



US00D680416S

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

(10) **Patent No.:** **US D680,416 S0**
(45) **Date of Patent:** **** Apr. 23, 2013**

(54) **HIGH-STRENGTH LOCK**

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(73) Assignee: **United States Postal Service,**
Washington, DC (US)

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

(21) Appl. No.: **29/436,994**

(22) Filed: **Nov. 21, 2012**

Related U.S. Application Data

(62) Division of application No. 12/004,856, filed on Dec. 21, 2007.

(51) **LOC (9) Cl.** **08-07**

(52) **U.S. Cl.**
USPC **D8/343; D8/330**

(58) **Field of Classification Search** D8/339,
D8/331, 333, 343, 341; 70/77-79, 57, 58,
70/89, 158, 230, 275, 423, 427, 455, 372,
70/373, 281, 449, 377, 381, 379 R, DIG. 62,
70/DIG. 43, 417, 370

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

487,969 A	12/1892	Sargent
2,255,402 A	9/1941	Vile
2,390,756 A	12/1945	Voight
D155,158 S	9/1949	Hillgren
2,487,803 A	11/1949	Heimann
2,538,688 A	1/1951	Heyer
2,547,256 A	4/1951	Cerf, Jr.
2,622,431 A	12/1952	Cerf, Jr.

3,102,412 A	9/1963	Christopher
3,173,466 A	3/1965	Starriett et al.
3,190,092 A *	6/1965	Patriquin 70/370
3,408,840 A	11/1968	Hasenbein
3,600,912 A	8/1971	Foreman

(Continued)

FOREIGN PATENT DOCUMENTS

WO WO 2008/080095 7/2008

OTHER PUBLICATIONS

PCT Search Report and written opinion for International Application No. PCT/US07/088641, mailed Sep. 24 and Sep. 29, 2008 (eight pages).

(Continued)

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(57) **CLAIM**

The ornamental design for a high-strength lock, as shown and described.

DESCRIPTION

FIG. 1 is a front right perspective view of a high-strength lock showing my new design;

FIG. 2 is a front view thereof;

FIG. 3 is a right side elevation view thereof, the left side being a mirror image thereof;

FIG. 4 is a top plan view thereof;

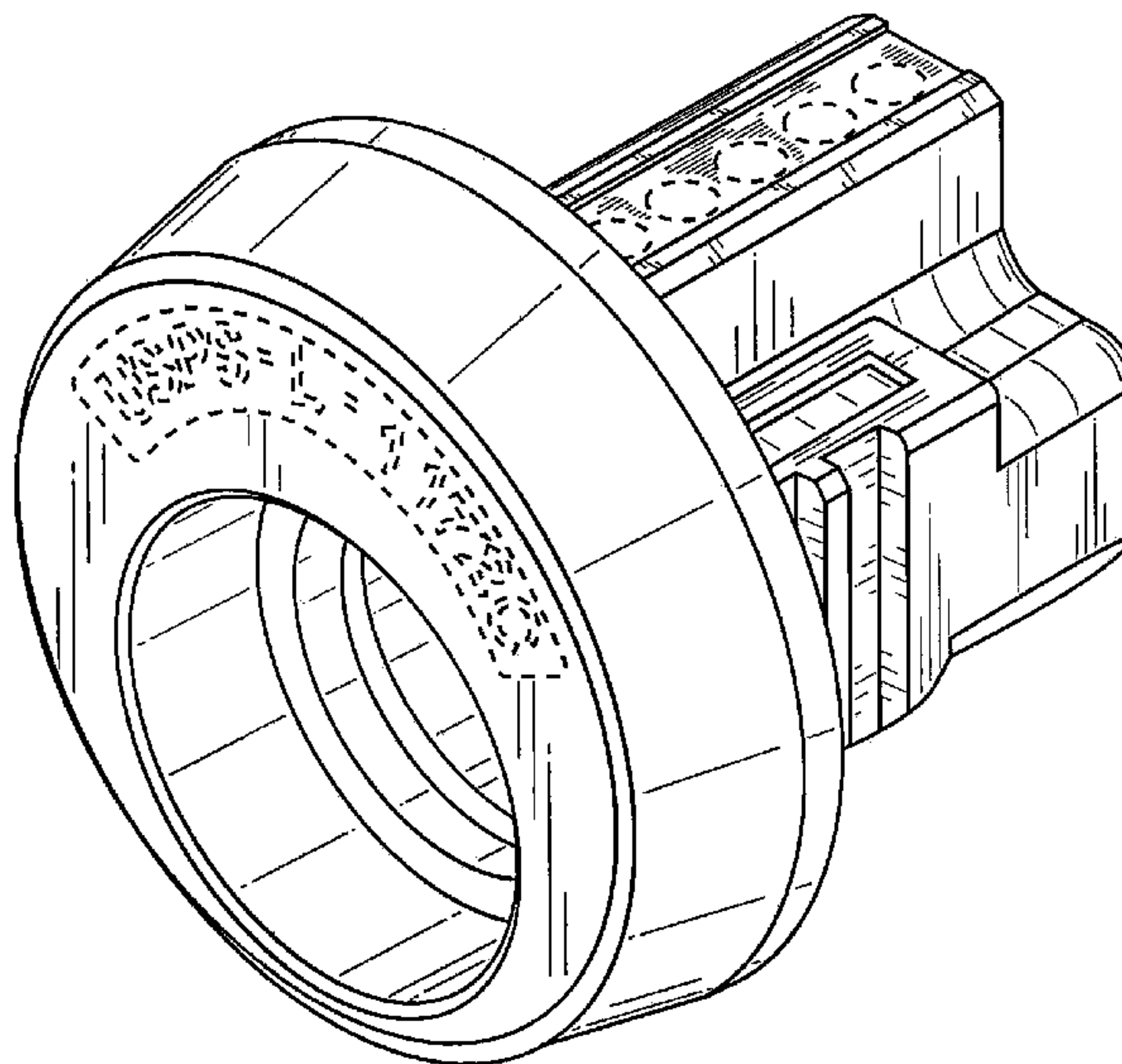
FIG. 5 is a bottom plan view thereof;

FIG. 6 is a rear view thereof; and,

FIG. 7 is a cross section at the line 7-7 in FIG. 4.

The broken lines in FIGS. 1, 2, 4, 5, and 7 depict environment, and the elements shown in broken lines form no part of the claimed design.

1 Claim, 7 Drawing Sheets



U.S. PATENT DOCUMENTS

3,702,553 A 11/1972 Nolin
3,789,638 A 2/1974 Roberts et al.
4,761,977 A * 8/1988 Weatherby 70/493
5,152,161 A 10/1992 Lee
5,199,285 A * 4/1993 Lin 70/220
5,265,453 A * 11/1993 Konii et al. 70/379 R
5,279,138 A 1/1994 Gallagher
5,435,159 A * 7/1995 Ramsauer 70/370
5,479,800 A * 1/1996 Myers 70/365
5,491,993 A 2/1996 Anderson
5,685,184 A 11/1997 Gallagher
5,713,708 A 2/1998 Van derDrift et al.
D410,190 S * 5/1999 Freck D8/331
6,012,311 A 1/2000 Duckwall
D422,882 S * 4/2000 Andrews D8/343
D435,427 S 12/2000 Sokurenko
6,155,090 A 12/2000 Rubensson
6,412,319 B1 7/2002 Adelmeyer
6,508,092 B1 1/2003 Laabs
D469,680 S * 2/2003 Laabs et al. D8/343
6,514,025 B2 2/2003 Watanabe
D471,428 S * 3/2003 Mirick D8/331
6,679,090 B1 1/2004 Finch, Jr.

D511,674 S * 11/2005 Myers et al. D8/343
7,003,994 B2 2/2006 Ruan
7,194,876 B1 3/2007 Pacheco et al.
D546,661 S * 7/2007 Jackson, Jr. D8/331
D549,075 S * 8/2007 Jackson, Jr. D8/331
7,251,970 B2 8/2007 Mielonen
7,591,160 B2 9/2009 Keller
2002/0104344 A1 8/2002 Nieves
2006/0137416 A1 6/2006 Chang

OTHER PUBLICATIONS

United States Postal Service Specification Patron Lock, Centralized
Delivery Equipment (CDE) (PSIN 0910A & B) (seven pages).
Ad: New 2006/07, CompX National New Postal Locks (one page).
Ad: Introducing New Postal Locks CompX National (one page).
Federal Register: Sep. 3, 2004 (vol. 69, No. 171) [Rules and Regu-
lations] [pp. 53808-53834] (28 pages).
International Preliminary Report on Patentability, dated Jul. 2, 2009,
for PCT Application No. PCT/US2007/088641, filed Dec. 21, 2007
(eight pages).

* cited by examiner

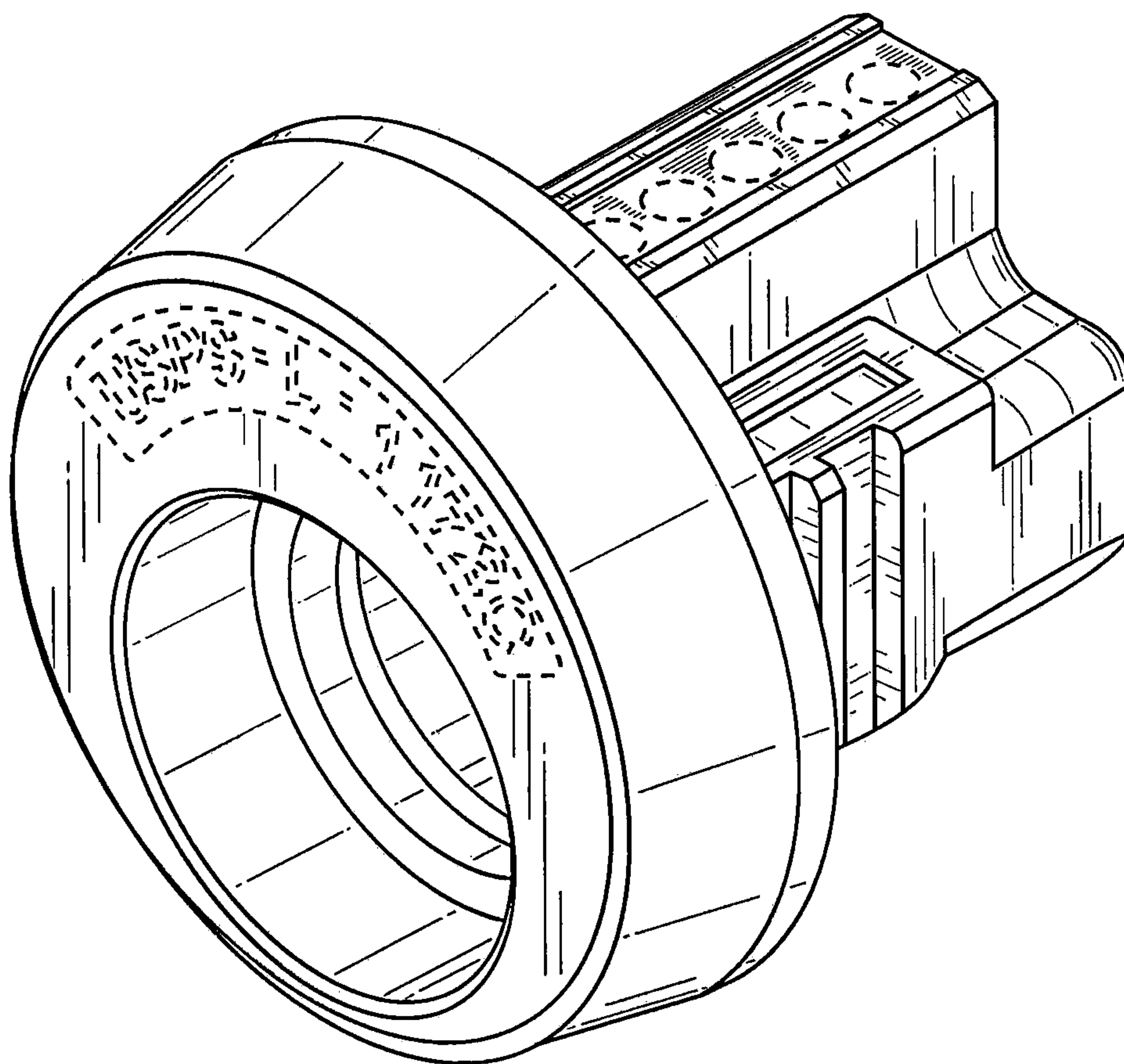


FIG. 1

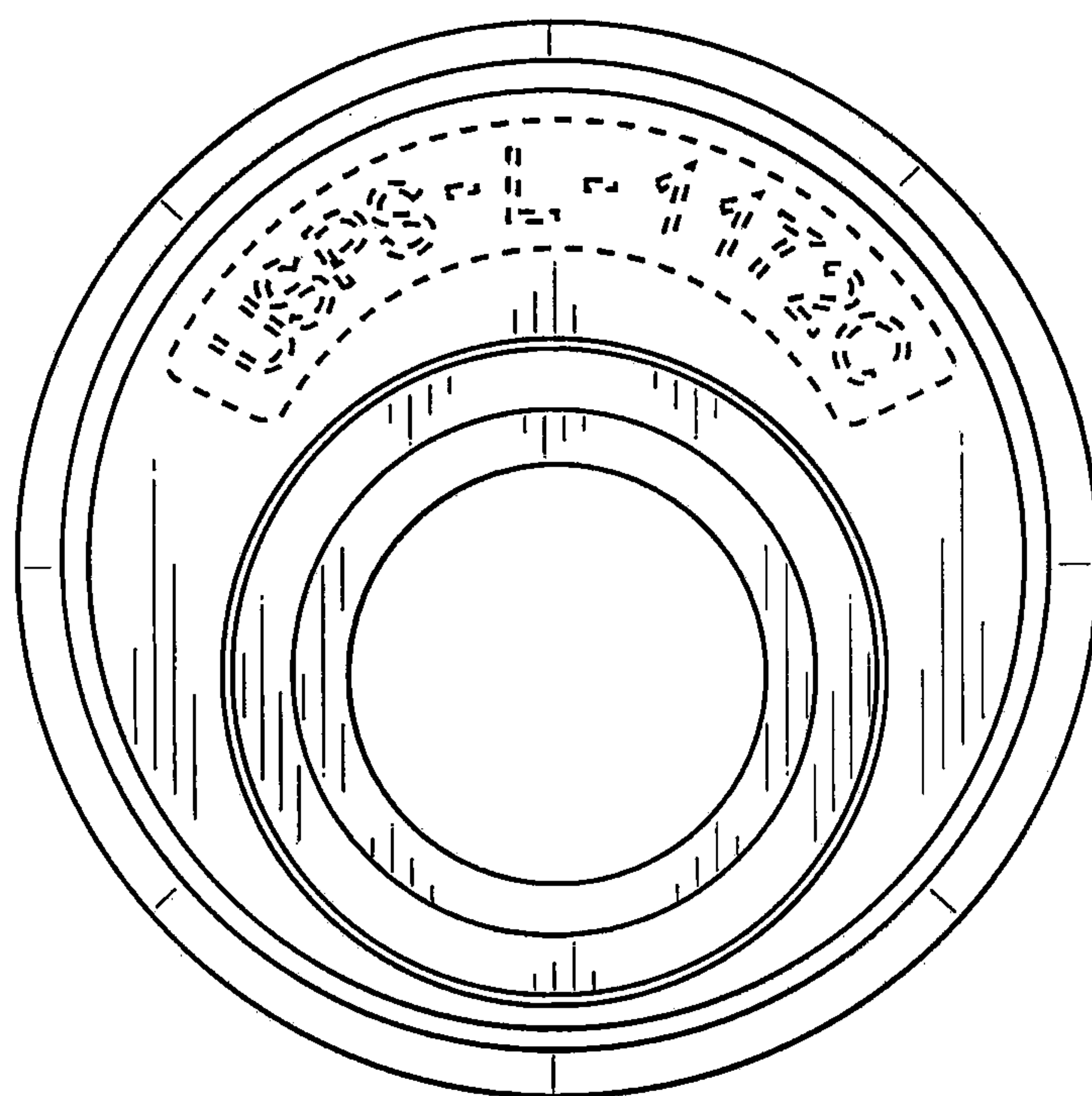


FIG. 2

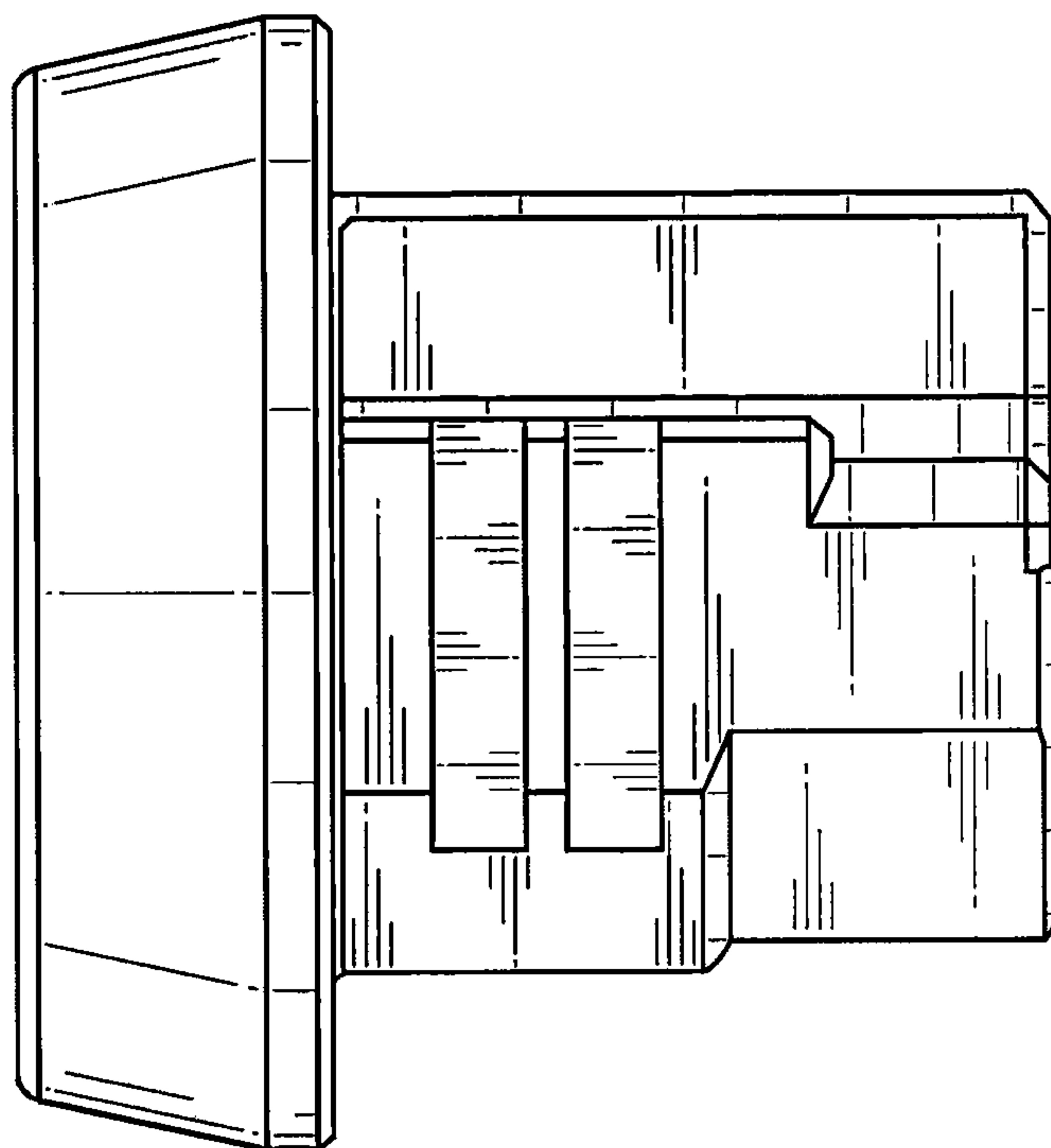


FIG. 3

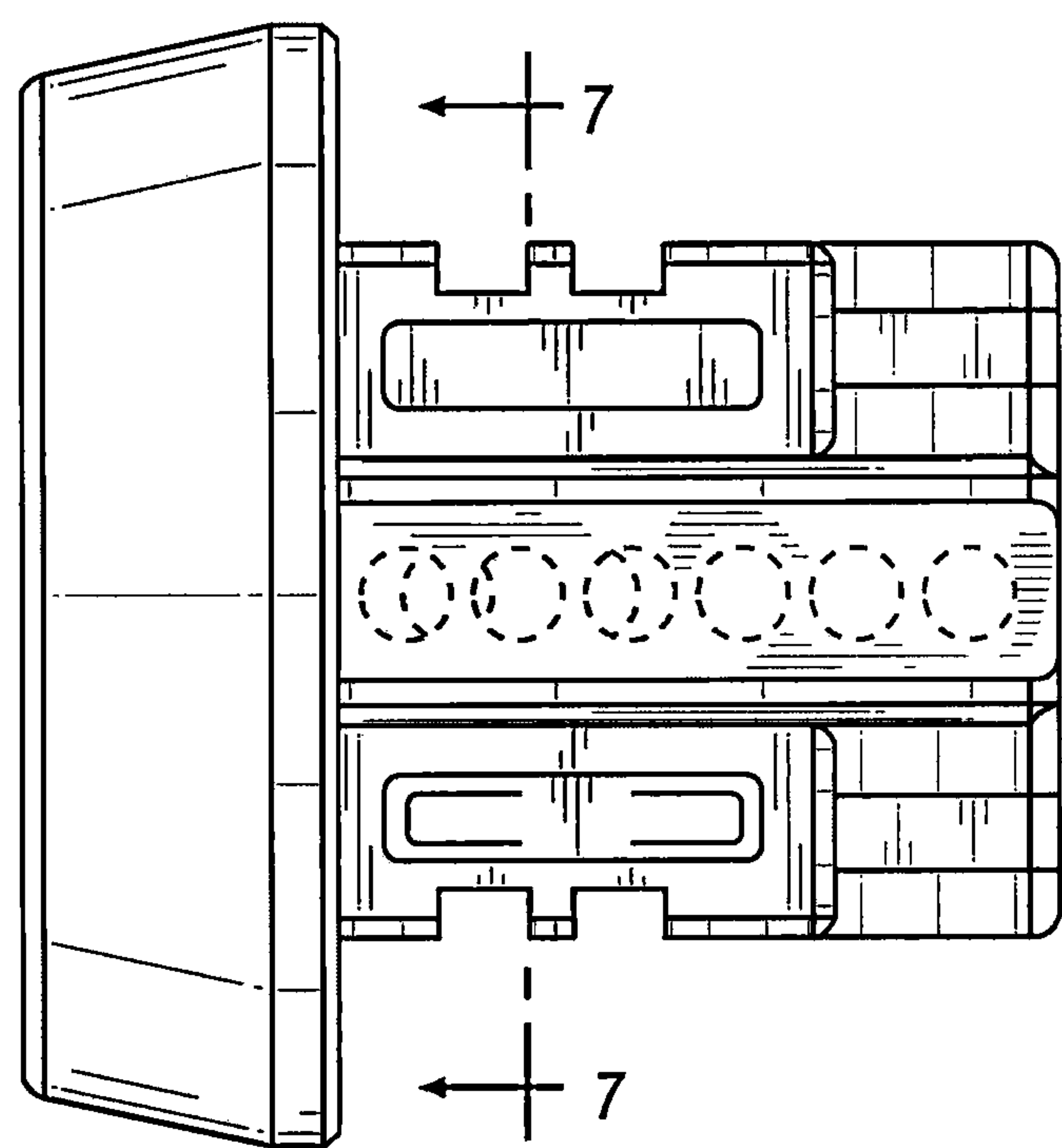


FIG. 4

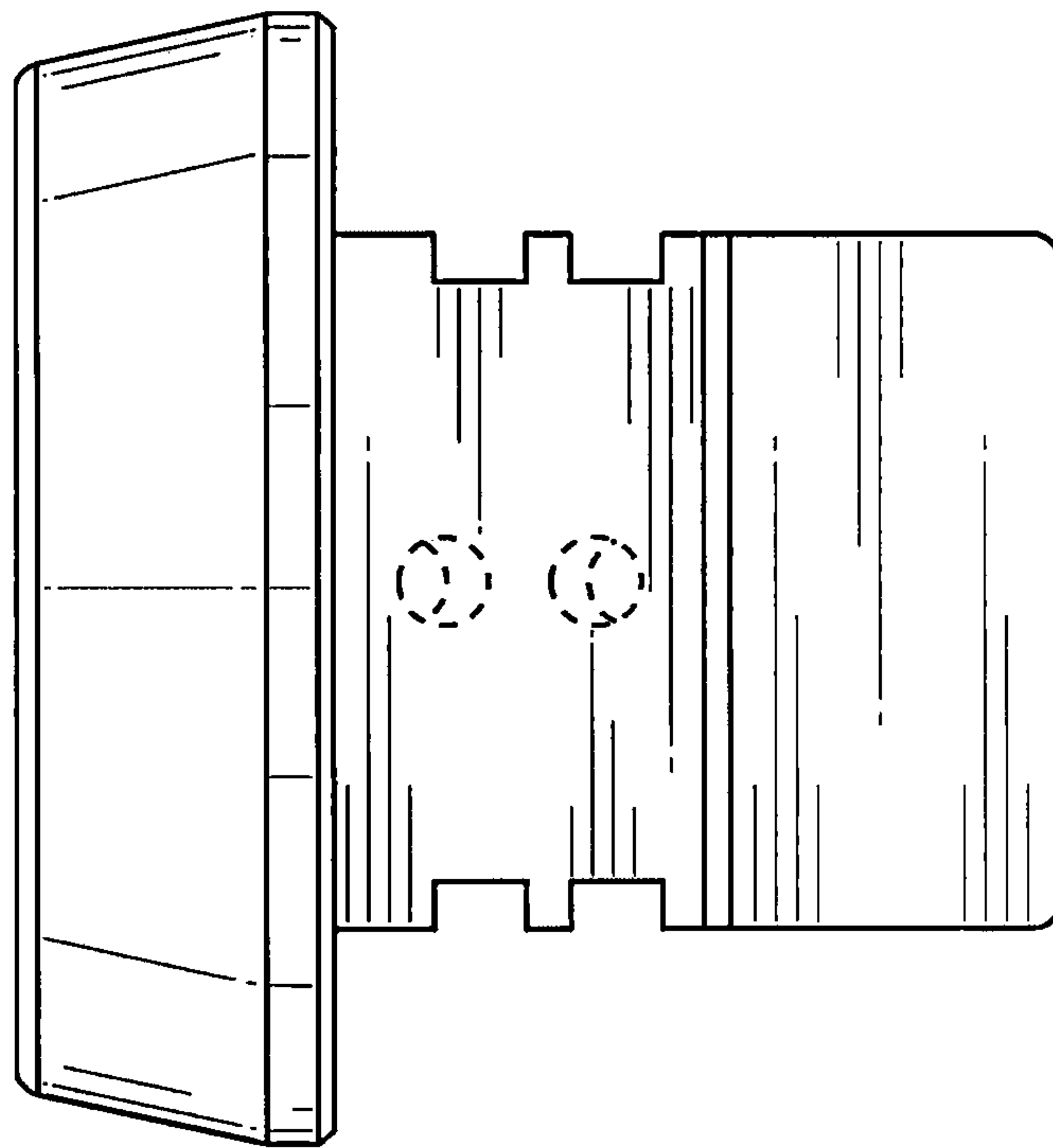


FIG. 5

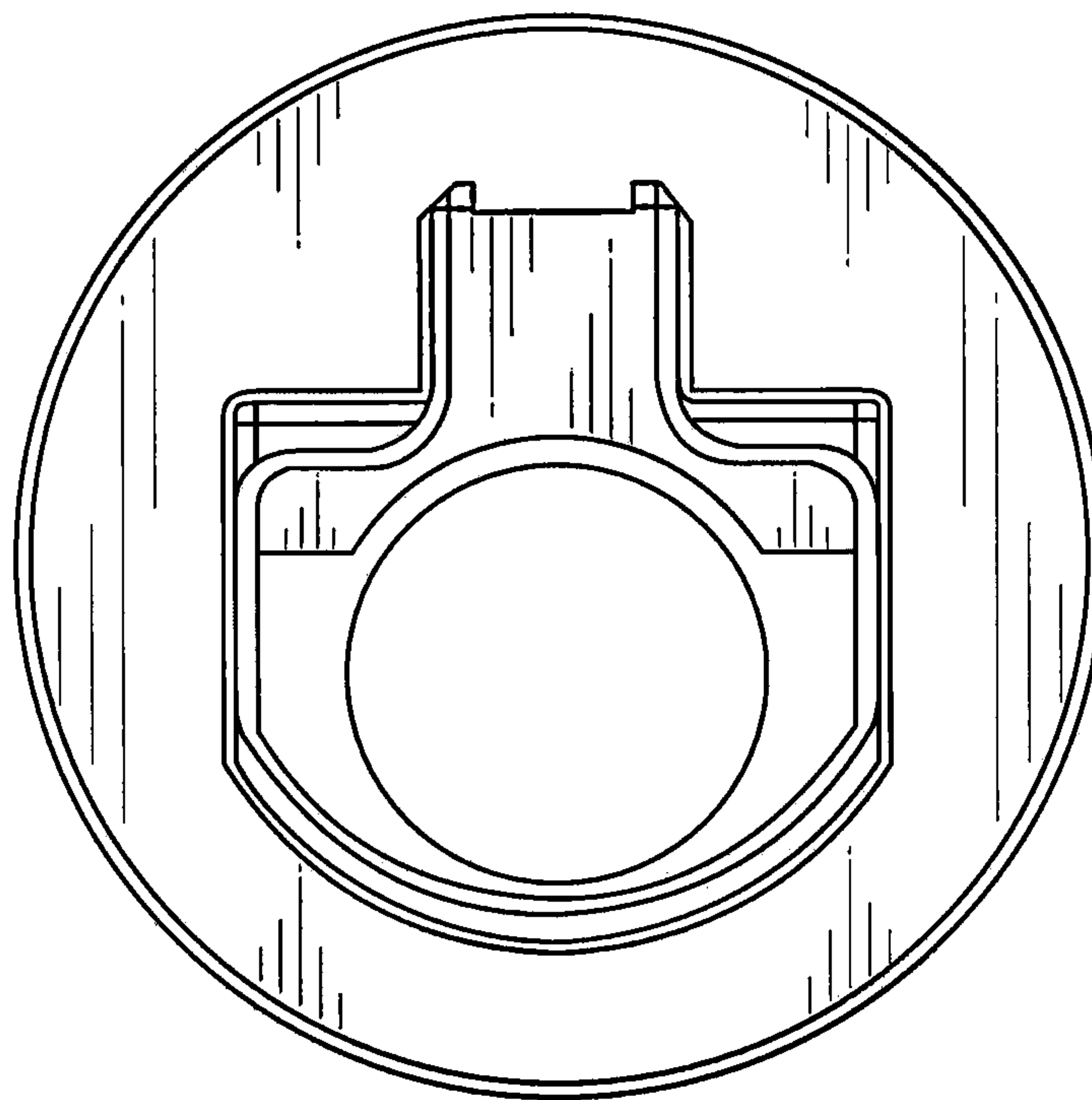


FIG. 6

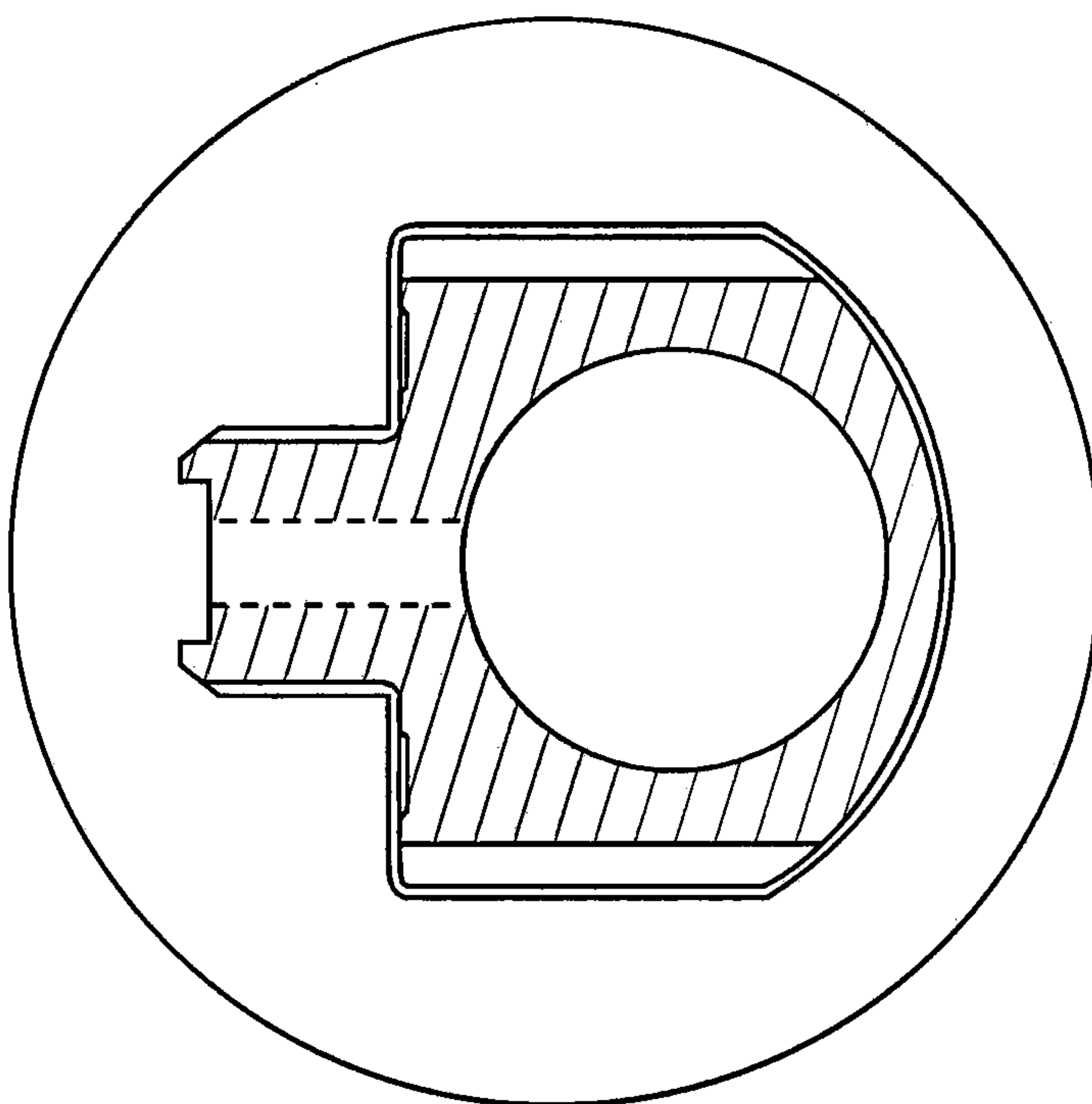


FIG. 7