



US00D582550S

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

(10) **Patent No.:** **US D582,550 S**
(45) **Date of Patent:** **** Dec. 9, 2008**

(54) **OVAL TAPERING BLUNT CANNULA
PROXIMAL PORTION**

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

(21) Appl. No.: **29/303,394**

(22) Filed: **Feb. 7, 2008**

Related U.S. Application Data

(62) Division of application No. 29/278,291, filed on Mar.
23, 2007, now Pat. No. Des. 571,006.

(51) **LOC (8) Cl.** **24-02**

(52) **U.S. Cl.** **D24/130**

(58) **Field of Classification Search** D24/112,
D24/130, 146, 147; 606/167, 170, 184, 185;
604/251, 264, 256, 168, 192, 198, 203, 411
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,989,053 A	6/1961	Hamilton
3,352,531 A	11/1967	Kilmarx
4,058,121 A	11/1977	Choksi et al.
4,106,491 A	8/1978	Guerra
4,578,063 A	3/1986	Inman et al.
4,610,374 A	9/1986	Buehler
4,710,180 A	12/1987	Johnson
4,795,446 A	1/1989	Fecht
4,834,716 A	5/1989	Ogle, II
4,904,238 A	2/1990	Williams
4,983,160 A	1/1991	Steppe et al.
5,071,413 A	12/1991	Utterberg
5,098,407 A	3/1992	Okamura
5,100,394 A	3/1992	Dudar et al.

5,112,318 A	5/1992	Novacek et al.
5,114,400 A	5/1992	Lynn
5,135,489 A	8/1992	Jepson et al.
5,149,327 A	9/1992	Oshiyama
5,158,554 A *	10/1992	Jepson et al. 604/539
5,171,234 A *	12/1992	Jepson et al. 604/534

(Continued)

FOREIGN PATENT DOCUMENTS

EP 0050459 B1 2/1985

(Continued)

OTHER PUBLICATIONS

Photograph of Secure sample site and shielded needle.

(Continued)

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(57) **CLAIM**

The ornamental design for an oval tapering blunt cannula proximal portion, as shown and described.

DESCRIPTION

FIG. 1 is an upper perspective view of our new, original and ornamental design;

FIG. 2 is a lower perspective view thereof;

FIG. 3 is a front elevational view thereof, the rear elevational view being a mirror image thereof;

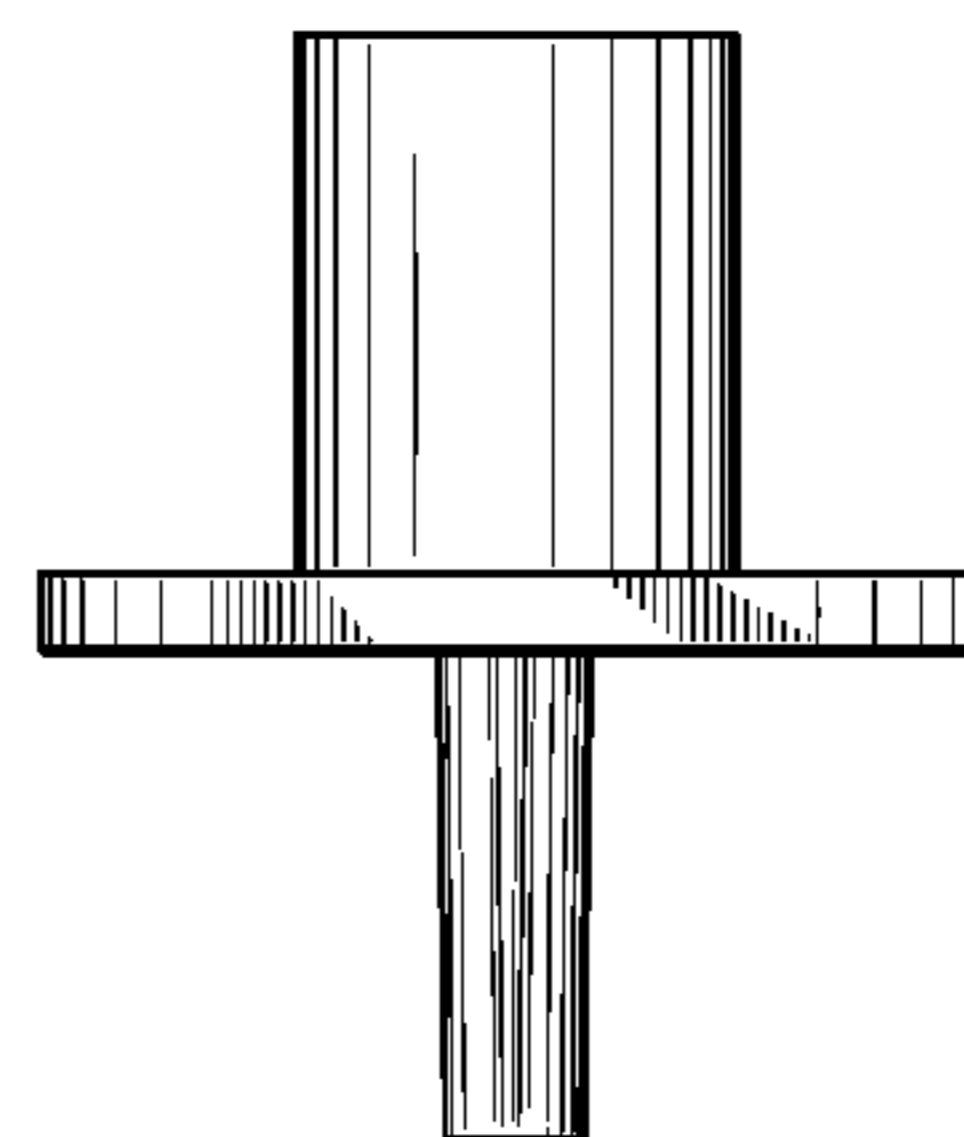
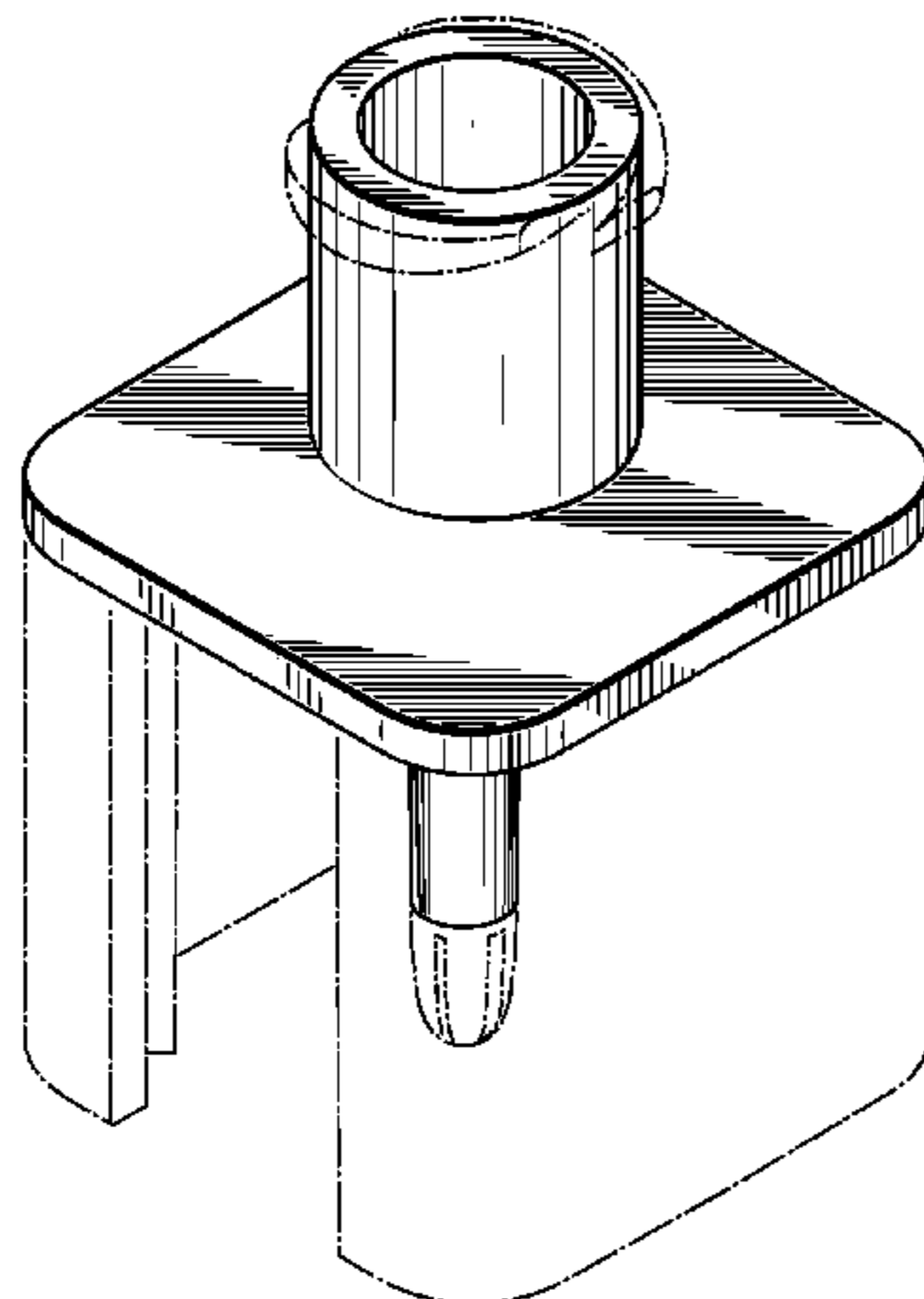
FIG. 4 is a right side elevational view thereof, the left side elevational view being a mirror image thereof;

FIG. 5 is a top plan view thereof; and,

FIG. 6 is a bottom plan view thereof.

The structure shown in phantom is for illustrative purposes only and forms no part of the claimed design.

1 Claim, 3 Drawing Sheets



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U.S. PATENT DOCUMENTS

5,199,948 A 4/1993 McPhee
5,201,717 A 4/1993 Wyatt et al.
5,356,396 A 10/1994 Wyatt et al.
5,447,495 A 9/1995 Lynn et al.
5,453,089 A 9/1995 Brugger
5,466,219 A 11/1995 Lynn et al.
5,474,546 A 12/1995 Ambrisco et al.
5,495,855 A * 3/1996 Dudar et al. 600/576
5,501,676 A 3/1996 Niedospial et al.
5,632,735 A 5/1997 Wyatt et al.
D393,722 S 4/1998 Fangrow et al.
5,776,125 A 7/1998 Dudar et al.
5,833,674 A 11/1998 Turnbull et al.
5,839,715 A * 11/1998 Leinsing 251/149.1
5,947,954 A 9/1999 Bonaldo
D416,086 S 11/1999 Parris et al.
5,976,115 A 11/1999 Parris et al.
6,029,946 A 2/2000 Doyle
6,050,978 A 4/2000 Orr et al.
6,142,446 A * 11/2000 Leinsing 251/149.1
6,387,086 B2 5/2002 Mathias et al.

6,569,125 B2 5/2003 Jepson et al.
7,056,308 B2 6/2006 Utterberg
7,140,592 B2 11/2006 Phillips
7,217,246 B1 5/2007 Stone
D570,477 S * 6/2008 Gallogly et al. D24/130
D572,820 S * 7/2008 Gallogly et al. D24/130
2002/0143298 A1 10/2002 Marsden
2003/0120221 A1 6/2003 Vaillancourt
2004/0002684 A1 1/2004 Lopez
2004/0227120 A1 11/2004 Raybuck
2005/0090805 A1 4/2005 Shaw et al.

FOREIGN PATENT DOCUMENTS

GB 2040379 A 8/1980
WO 9422524 10/1994
WO 9641649 12/1996

OTHER PUBLICATIONS

Photograph of Vamp sample site and blunt cannula/adaptor.
Photograph of Safeset sample site and blunt cannula/adaptor.

* cited by examiner

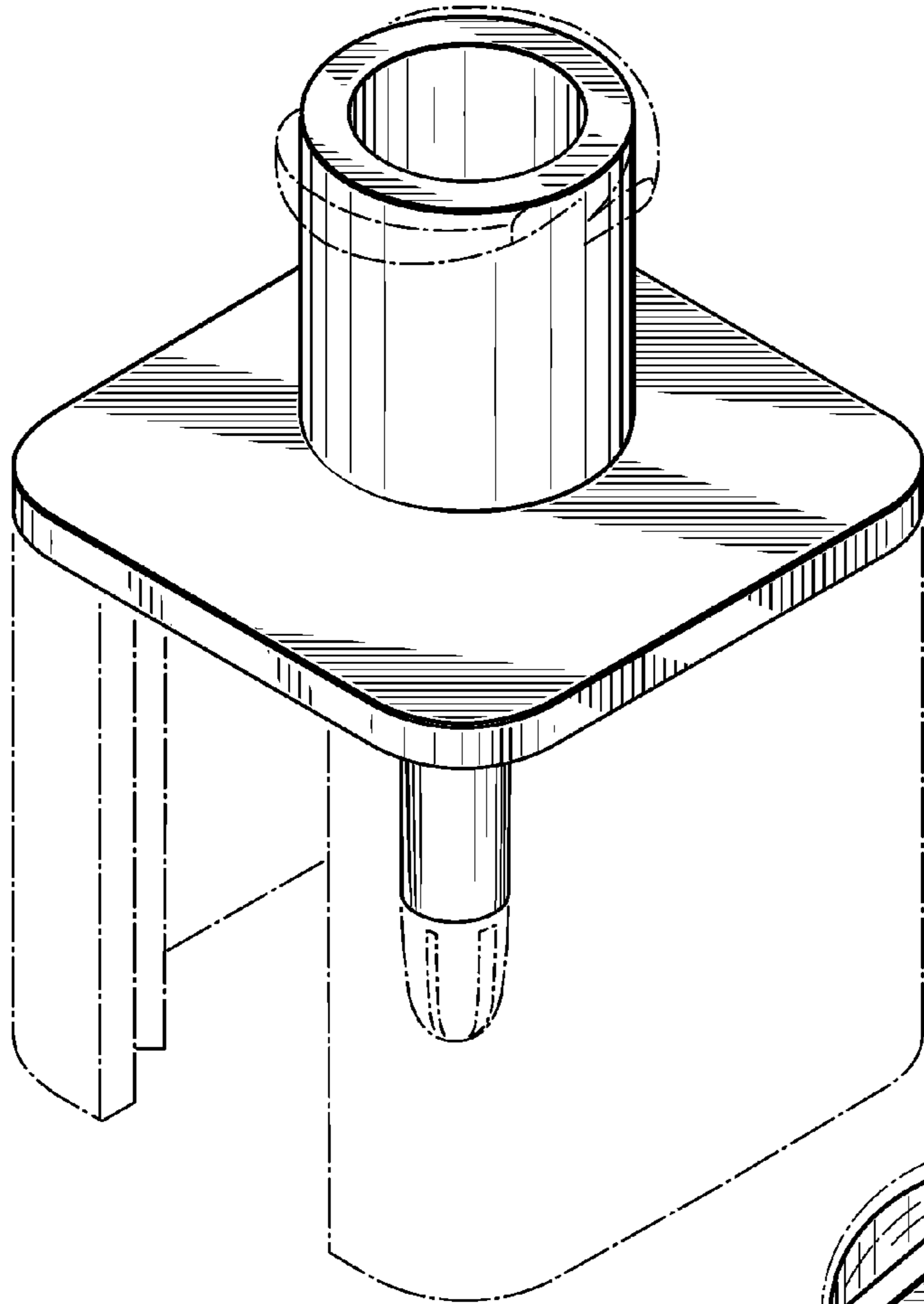


FIG. 1

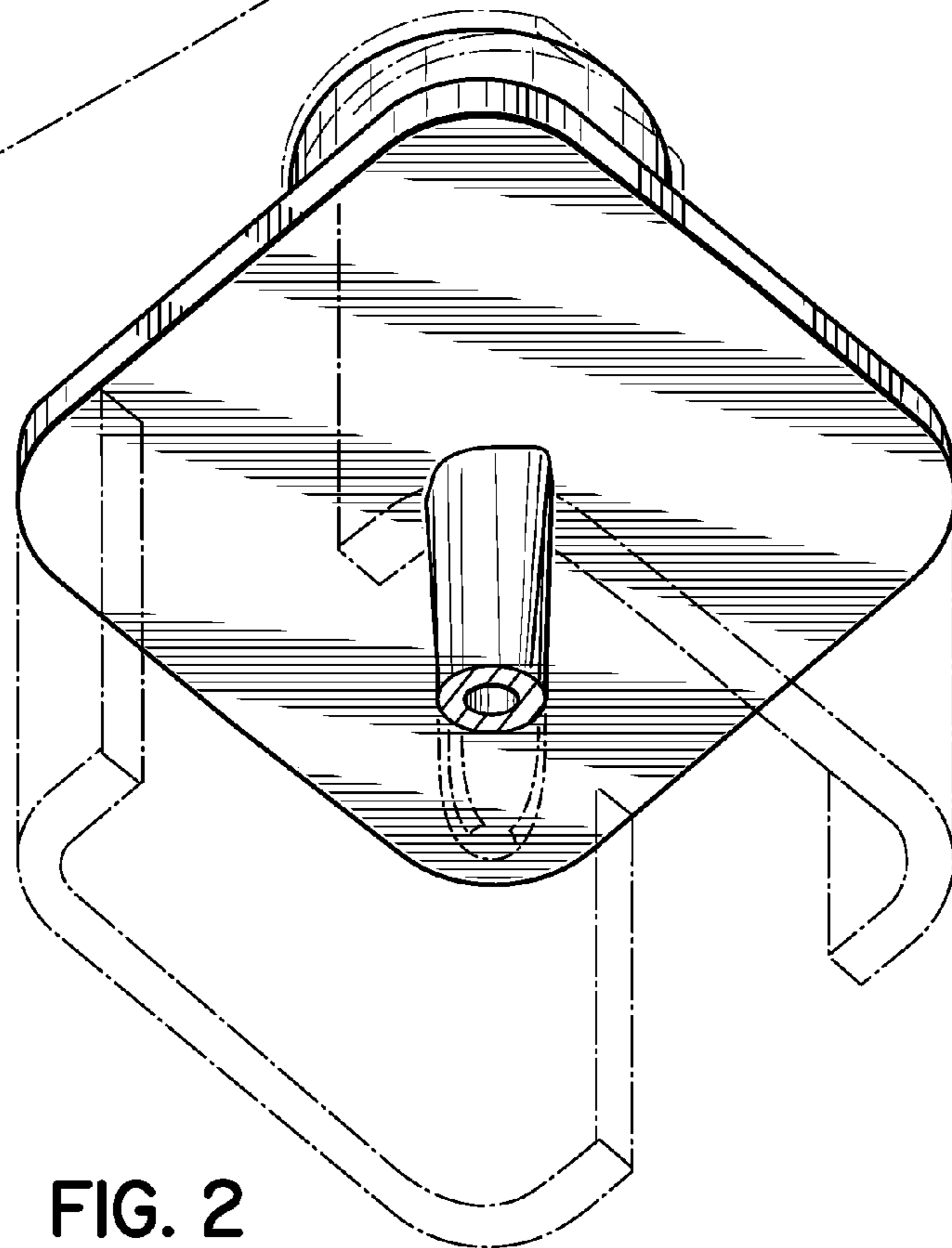


FIG. 2

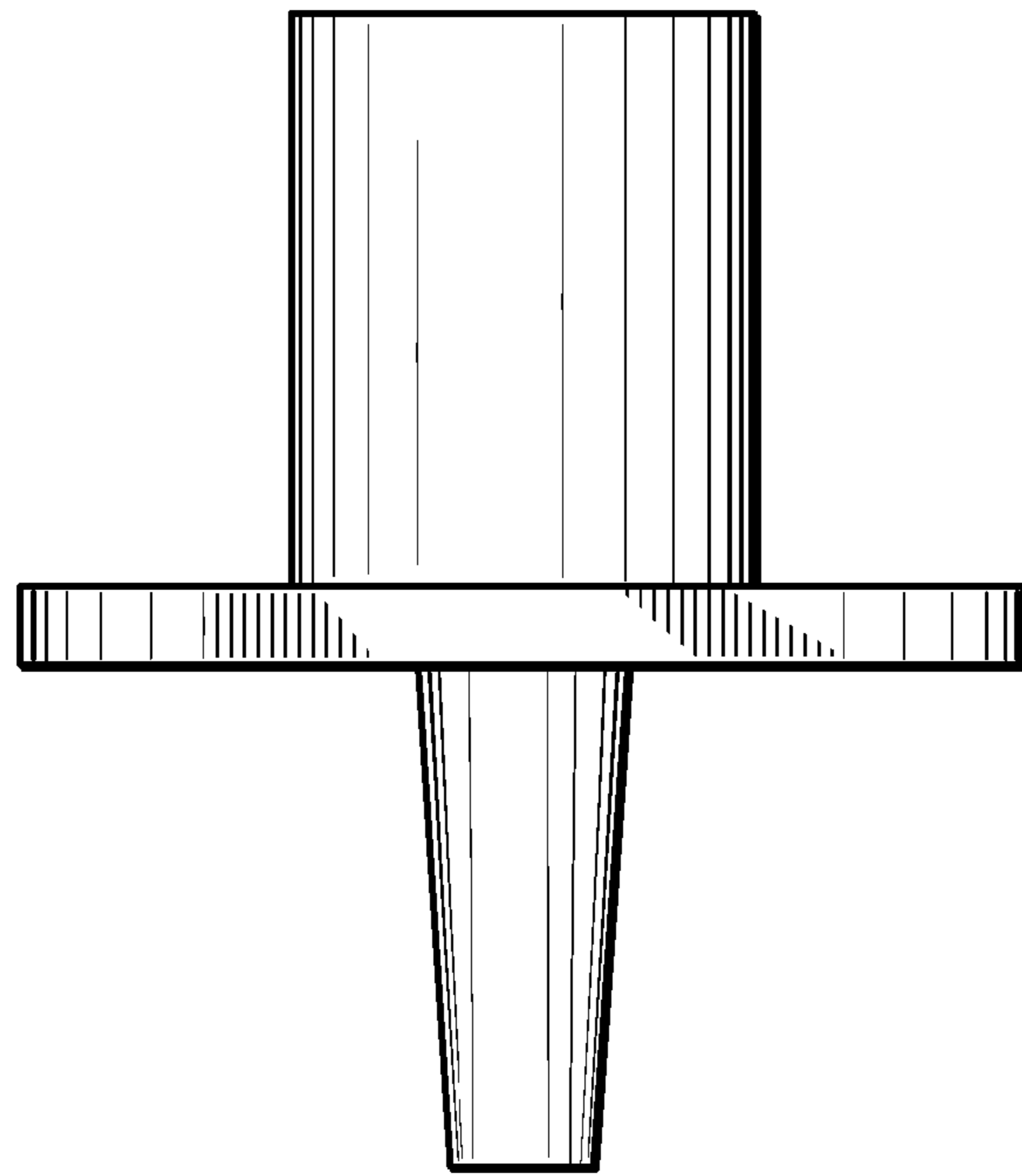


FIG. 3

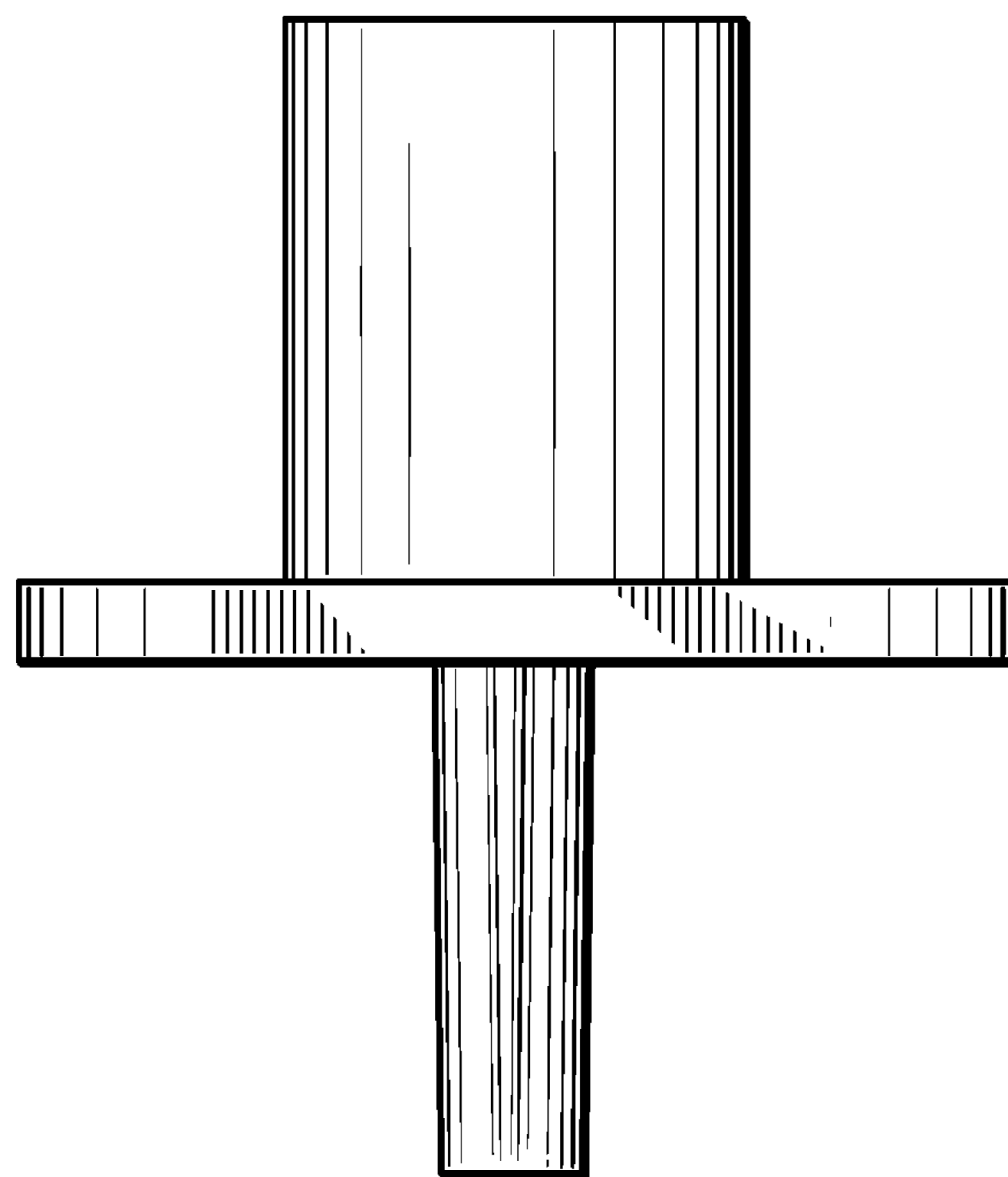


FIG. 4

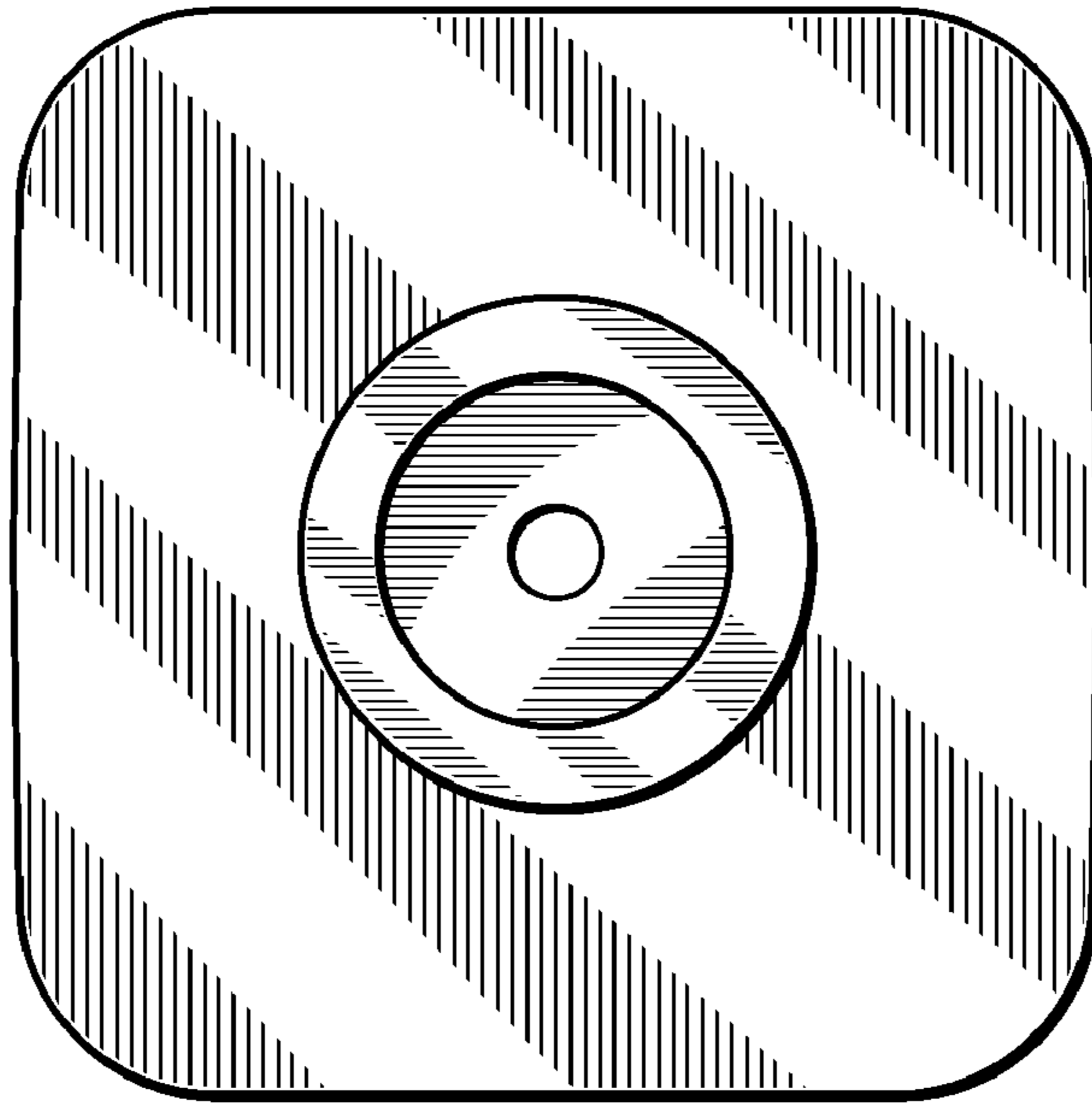


FIG. 5

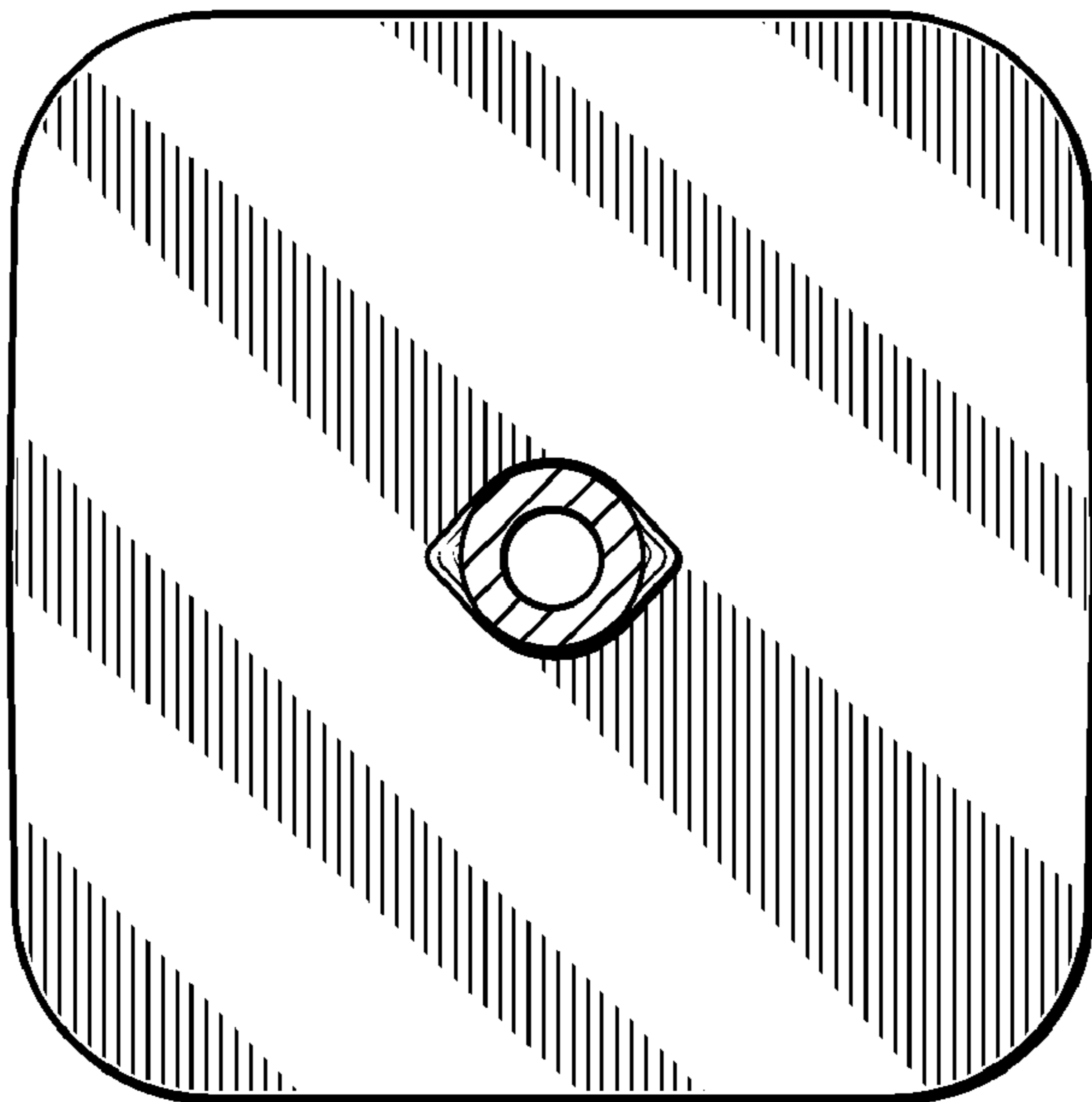


FIG. 6