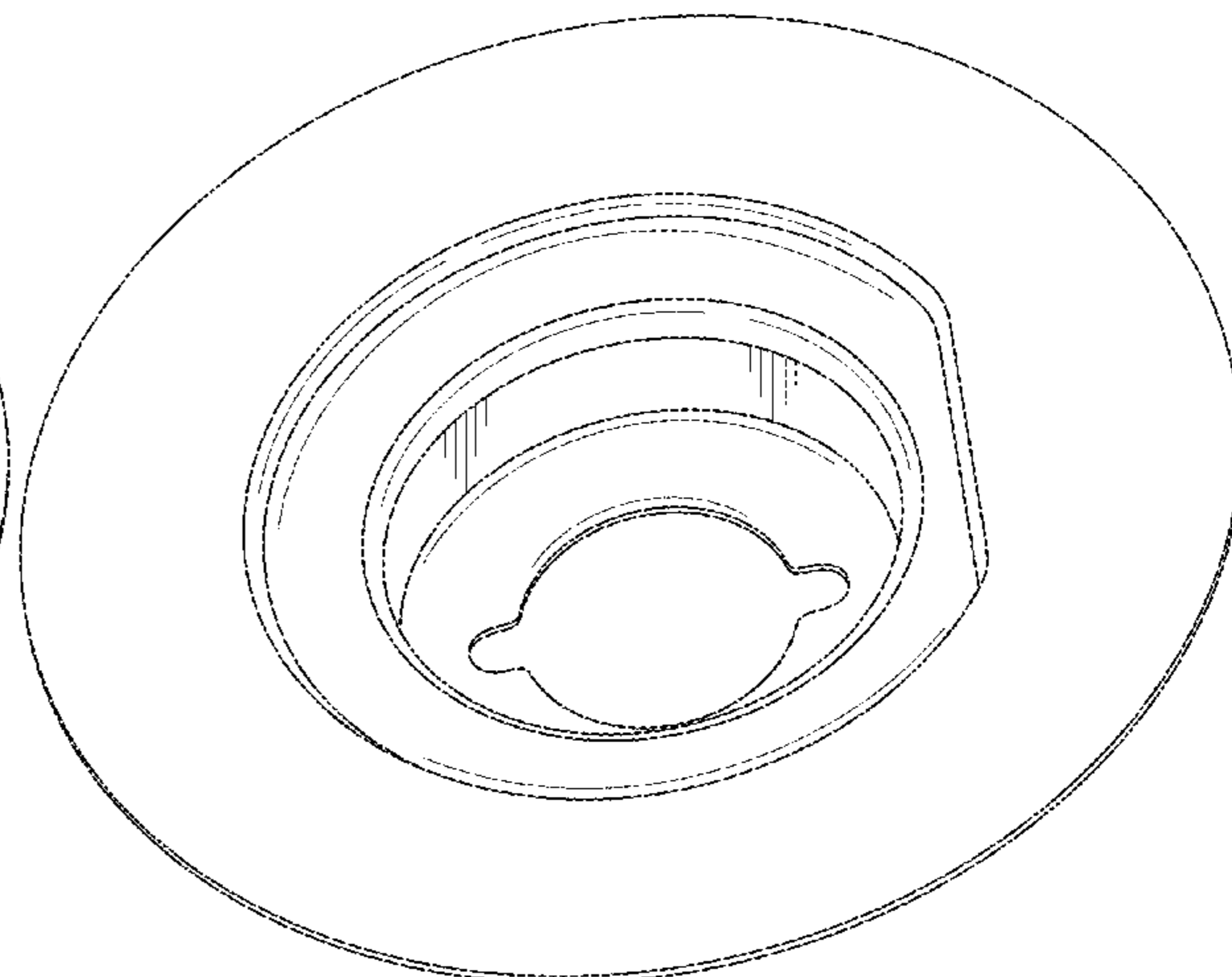
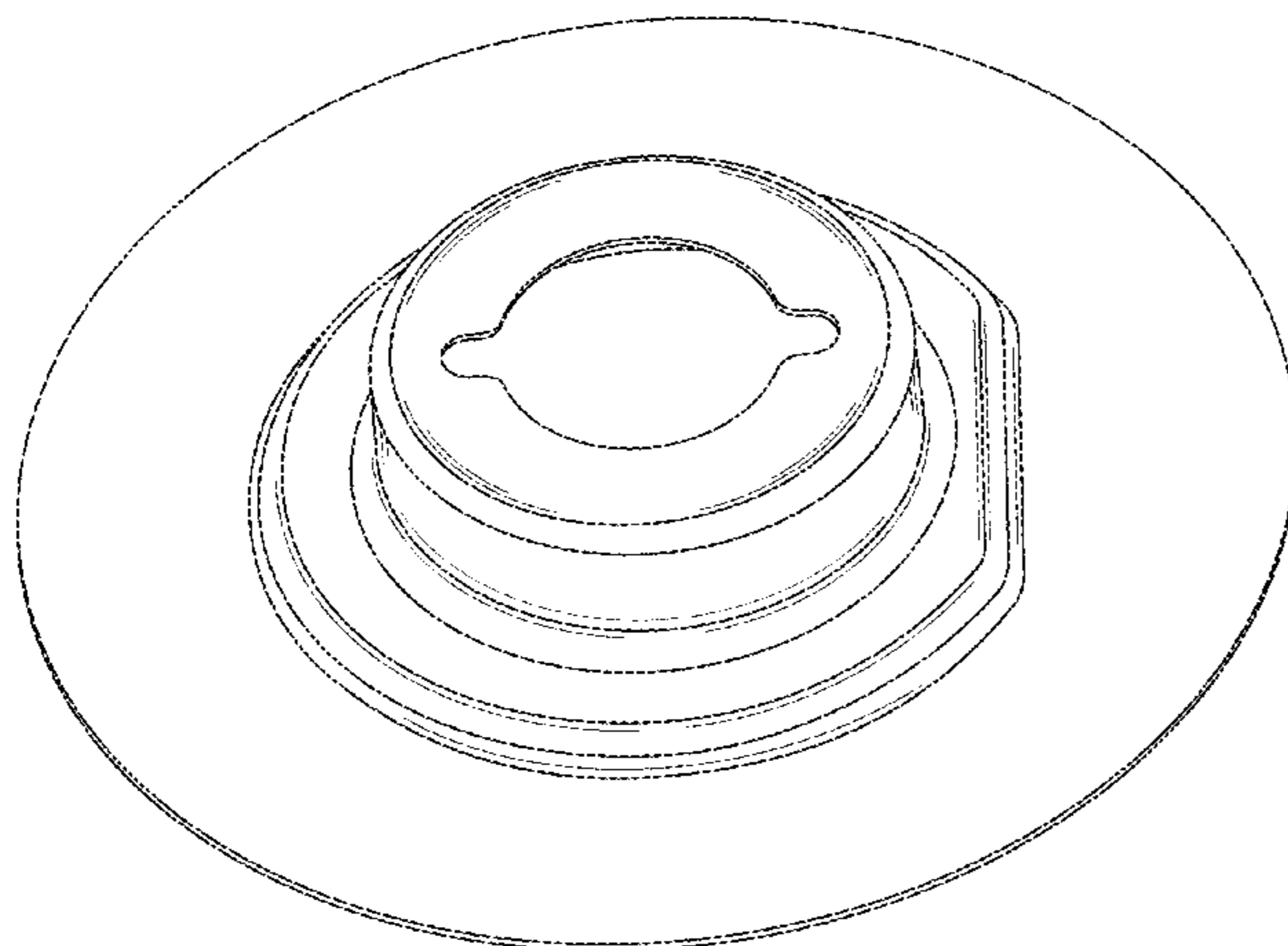
We claim the ornamental design for a sterile drape interface,  
as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of a sterile drape interface;  
FIG. 2 is a bottom perspective view of the sterile drape  
interface of FIG. 1;  
FIG. 3 is a top view of the sterile drape interface of FIG. 1;  
FIG. 4 is a bottom view of the sterile drape interface of FIG.  
1;  
FIG. 5 is a front view of the sterile drape interface of FIG.  
1;  
FIG. 6 is a rear view of the sterile drape interface of FIG. 1;  
FIG. 7 is a left-side view of the sterile drape interface of FIG.  
1; and,  
FIG. 8 is a right-side view of the sterile drape interface of  
FIG. 1.

Any features shown in broken lines depict environmental  
subject matter only and form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

9,233,220 B2 \* 1/2016 Persson ..... A61M 16/047  
D759,828 S \* 6/2016 Riedle ..... D24/189  
D764,064 S \* 8/2016 Vezina ..... D24/187  
9,687,388 B2 \* 6/2017 Ranieri ..... A61F 13/14  
D798,460 S \* 9/2017 Farley ..... D24/189  
RE47,100 E \* 10/2018 Smith ..... D24/189  
D895,127 S \* 9/2020 Carroll ..... D24/189  
D919,743 S \* 5/2021 DiMeo ..... D22/122  
2007/0250018 A1 \* 10/2007 Adachi ..... A61M 37/0015  
604/239  
2009/0248039 A1 \* 10/2009 Cooper ..... A61B 34/30  
606/130  
2010/0324510 A1 \* 12/2010 Andresen ..... A61F 13/0216  
604/319  
2011/0028918 A1 \* 2/2011 Hartwell ..... A61F 13/0226  
604/319

\* cited by examiner

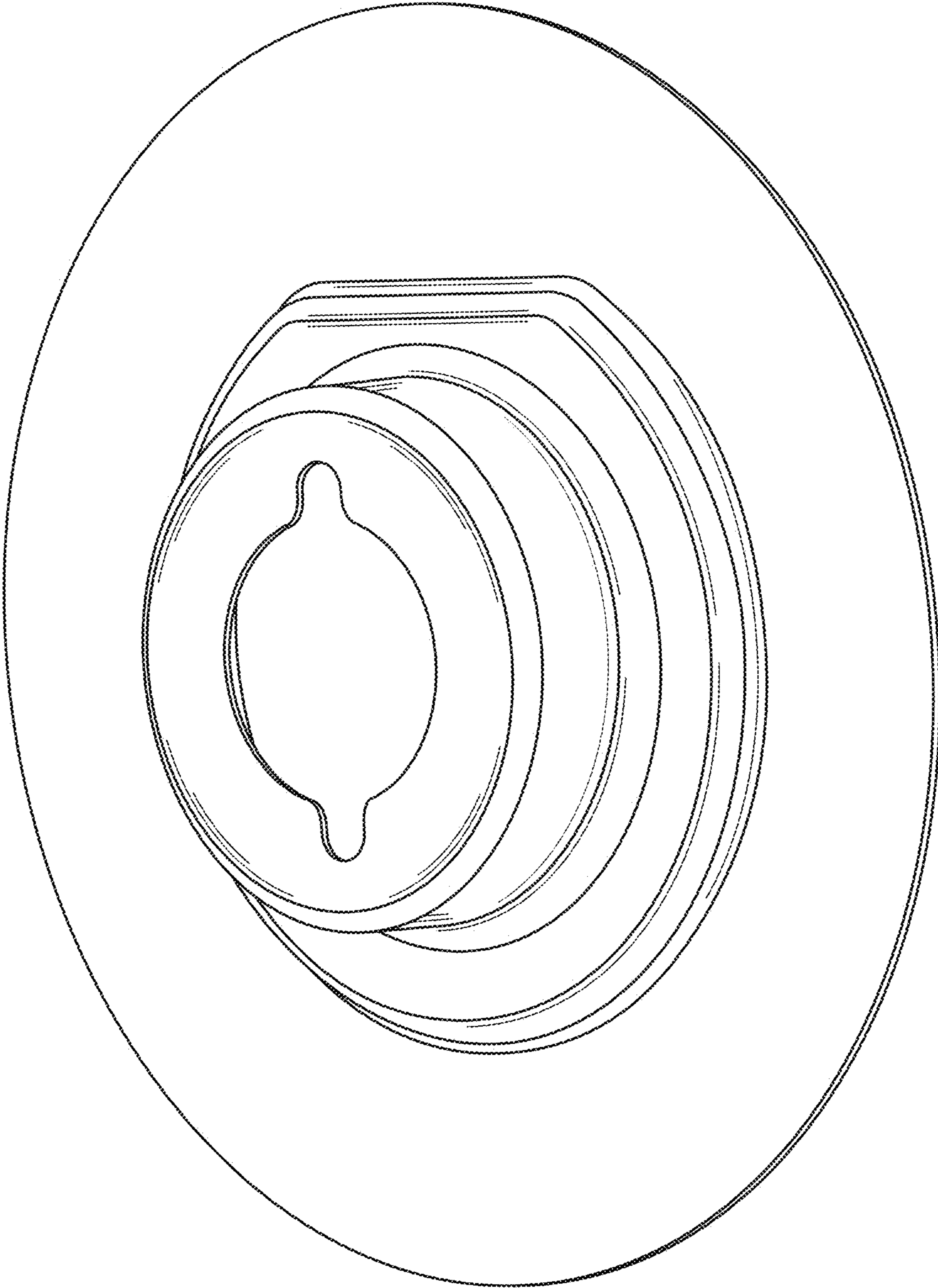


FIG. 1

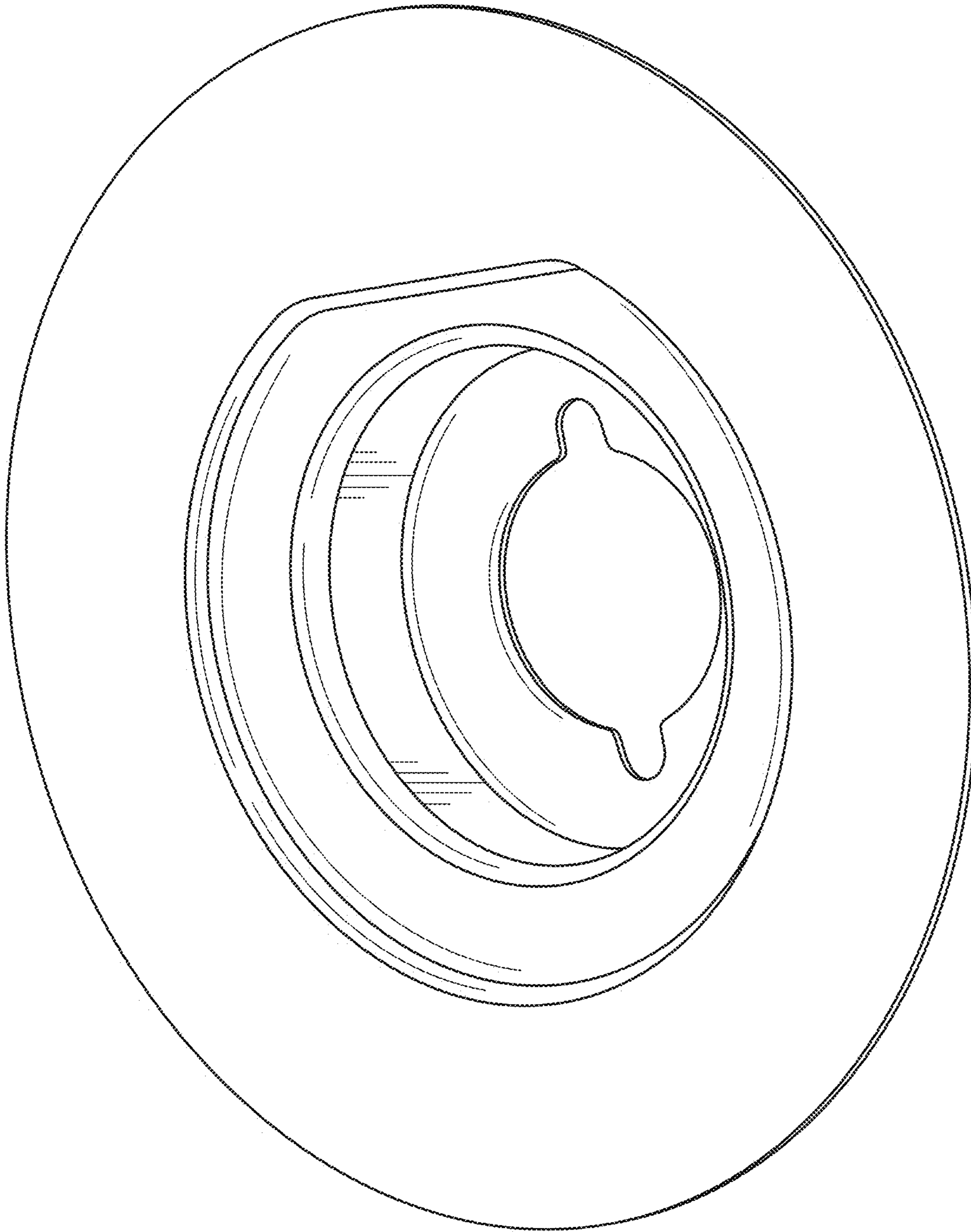


FIG. 2

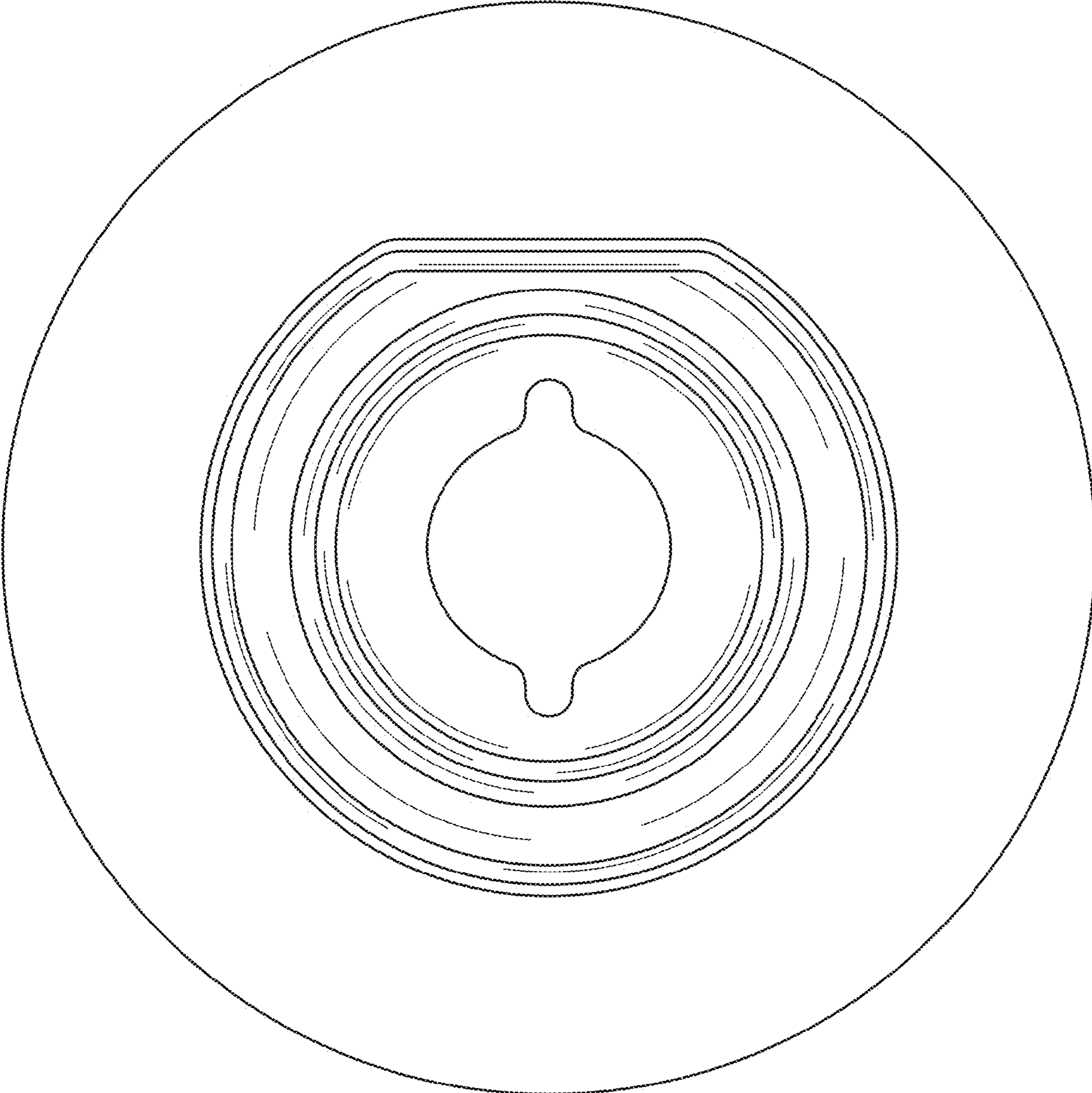


FIG. 3

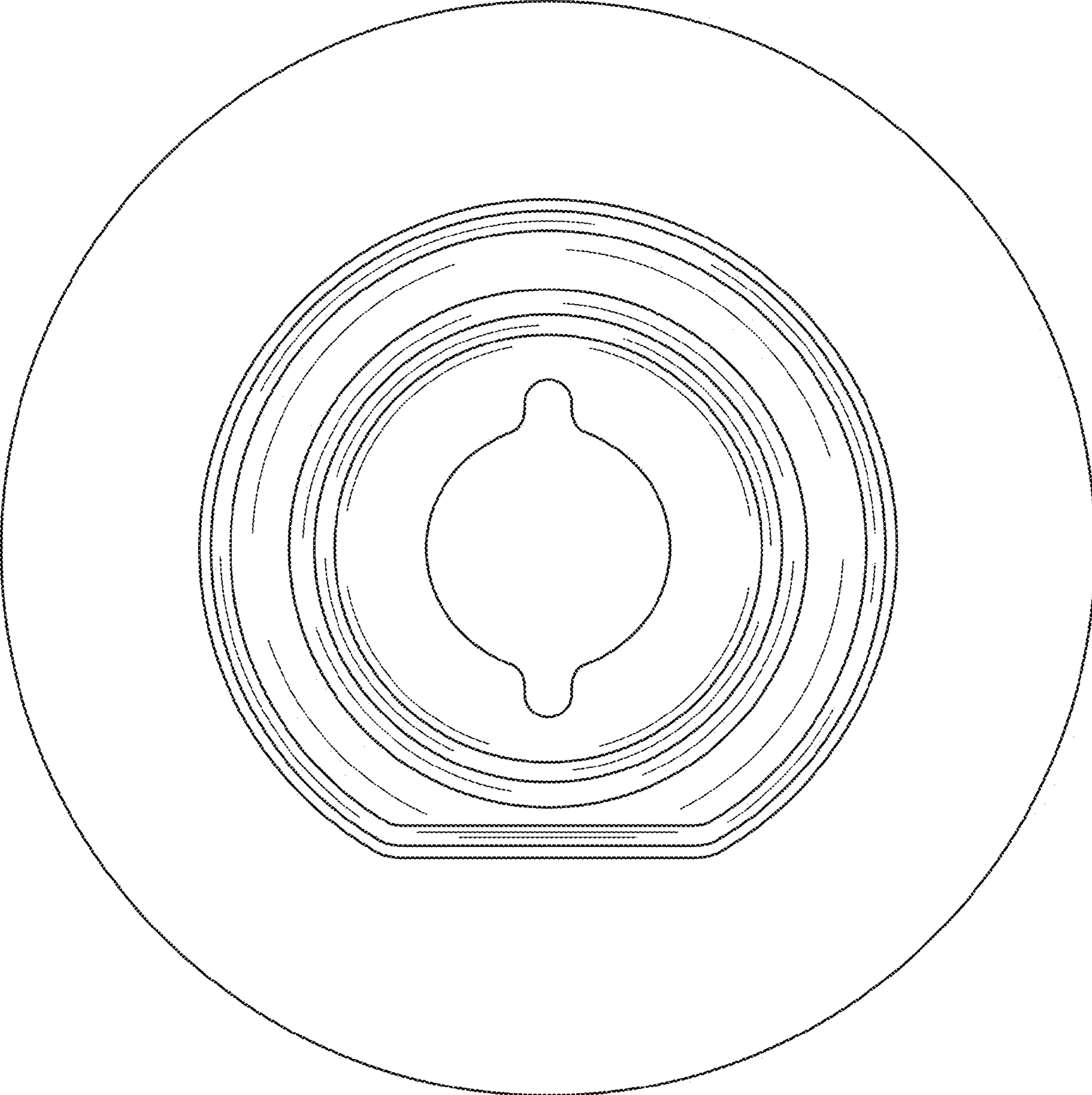


FIG. 4

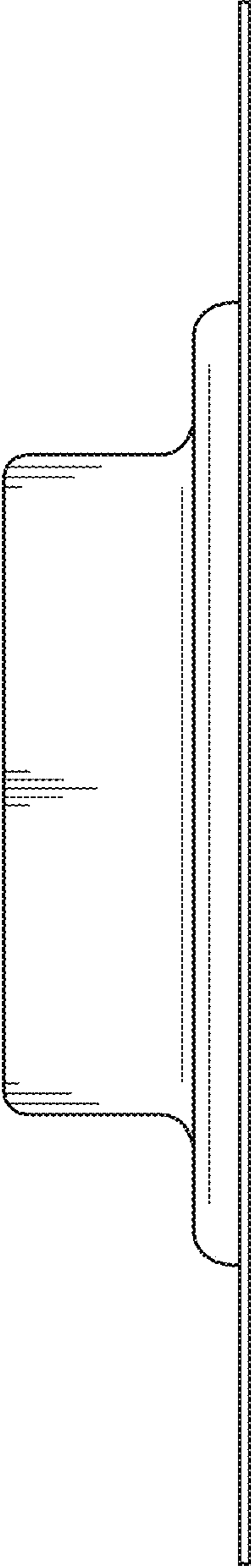


FIG. 5

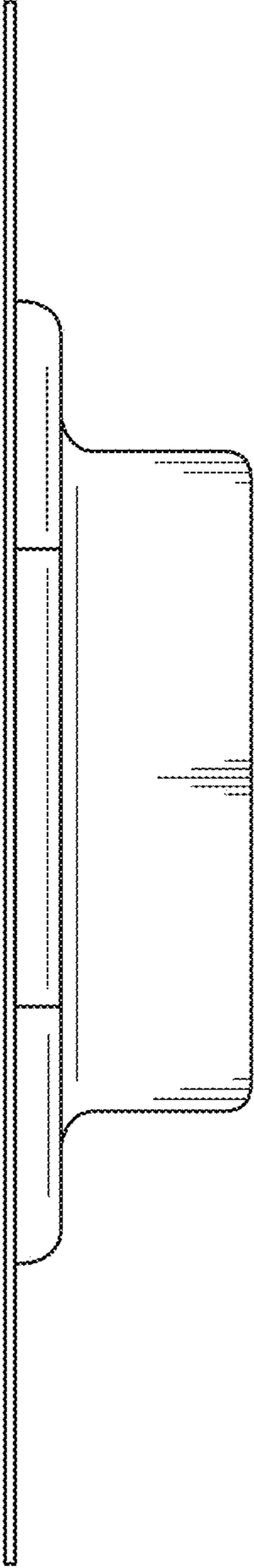


FIG. 6



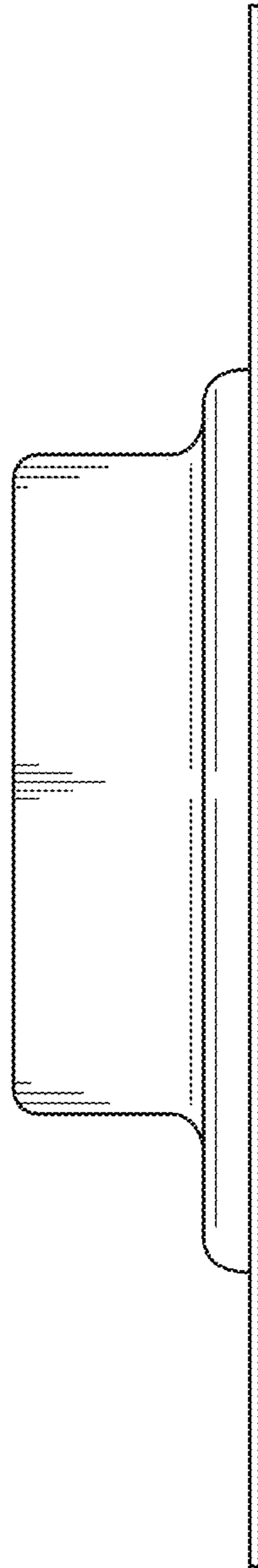


FIG. 7

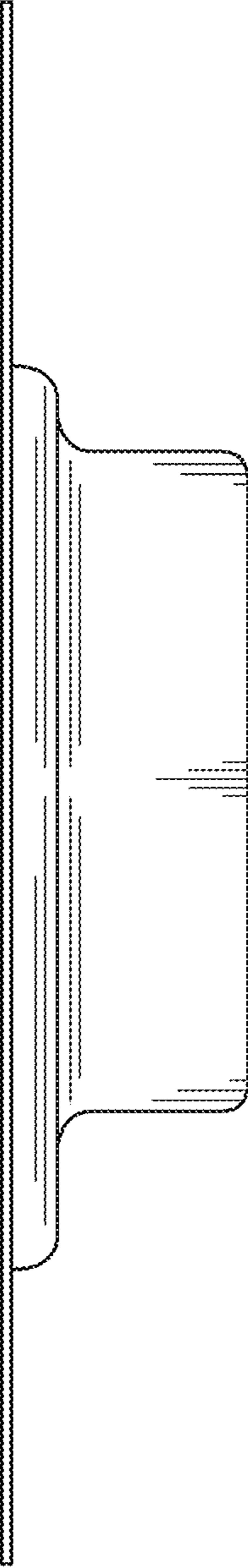


FIG. 8