



US00D787647S

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

(10) **Patent No.:** **US D787,647 S**

(45) **Date of Patent:** **** May 23, 2017**

(54) **HAND TIGHTENED HYDRAULIC FITTING**

(71) Applicant: **GATES CORPORATION**, Denver, CO (US)

(72) Inventors: **Richard A. Eaton**, Sedalia, CO (US);
Keith E. Zulauf, Castle Rock, CO (US); **Donald R. Gilbreath**, Castle Rock, CO (US)

(73) Assignee: **Gates Corporation**, Denver, CO (US)

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

(21) Appl. No.: **29/533,966**

(22) Filed: **Jul. 23, 2015**

Related U.S. Application Data

(60) Division of application No. 29/449,856, filed on Mar. 15, 2013, now Pat. No. Des. 738,470, which is a continuation of application No. 13/675,109, filed on Nov. 13, 2012.

(51) **LOC (10) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/259**

(58) **Field of Classification Search**
USPC D23/233, 245, 259-269; 285/86-93
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D32,963 S *	7/1900	Levering	D23/262
D118,575 S *	1/1940	Thomas, Jr.	D23/262
D206,045 S	10/1966	Baker	
3,446,245 A	5/1969	Snyder, Jr.	
D221,432 S *	8/1971	Dunlap	D23/262
D296,530 S	7/1988	Nowacki et al.	
D296,581 S *	7/1988	Hattori	D23/262
4,776,618 A	10/1988	Barree	

D299,267 S	1/1989	Roman	
4,802,695 A	2/1989	Weinhold	
D325,775 S	4/1992	Hayes	
D327,314 S *	6/1992	Hayes	D23/262
D334,617 S *	4/1993	Roman	D23/262
D347,263 S *	5/1994	Phillips	D23/231

(Continued)

Primary Examiner — Kevin Rudzinski

Assistant Examiner — John Reickel

(74) *Attorney, Agent, or Firm* — Paul N. Dunlap, Esq.;
Jeffrey A. Thurnau, Esq.

(57) **CLAIM**

The ornamental design for a hand tightened hydraulic fitting, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a hand tightened hydraulic fitting.

FIG. 2 is a rear perspective view of a hand tightened hydraulic fitting.

FIG. 3 is a front elevation view of a hand tightened hydraulic fitting.

FIG. 4 is a rear elevation view of a hand tightened hydraulic fitting.

FIG. 5 is a top plan view of a hand tightened hydraulic fitting.

FIG. 6 is a bottom plan view of a hand tightened hydraulic fitting.

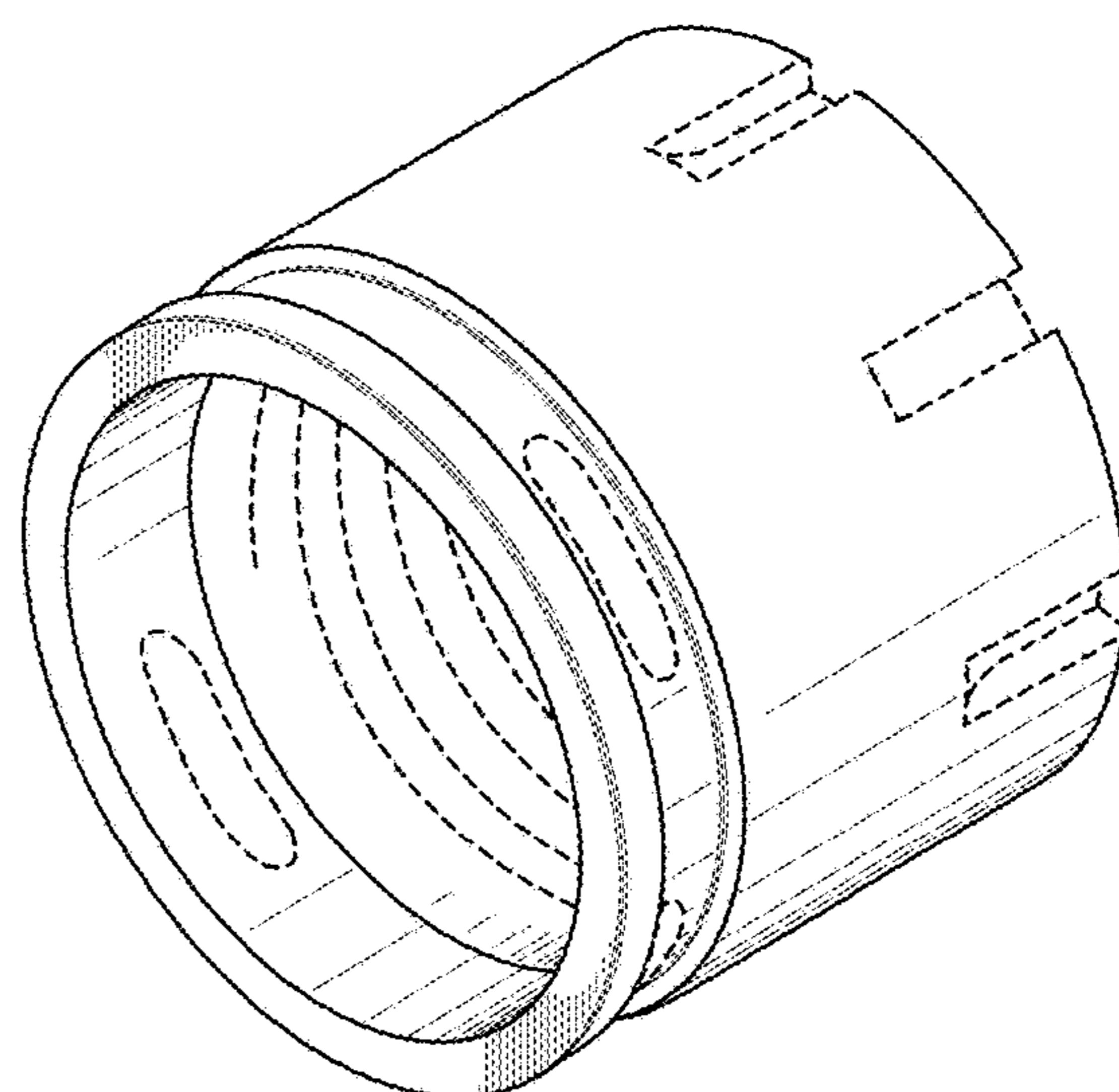
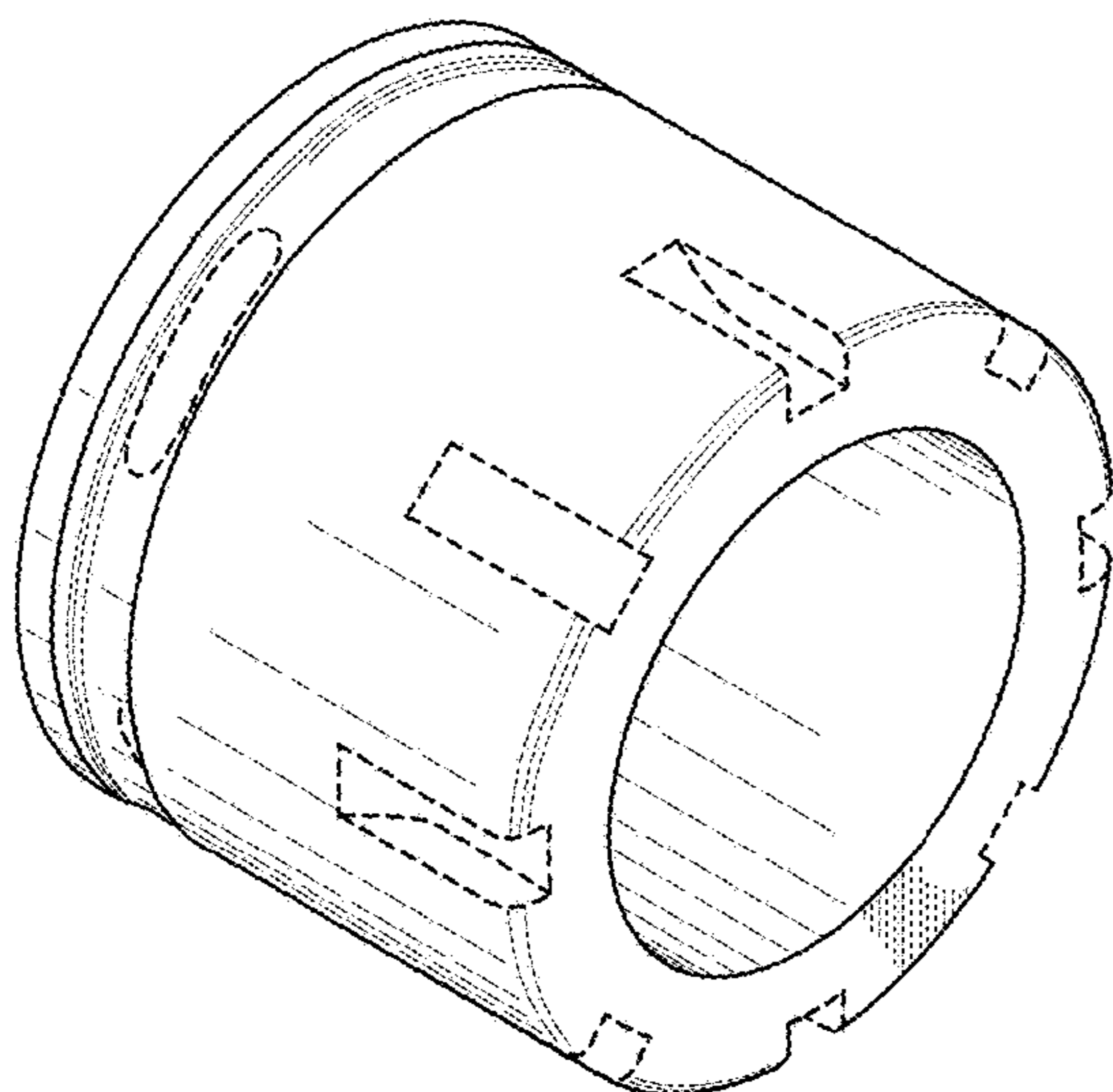
FIG. 7 is a left side elevation view of a hand tightened hydraulic fitting.

FIG. 8 is a right side elevation view of a hand tightened hydraulic fitting; and,

FIG. 9 is a cross-sectional view of a hand tightened hydraulic fitting at line 9-9 in FIG. 3.

Broken lines are used to show portions of the hand tightened hydraulic fitting which form no part of the claim.

1 Claim, 3 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D375,843 S * 11/1996 Wolfenden D4/199
D410,529 S 6/1999 Taylor
5,957,509 A 9/1999 Komolrochanaporn
D419,652 S * 1/2000 Hall D23/259
D433,928 S 11/2000 Alcone
D439,637 S * 3/2001 Davies D23/262
D463,537 S * 9/2002 Kozu D23/233
D595,750 S 7/2009 Ericksson et al.
D648,005 S * 11/2011 Morishita D23/259
D648,006 S * 11/2011 Morishita D23/259
D648,008 S * 11/2011 Percoco D23/262
8,657,343 B2 * 2/2014 Rodenberg F16L 37/0915
285/319
D711,516 S * 8/2014 Guest D23/262
8,857,863 B1 10/2014 Patin et al.
D736,358 S * 8/2015 Melo D23/262
D741,457 S * 10/2015 Guest D23/262
D745,117 S * 12/2015 Ramey D23/262
2004/0061331 A1 4/2004 Murken
2009/0315324 A1 12/2009 Molloy
2012/0085443 A1 4/2012 Ellis et al.
2012/0086201 A1 4/2012 Murken
2013/0161941 A1 6/2013 Zulauf et al.

* cited by examiner

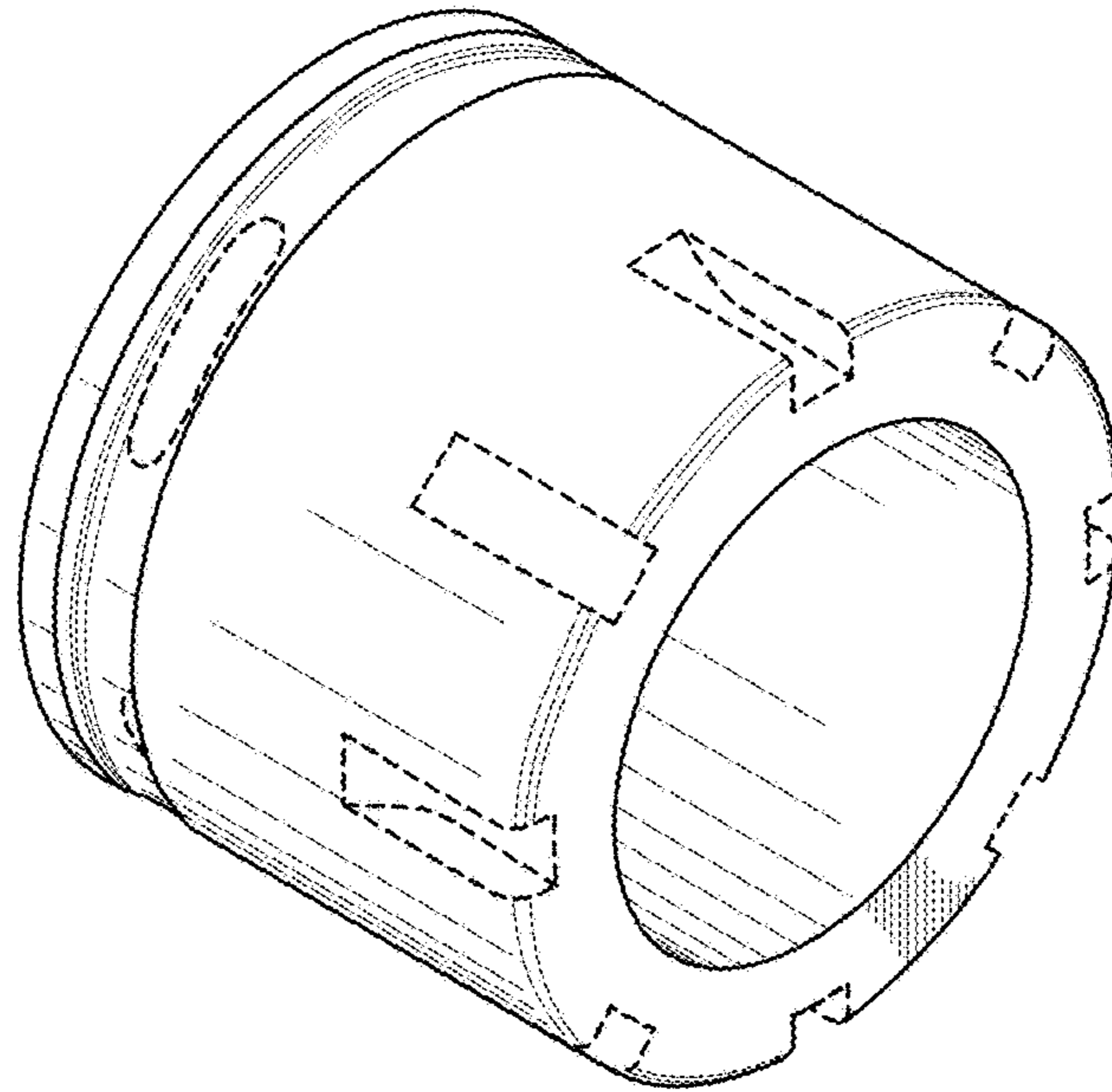


FIG. 1

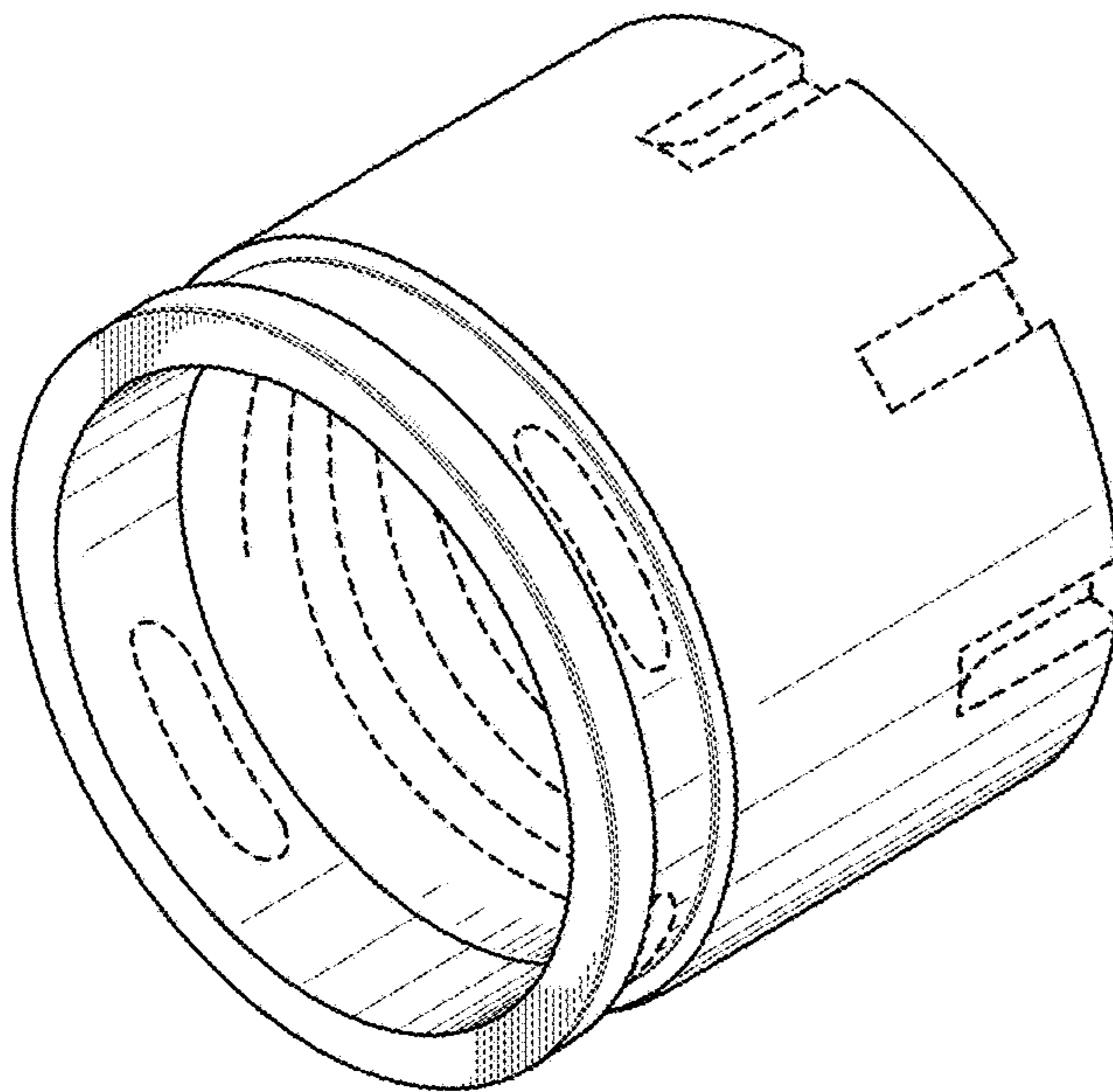


FIG. 2

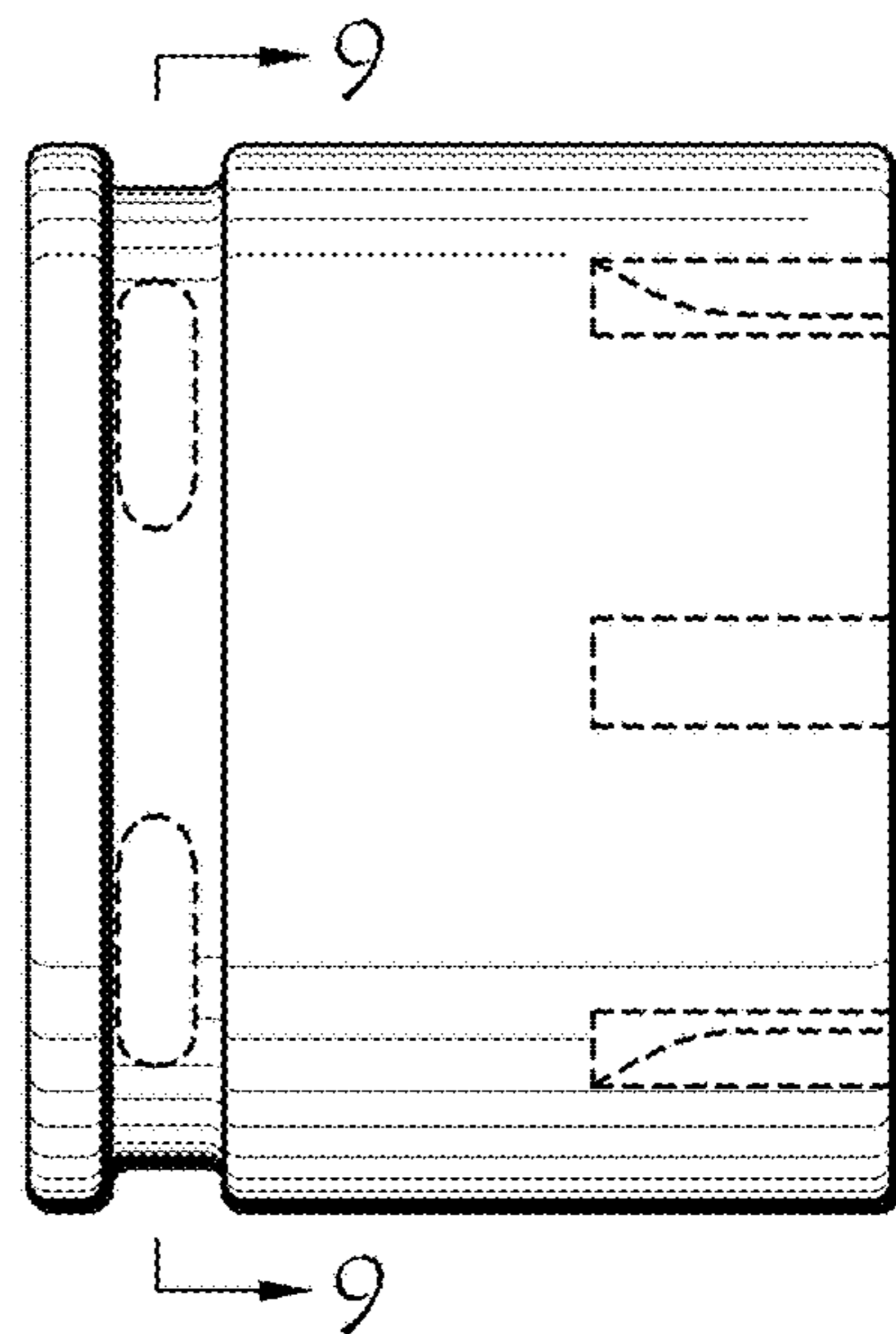


FIG. 3

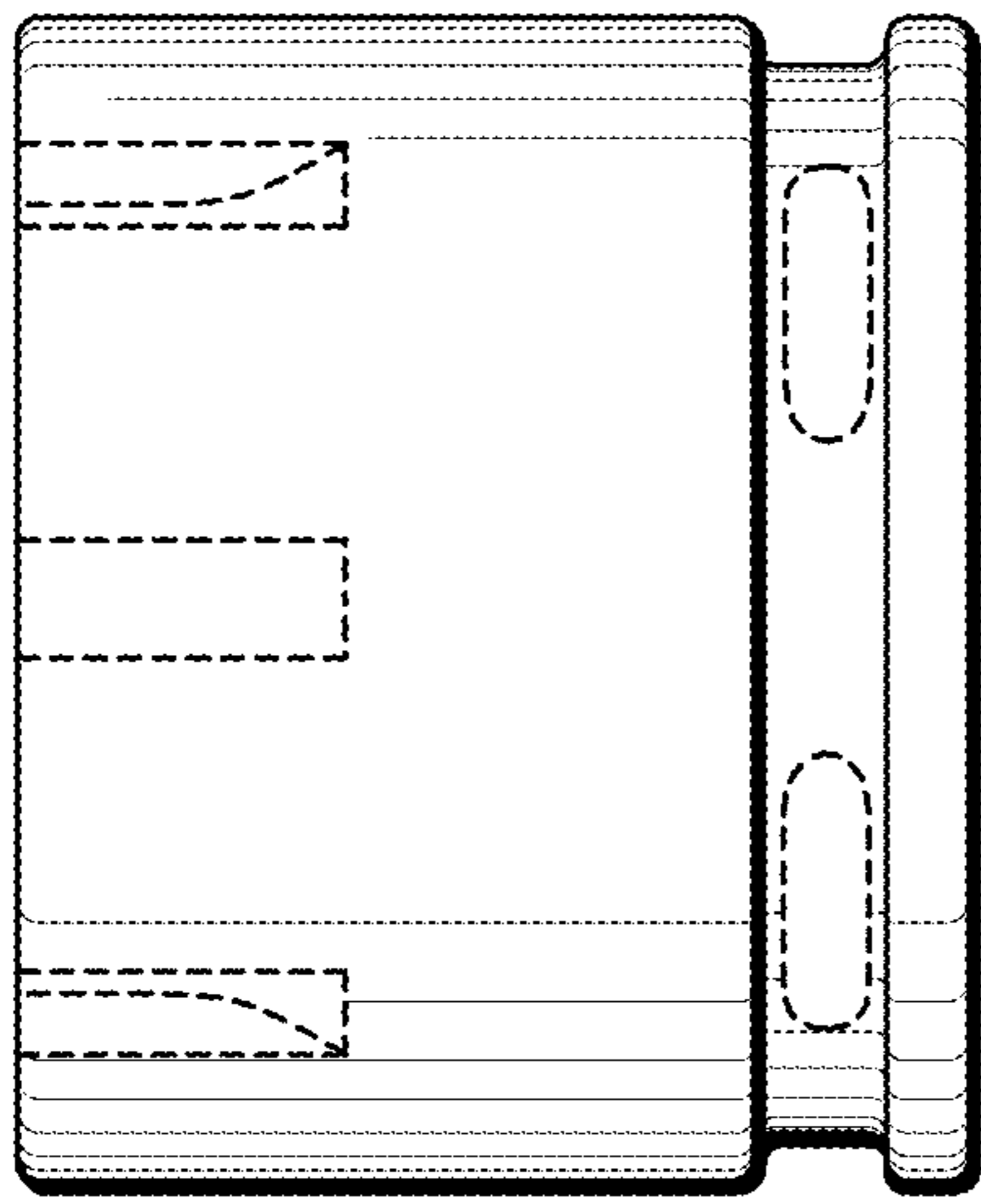


FIG. 4

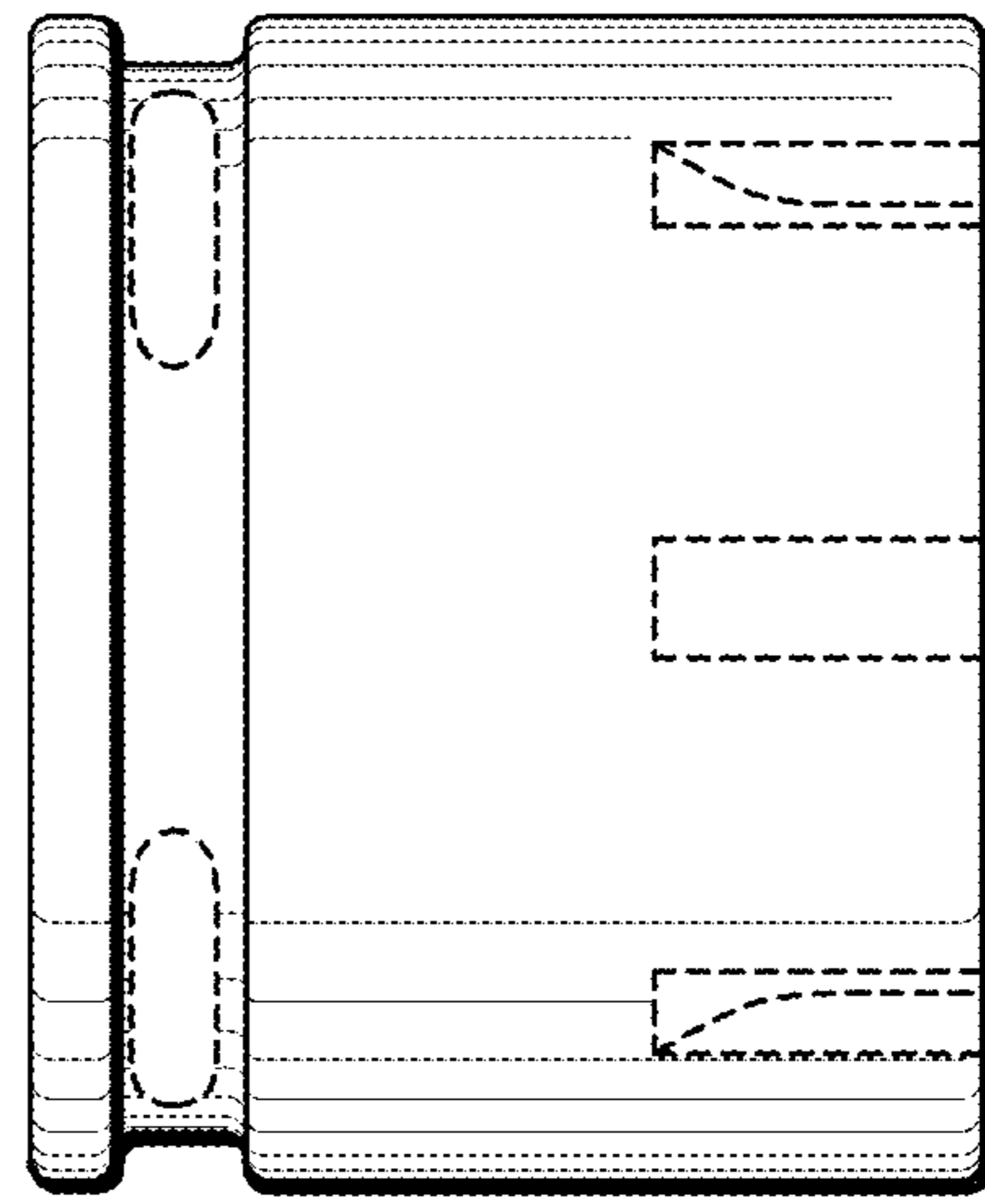


FIG. 5

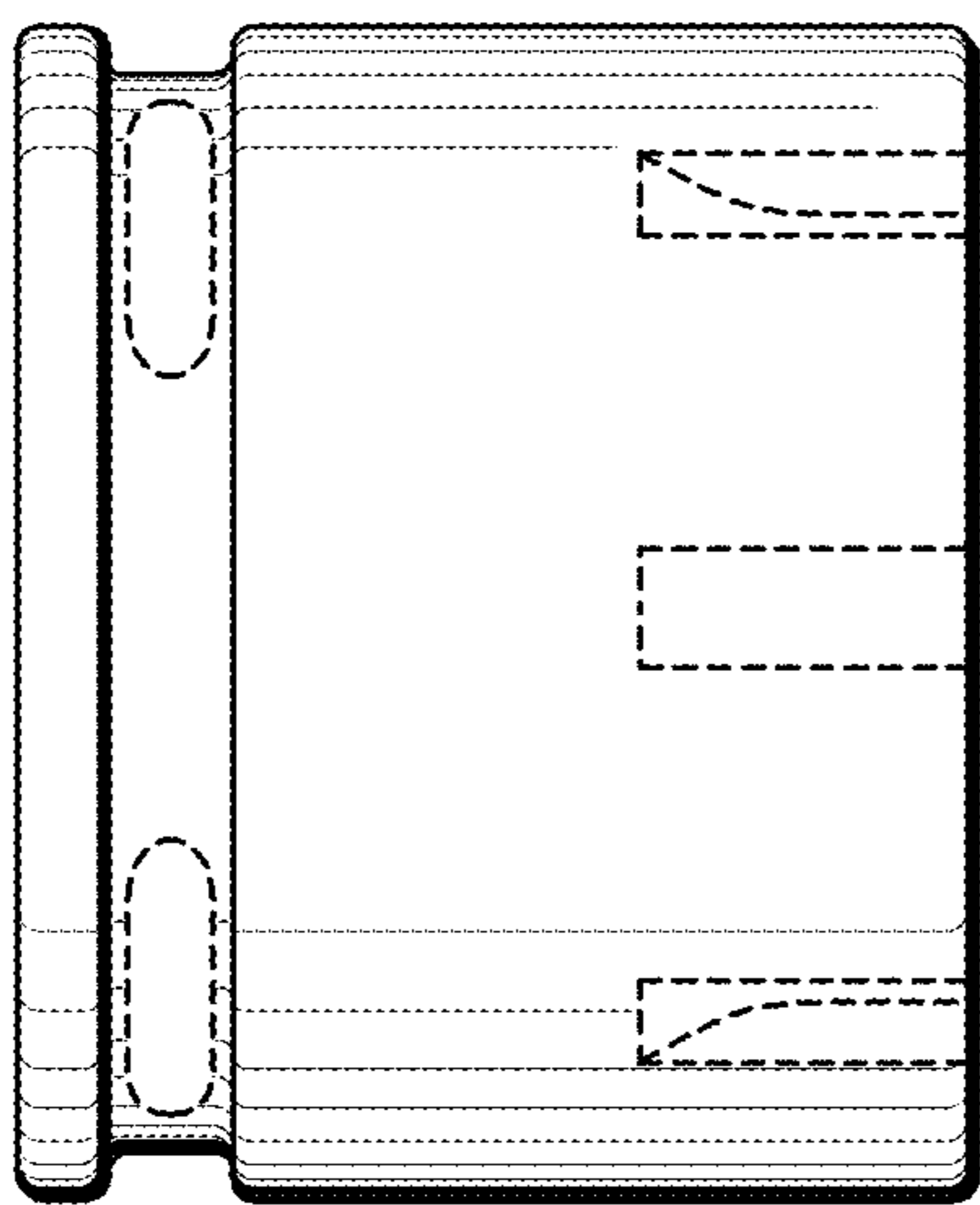


FIG. 6

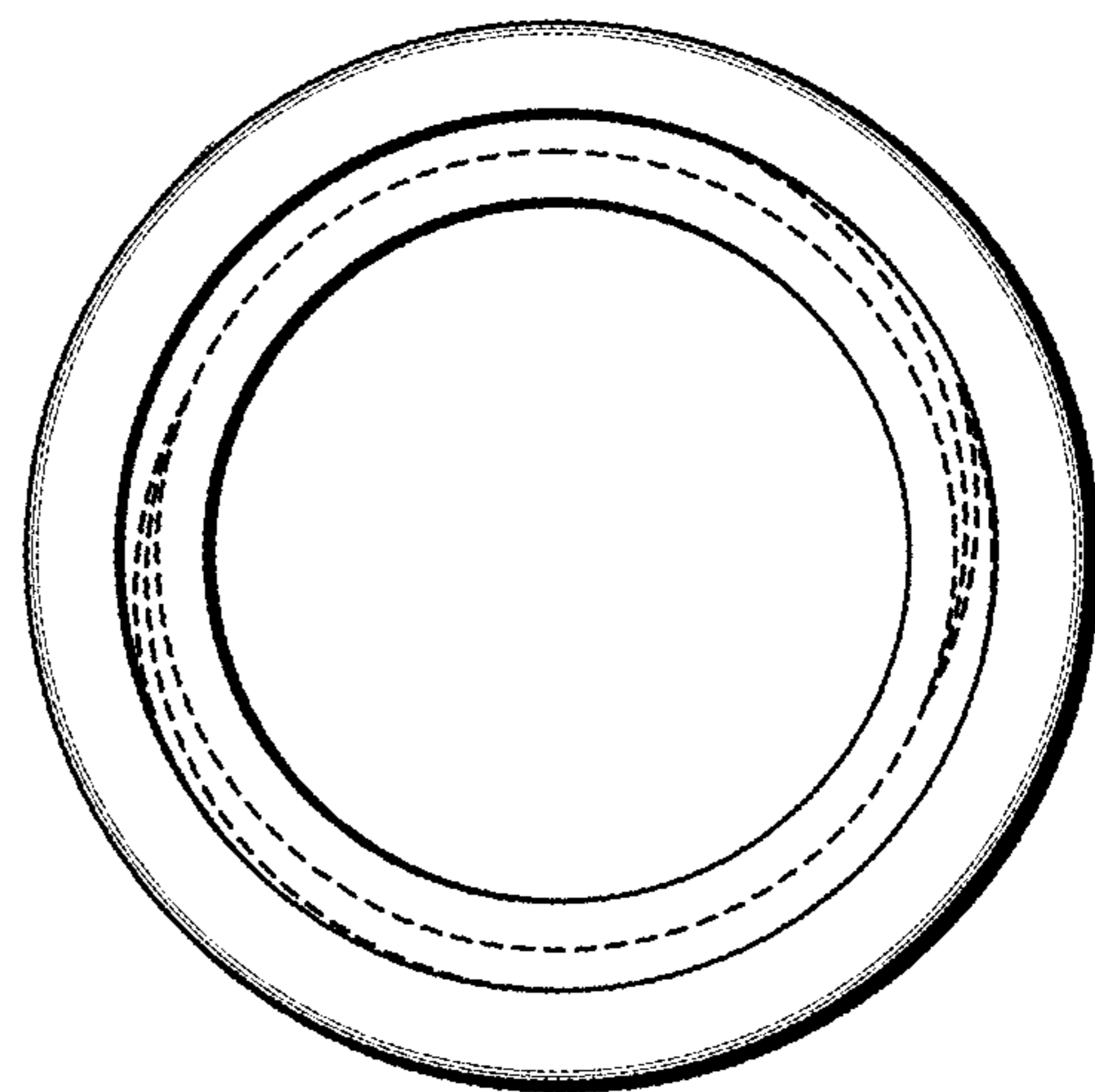


FIG. 7

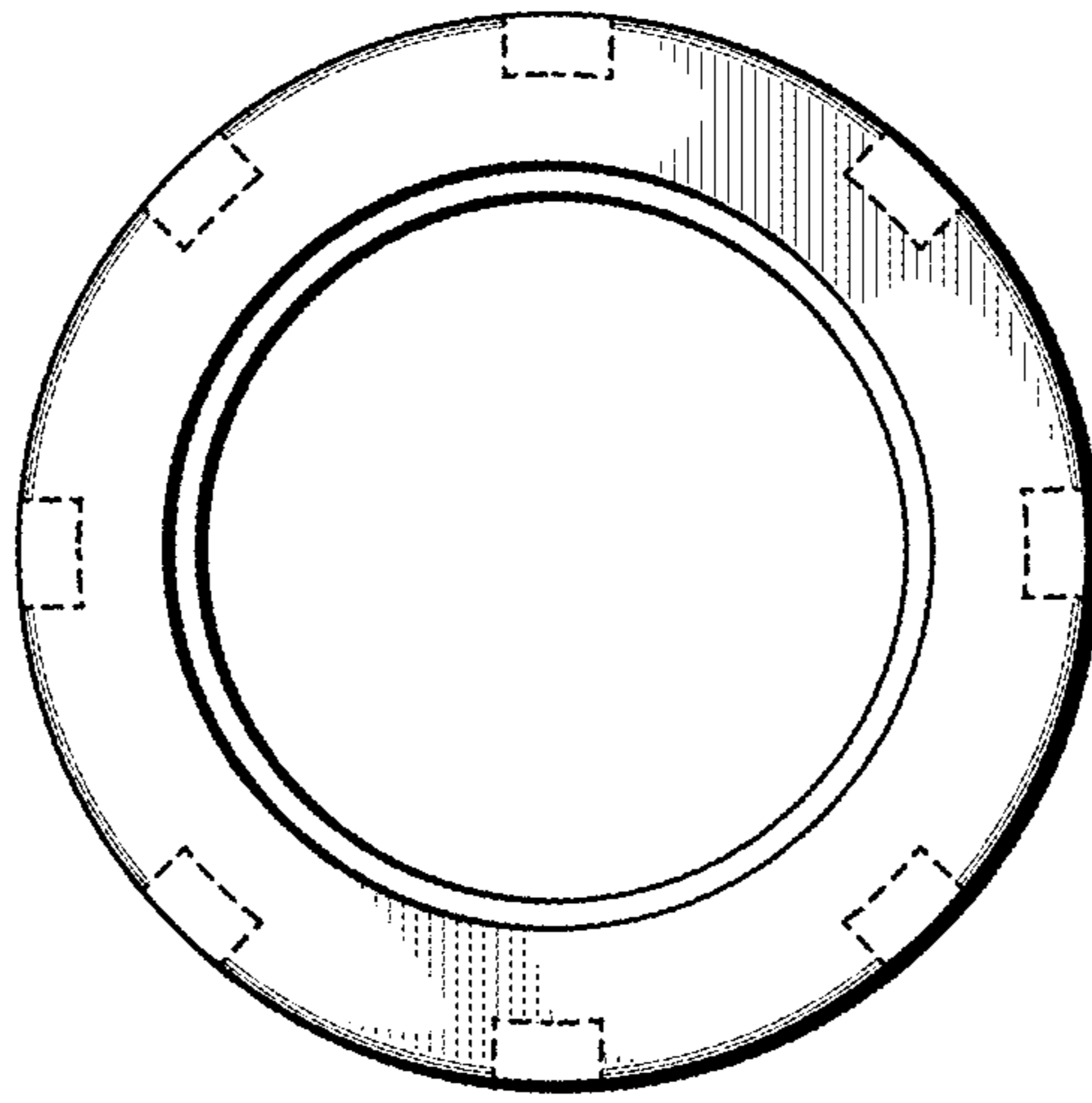


FIG. 8

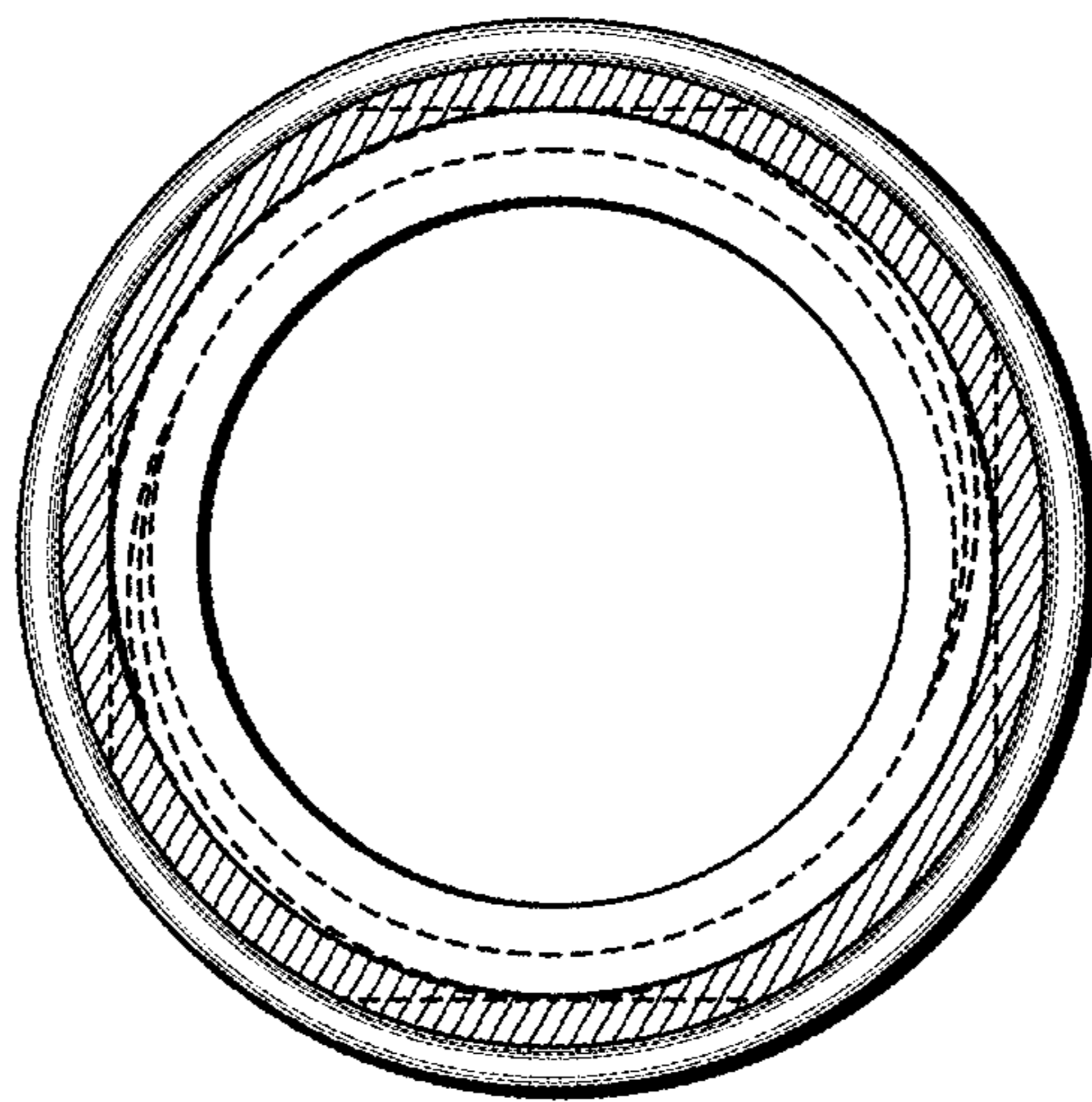


FIG. 9