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

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(54) **ELECTRICAL POWER UNIT FOR A WORK SURFACE**

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

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(51) **LOC (10) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/138.2**

(58) **Field of Classification Search**
USPC D13/139.1, 147, 110, 137.1, 138.2,
D13/137.2, 133, 145, 146, 139.4; 439/106,
439/131, 105, 107, 170-173
CPC H01R 13/652; H01R 35/04; H01R 31/02;
H01R 29/00; H01R 27/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D78,966 S 7/1929 Conner
2,249,827 A 7/1941 Herman

(Continued)

OTHER PUBLICATIONS

Heyco datasheet entitled "Preassembled Cordset Components: Tri-Tap Premold-NEMA 5-15R," available at http://www.heyco.com/Power_Components/pdf/8-21-114.pdf, identified prior to Jan. 15, 2013.

(Continued)

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(57) **CLAIM**

The ornamental design for an electrical power unit for a work surface, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a first embodiment of an electrical power unit for a work surface, showing our new design.

FIG. 2 is a bottom perspective view of the electrical power unit for a work surface of FIG. 1;

FIG. 3 is a top plan view of the electrical power unit for a work surface of FIG. 1;

FIG. 4 is a bottom plan view of the electrical power unit for a work surface center of FIG. 1;

FIG. 5 is a front elevation of the electrical power unit for a work surface of FIG. 1;

FIG. 6 is a rear elevation of the electrical power unit for a work surface of FIG. 1;

FIG. 7 is a left side elevation of the electrical power unit for a work surface of FIG. 1;

FIG. 8 is a right side elevation of the electrical power unit for a work surface of FIG. 1;

FIG. 9 is a top perspective view of a second embodiment of an electrical power unit for a work surface, showing our new design.

FIG. 10 is a bottom perspective view of the electrical power unit for a work surface of FIG. 9;

FIG. 11 is a top plan view of the electrical power unit for a work surface of FIG. 9;

FIG. 12 is a bottom plan view of the electrical power unit for a work surface center of FIG. 9;

FIG. 13 is a front elevation of the electrical power unit for a work surface of FIG. 9;

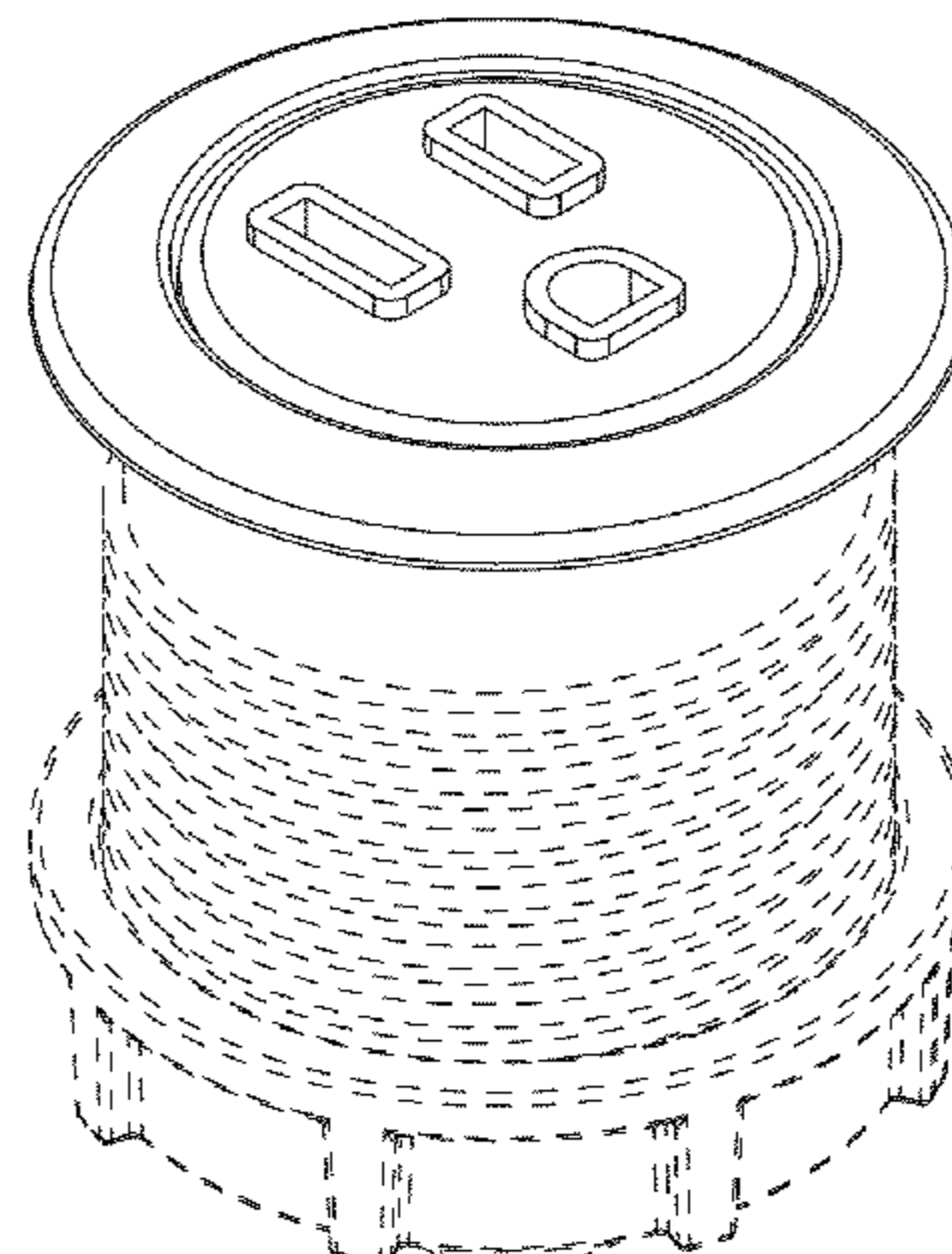
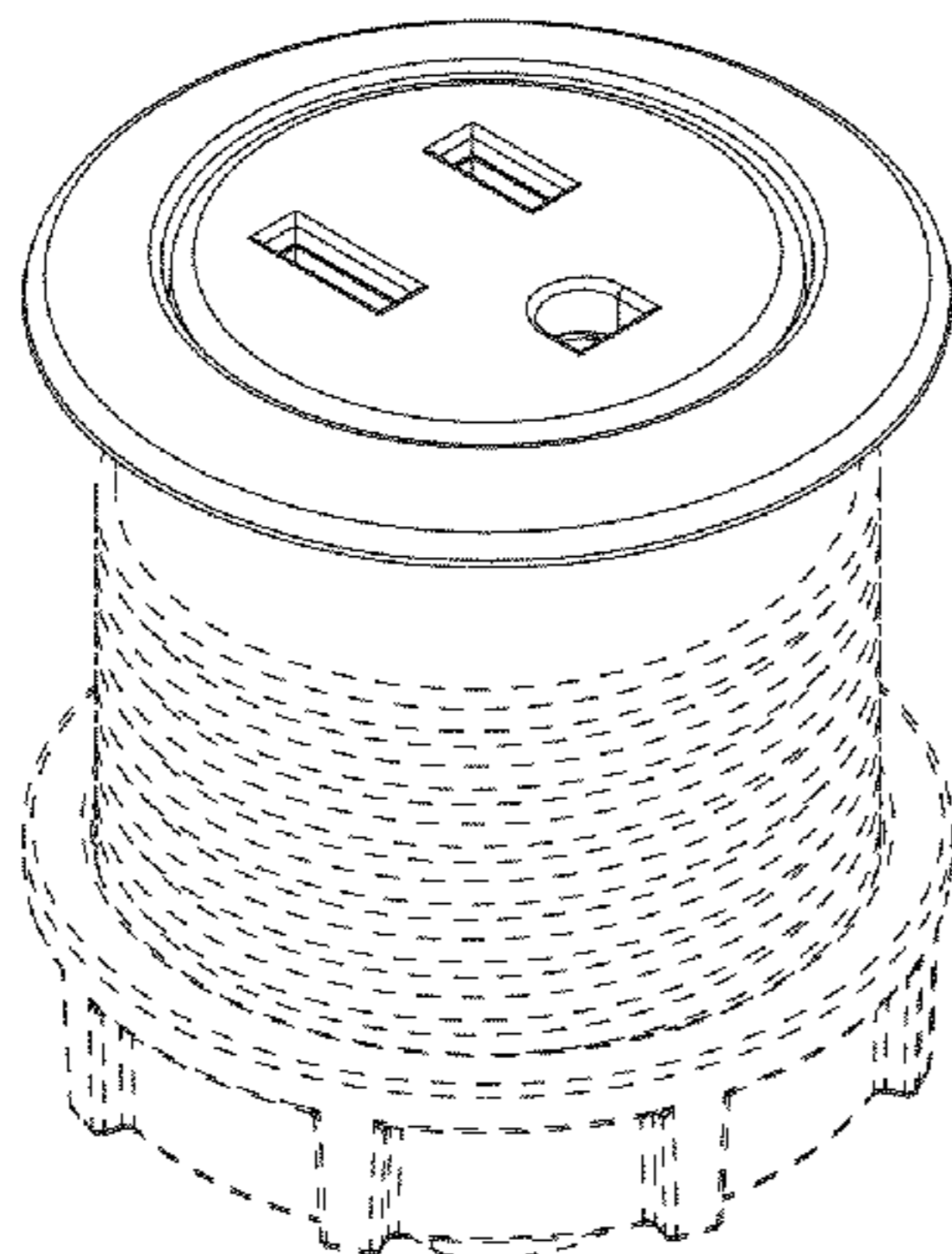
FIG. 14 is a rear elevation of the electrical power unit for a work surface of FIG. 9;

FIG. 15 is a left side elevation of the electrical power unit for a work surface of FIG. 9; and,

FIG. 16 is a right side elevation of the electrical power unit for a work surface of FIG. 9.

In the drawings, the broken lines depict unclaimed subject matter only and form no part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

3,611,257 A 10/1971 Carkhuff
 3,850,496 A 11/1974 Hague
 4,372,629 A 2/1983 Propst
 4,453,059 A 6/1984 Fukushima
 4,747,788 A 5/1988 Byrne
 4,984,982 A 1/1991 Brownlie
 D325,723 S 4/1992 Gary et al.
 5,234,355 A 8/1993 Sosinski et al.
 D342,937 S 1/1994 Angel, Jr. et al.
 D350,727 S 9/1994 Landry et al.
 D375,292 S * 11/1996 D'Amato D13/137.1
 5,575,668 A 11/1996 Timmerman
 5,647,751 A 7/1997 Shulman et al.
 D389,459 S 1/1998 Byrne
 5,705,772 A 1/1998 Brown
 5,709,156 A 1/1998 Gevaert et al.
 D399,826 S 10/1998 Byrne
 D405,416 S 2/1999 Byrne
 5,888,093 A 3/1999 Polgar et al.
 D409,980 S 5/1999 Byrne
 5,922,993 A * 7/1999 Ide et al. 174/84 R
 D418,815 S 1/2000 Byrne
 6,024,599 A 2/2000 Stathis et al.
 6,081,356 A 6/2000 Branc et al.
 D430,539 S 9/2000 Leopold et al.
 6,290,512 B1 9/2001 Mullen, Jr.
 6,307,152 B1 10/2001 Bonilla et al.
 6,488,540 B2 12/2002 Coyle et al.
 6,492,591 B1 12/2002 Metcalf
 D479,825 S 9/2003 Hung
 6,923,684 B2 8/2005 Strayer
 6,981,896 B2 1/2006 Su
 D514,518 S 2/2006 Strayer
 7,053,296 B2 * 5/2006 Drane et al. 174/483
 D534,495 S 1/2007 Gershfeld
 D537,039 S 2/2007 Pincek
 7,244,128 B2 7/2007 Byrne
 7,258,564 B1 8/2007 Su
 D553,306 S 10/2007 Hansen
 D558,676 S 1/2008 Fort et al.
 D568,816 S 5/2008 Micheals
 D573,950 S 7/2008 Schwartz
 7,559,795 B2 7/2009 Byrne
 D601,503 S 10/2009 Gribble et al.
 D614,574 S * 4/2010 Thommes D13/139.1

7,806,723 B2 10/2010 Chong et al.
 7,833,037 B2 11/2010 Reusche et al.
 D633,870 S * 3/2011 Thommes D13/139.1
 D647,853 S 11/2011 Kan
 D653,215 S 1/2012 Lam
 D670,248 S * 11/2012 Chen D13/138.2
 D674,754 S 1/2013 Zanoni et al.
 D677,630 S * 3/2013 Zien et al. D13/139.8
 D681,554 S * 5/2013 Nelson et al. D13/137.3
 D682,212 S 5/2013 Udagawa et al.
 8,480,415 B2 7/2013 Byrne
 8,512,065 B2 8/2013 Byrne et al.
 D701,836 S 4/2014 Byrne
 D707,626 S * 6/2014 Atkinson et al. D13/110
 D711,323 S * 8/2014 Wardenburg D13/146
 D714,726 S 10/2014 Byrne et al.
 2006/0258195 A1 11/2006 Schwartz et al.
 2007/0275594 A1 11/2007 Greenberg
 2010/0068908 A1 3/2010 Byrne
 2011/0244700 A1 10/2011 Byrne
 2012/0031888 A1 2/2012 Byrne
 2012/0184148 A1 7/2012 Byrne

OTHER PUBLICATIONS

<http://www.grainger.com/Grainger/Plug-Adaptor-11K293?Pid=search>, identified May 2, 2013.
http://www.zingearpc.en.ec21.com/Zing_Ear_Snap_In_Receptacle--5769349_5769674.html, identified May 2, 2013.
 Co-pending Design U.S. Appl. No. 29/488,043, filed Apr. 15, 2014, entitled Power Center for a Work Surface.
 Co-pending Design U.S. Appl. No. 29/490,843, filed May 14, 2014, entitled Low Voltage Electrical Receptacle.
 Co-pending Design U.S. Appl. No. 29/490,844, filed May 14, 2014, entitled Low Voltage Electrical Receptacle.
 Co-pending Design U.S. Appl. No. 29/490,845, filed May 14, 2014, entitled Electrical Receptacle.
 Co-pending Design U.S. Appl. No. 29/490,846, filed May 14, 2014, entitled Electrical Receptacle.
 "Leviton 120V . . .", reference dated Sep. 17, 2014, found on the internet at: http://www.auberins.com/index.php?main_page=product_info&products_id=409.
 "Wholesale 17% . . .", referenced dated Jan. 19, 2010, found on the internet at: <http://www.wellpromo.com/Wholesale/Power-Supplies-Inverters/1-7-8x3-1-4--Giftcor-Universal-Power-Adaptor-Plug-86799.htm>.

* cited by examiner

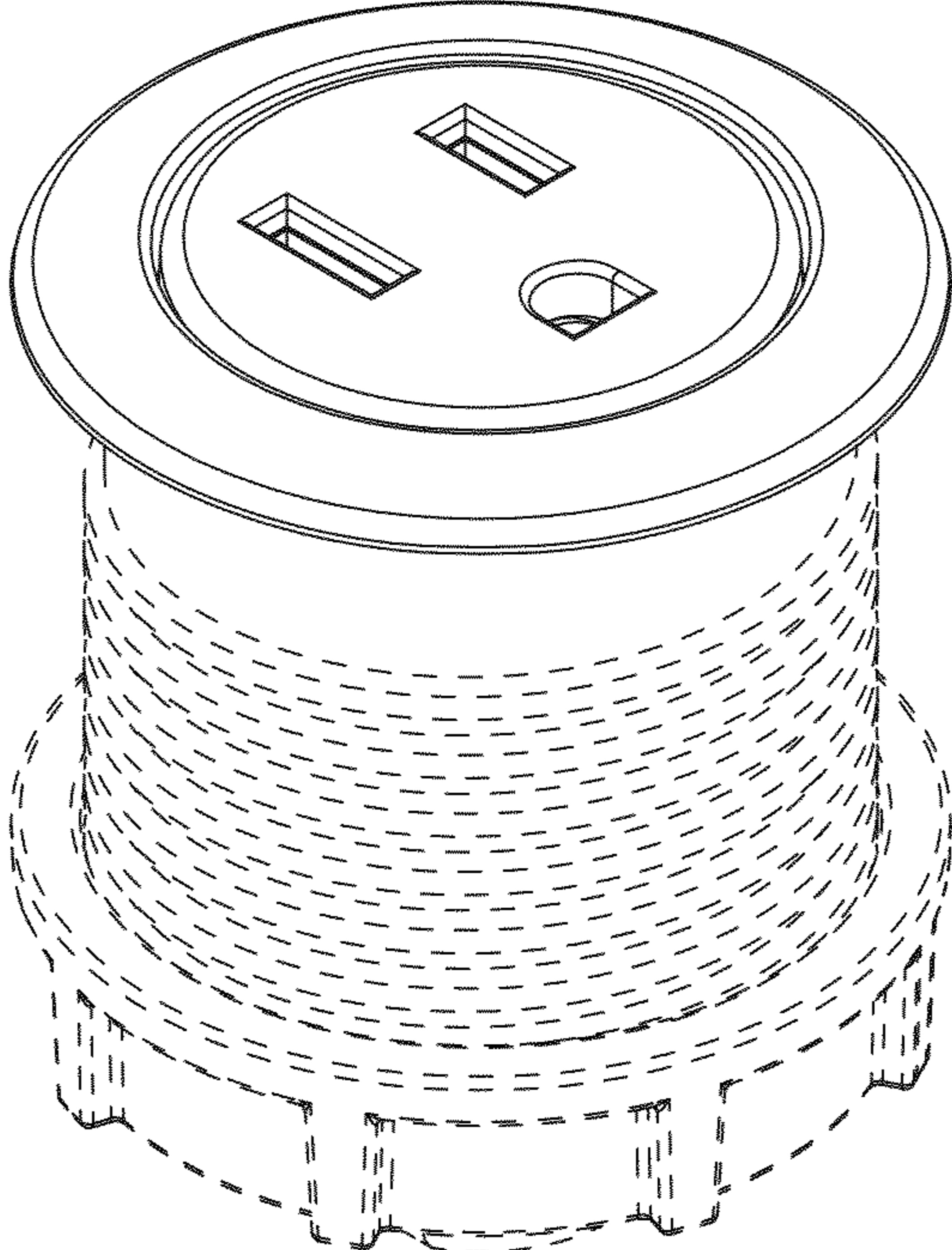


FIG. 1

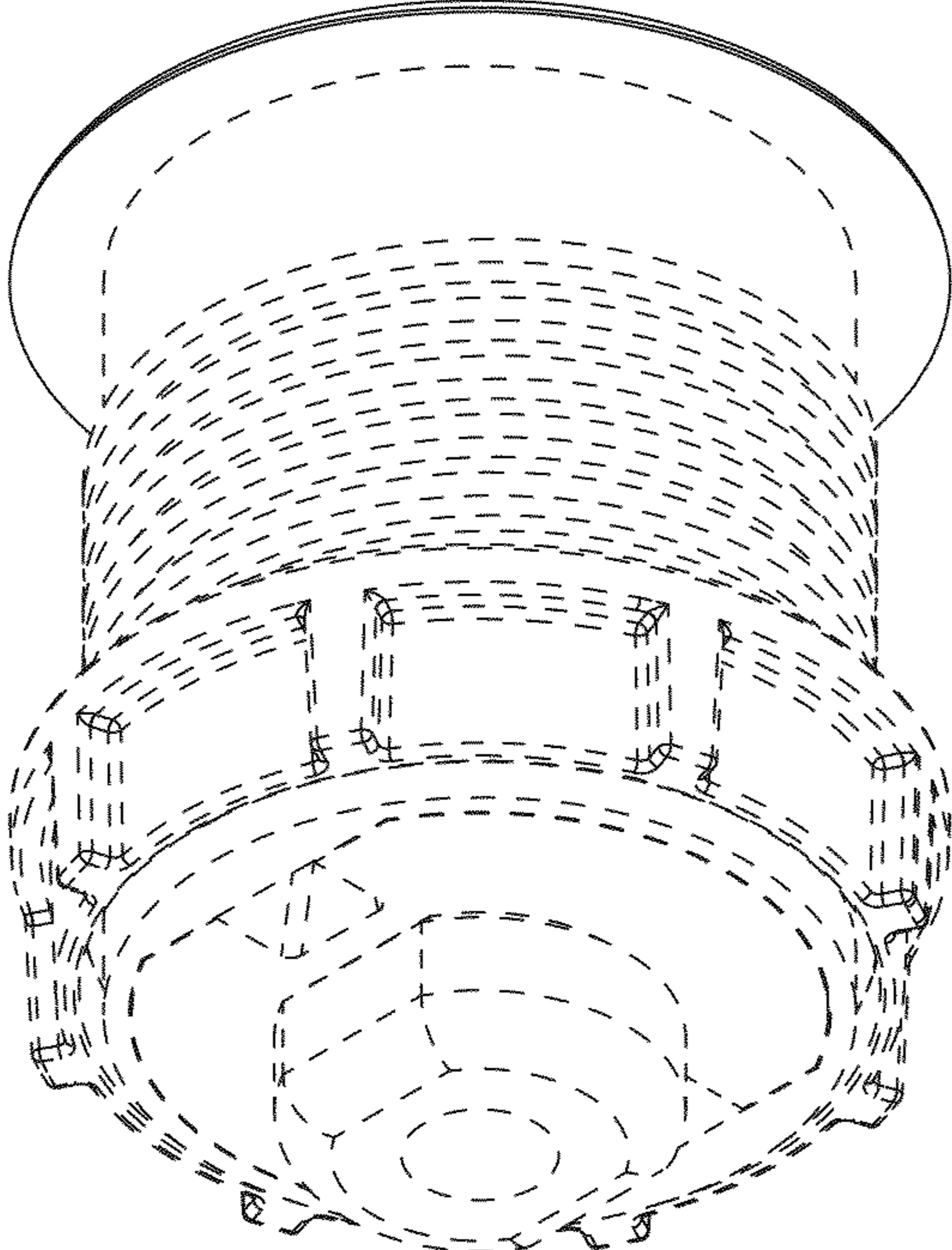


FIG. 2

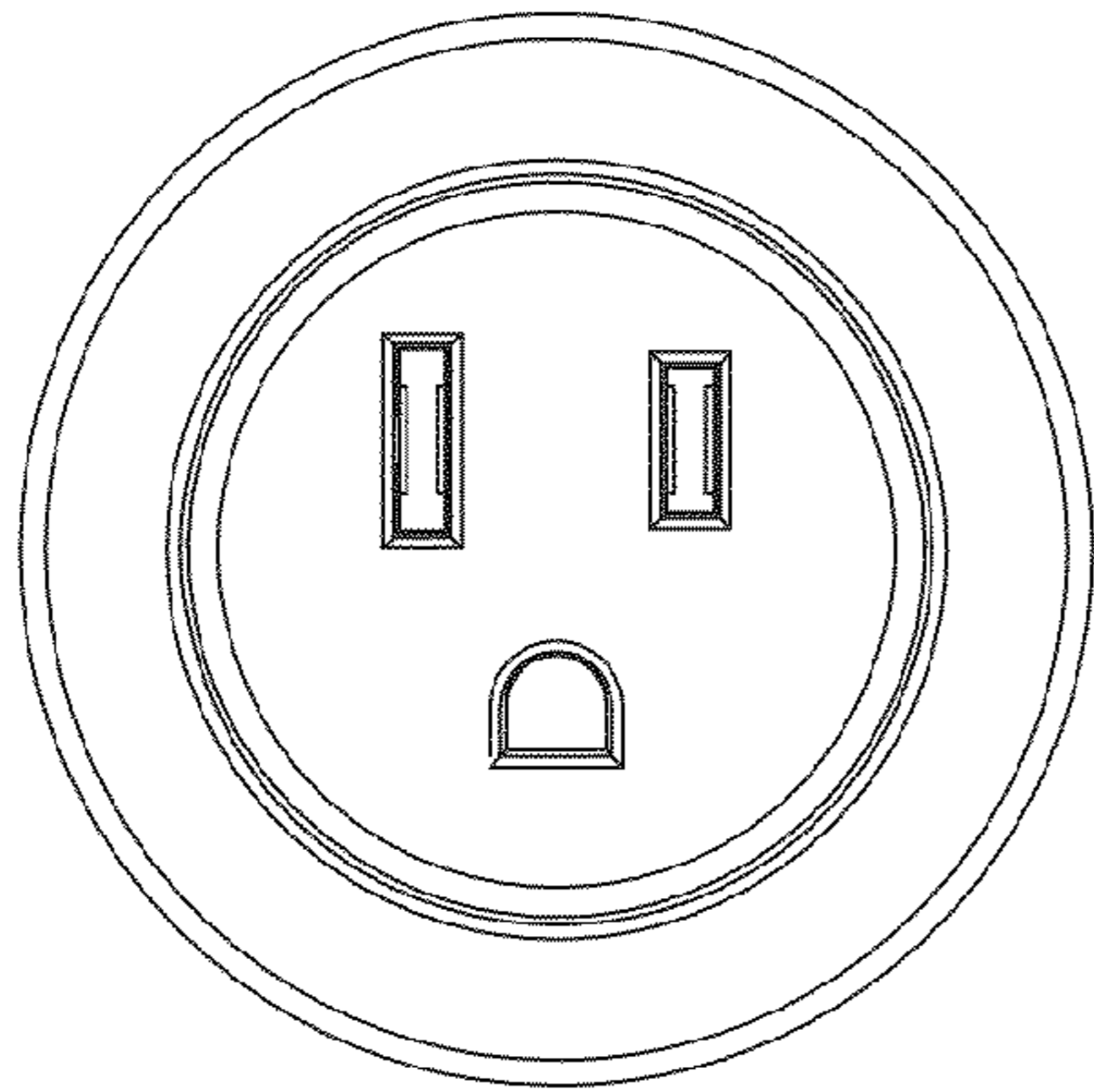


FIG. 3

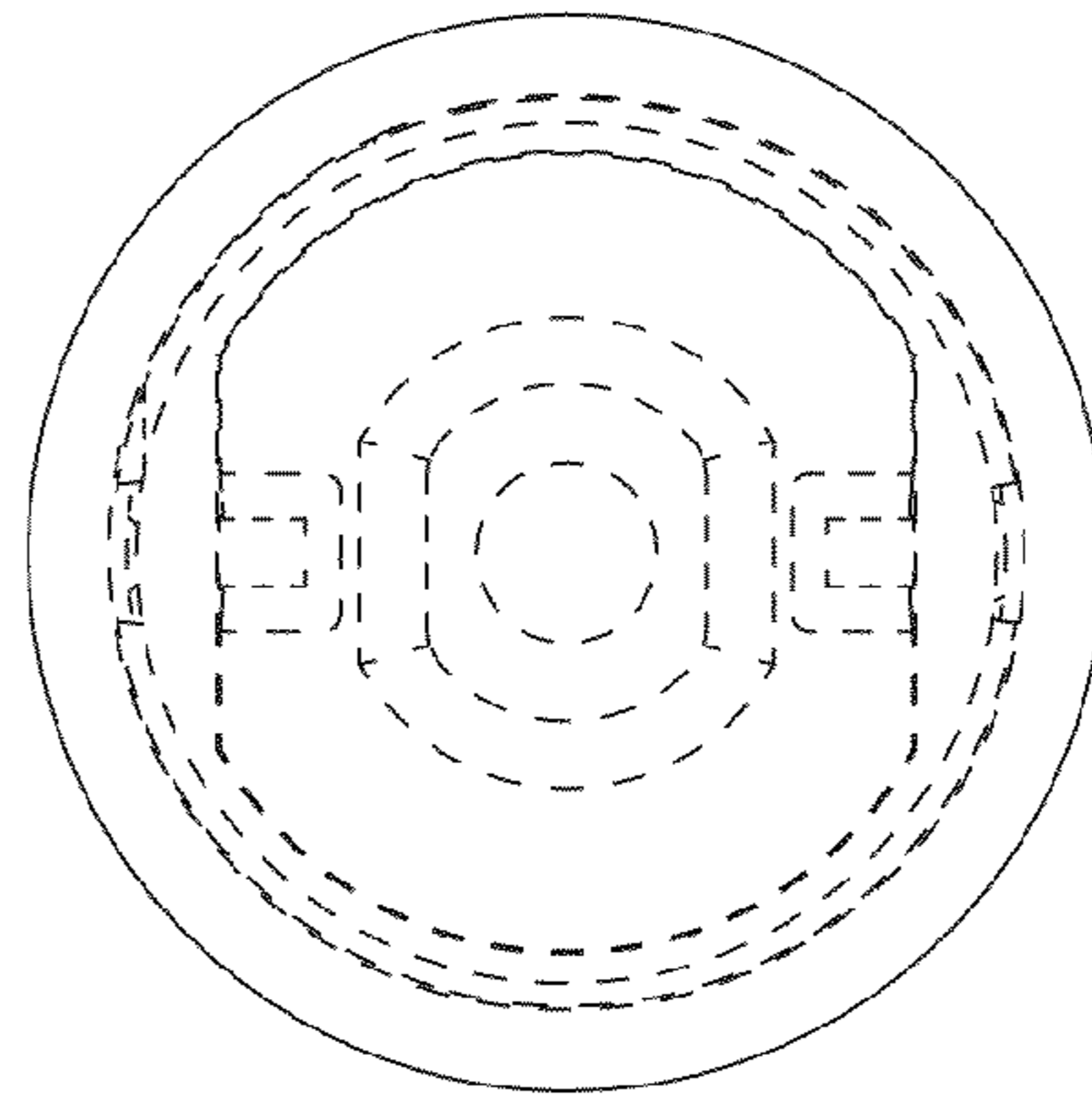


FIG. 4

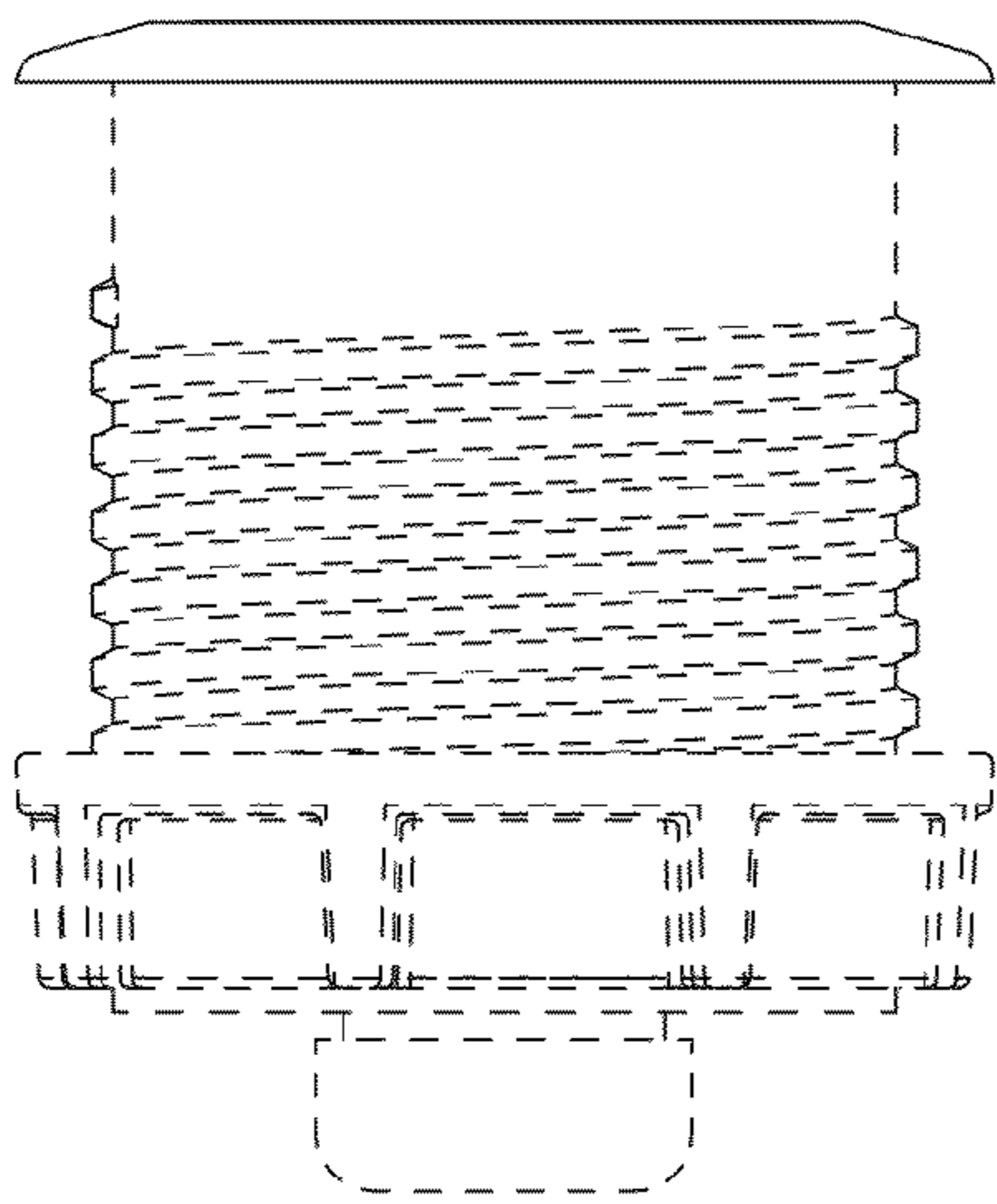


FIG. 5

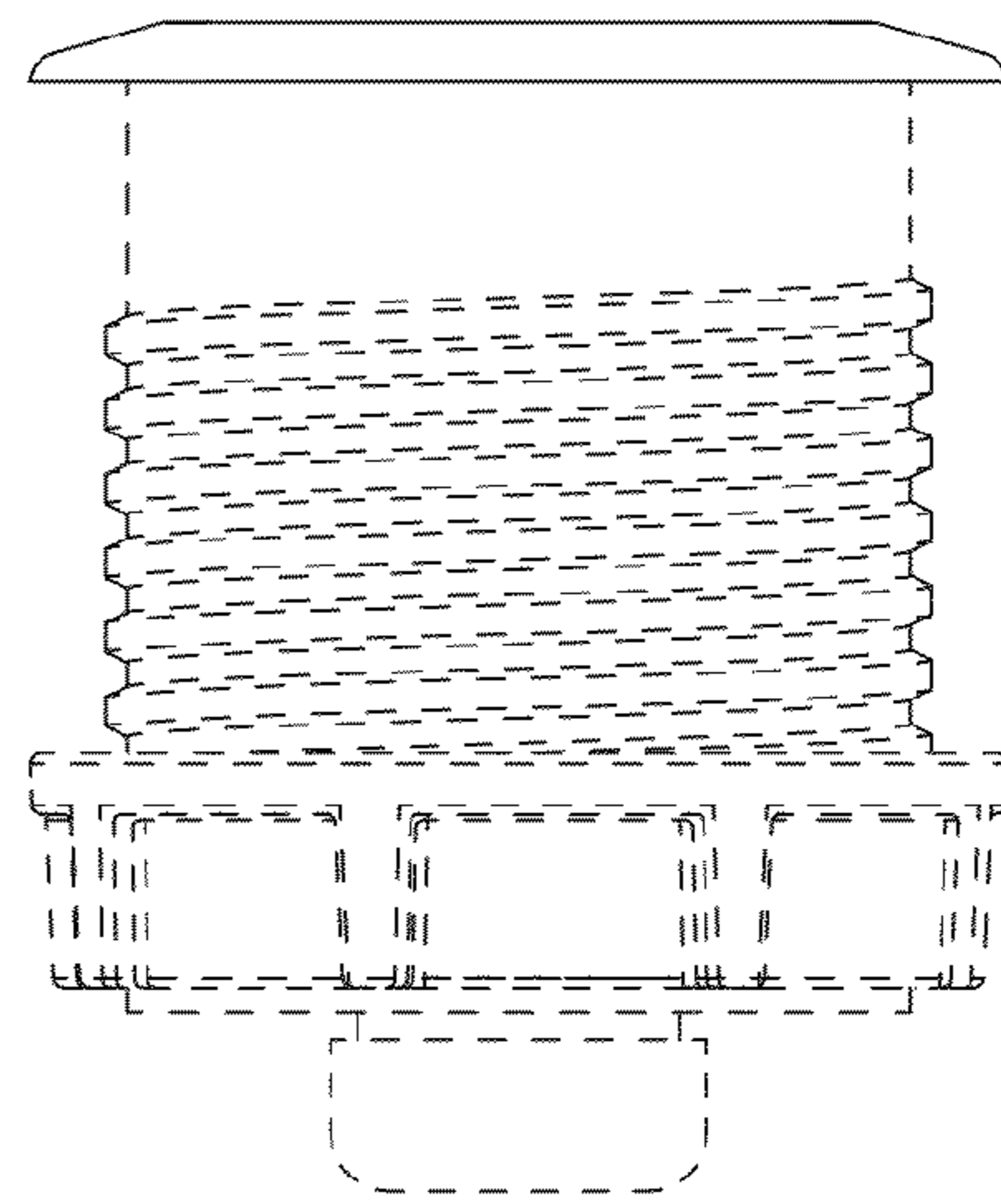


FIG. 6

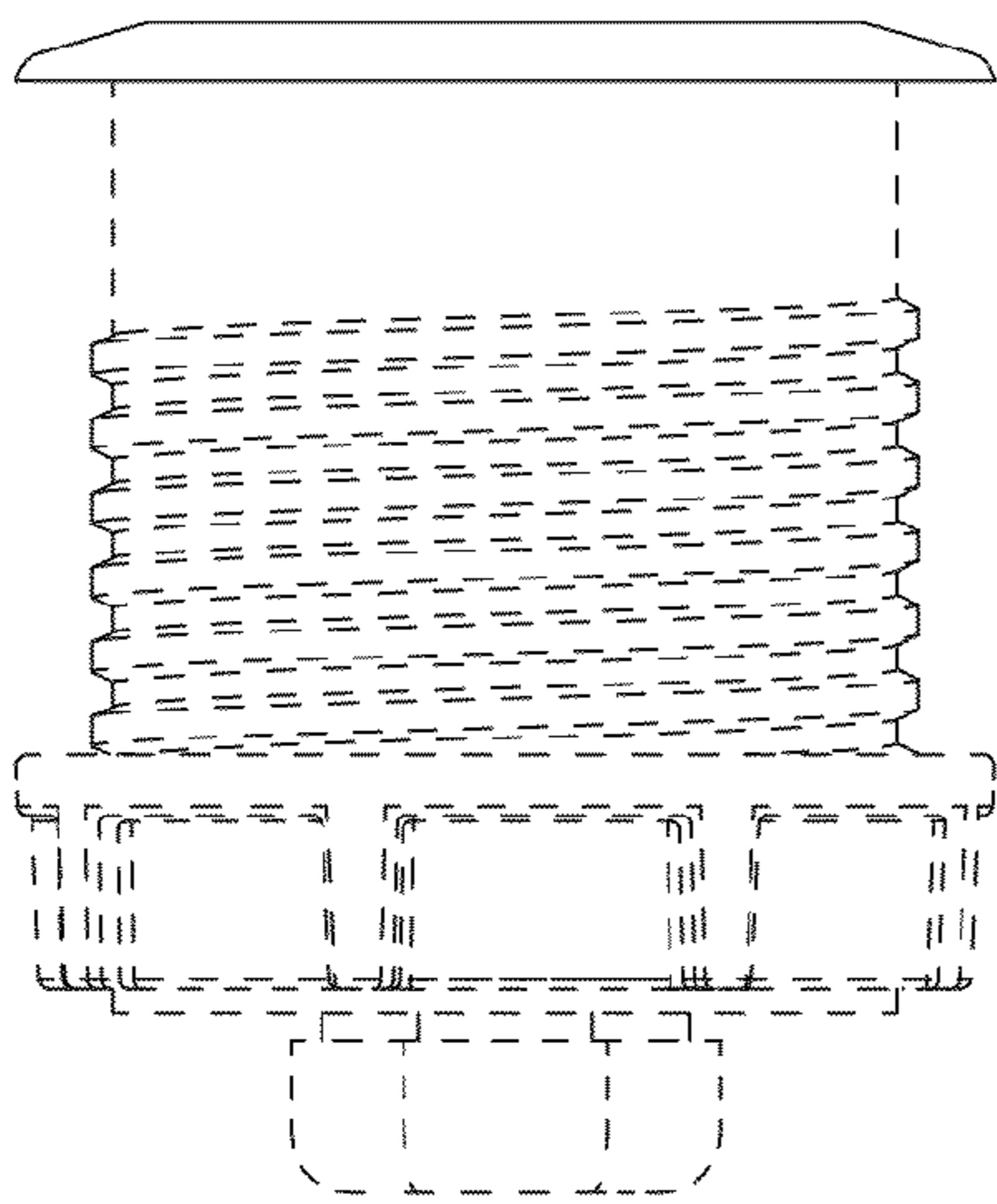


FIG. 7

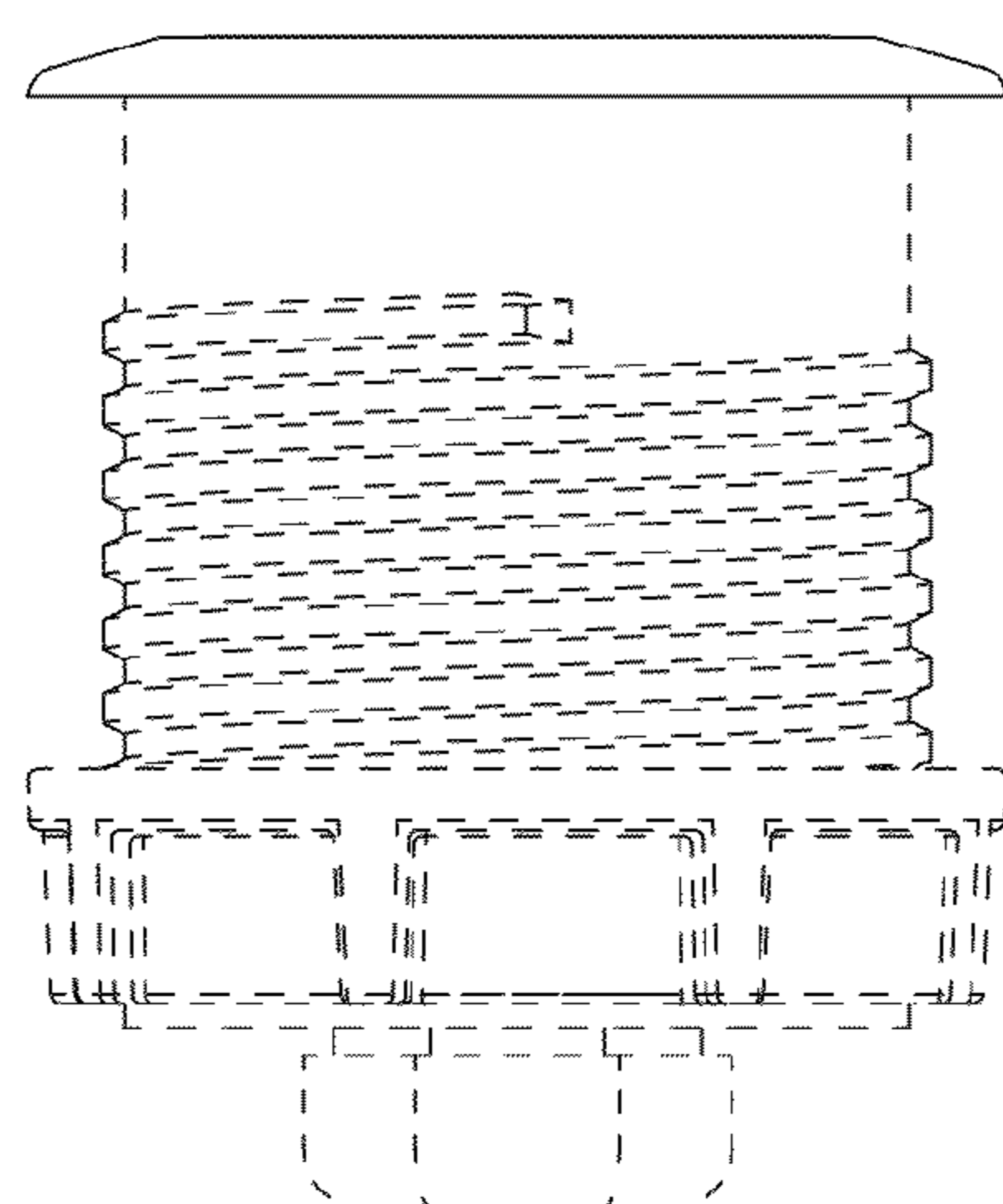


FIG. 8

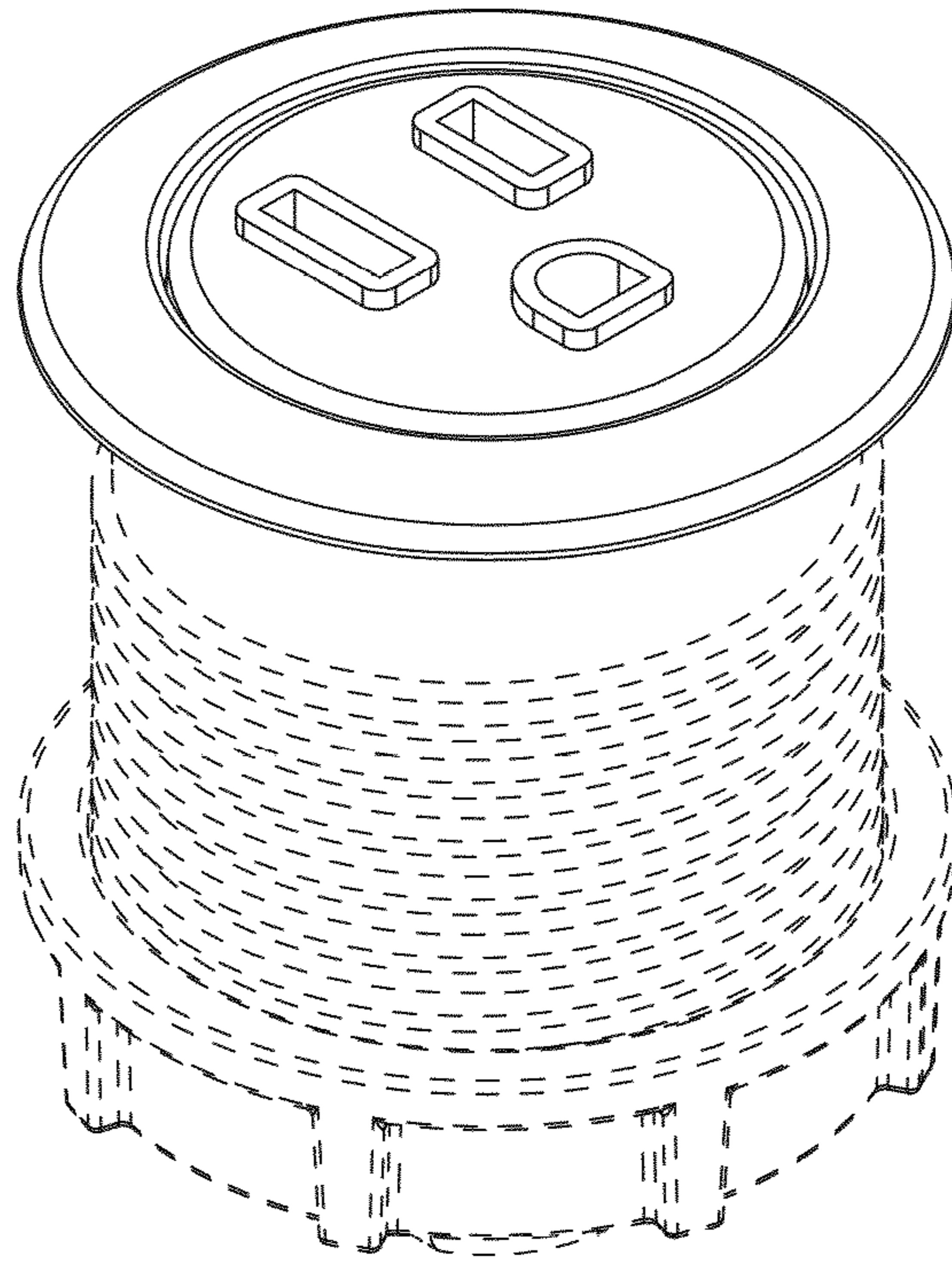


FIG. 9

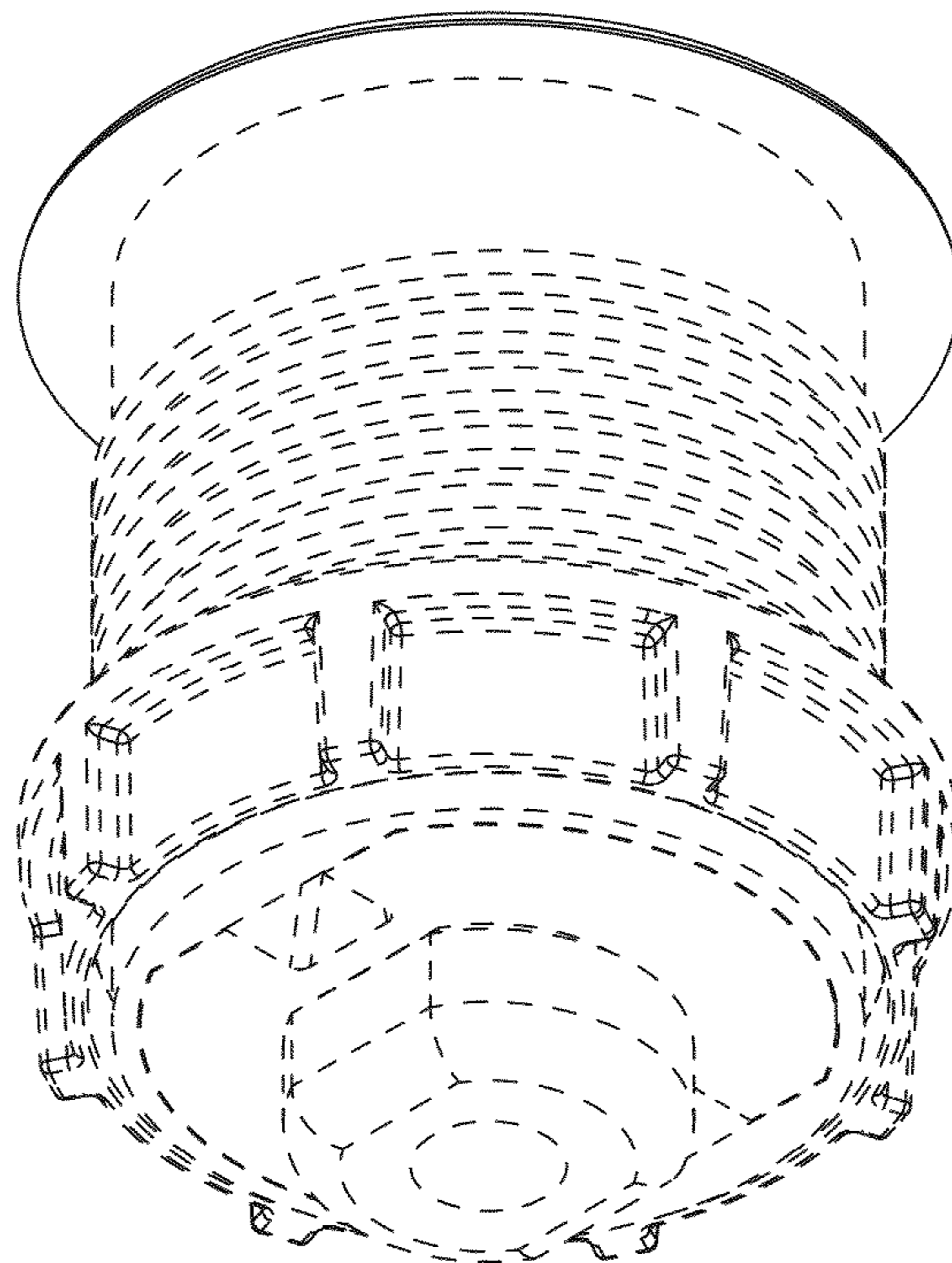


FIG. 10

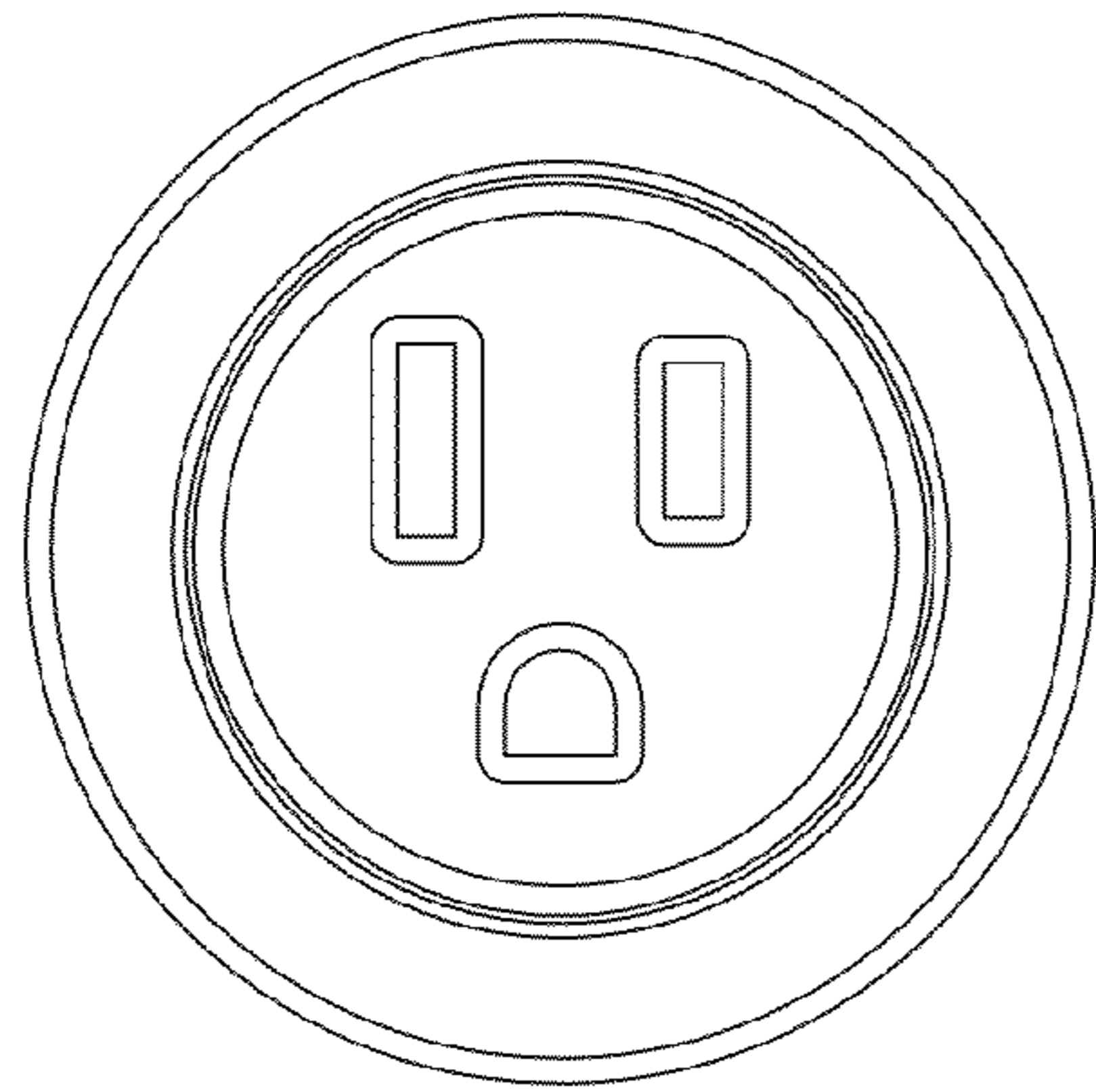


FIG. 11

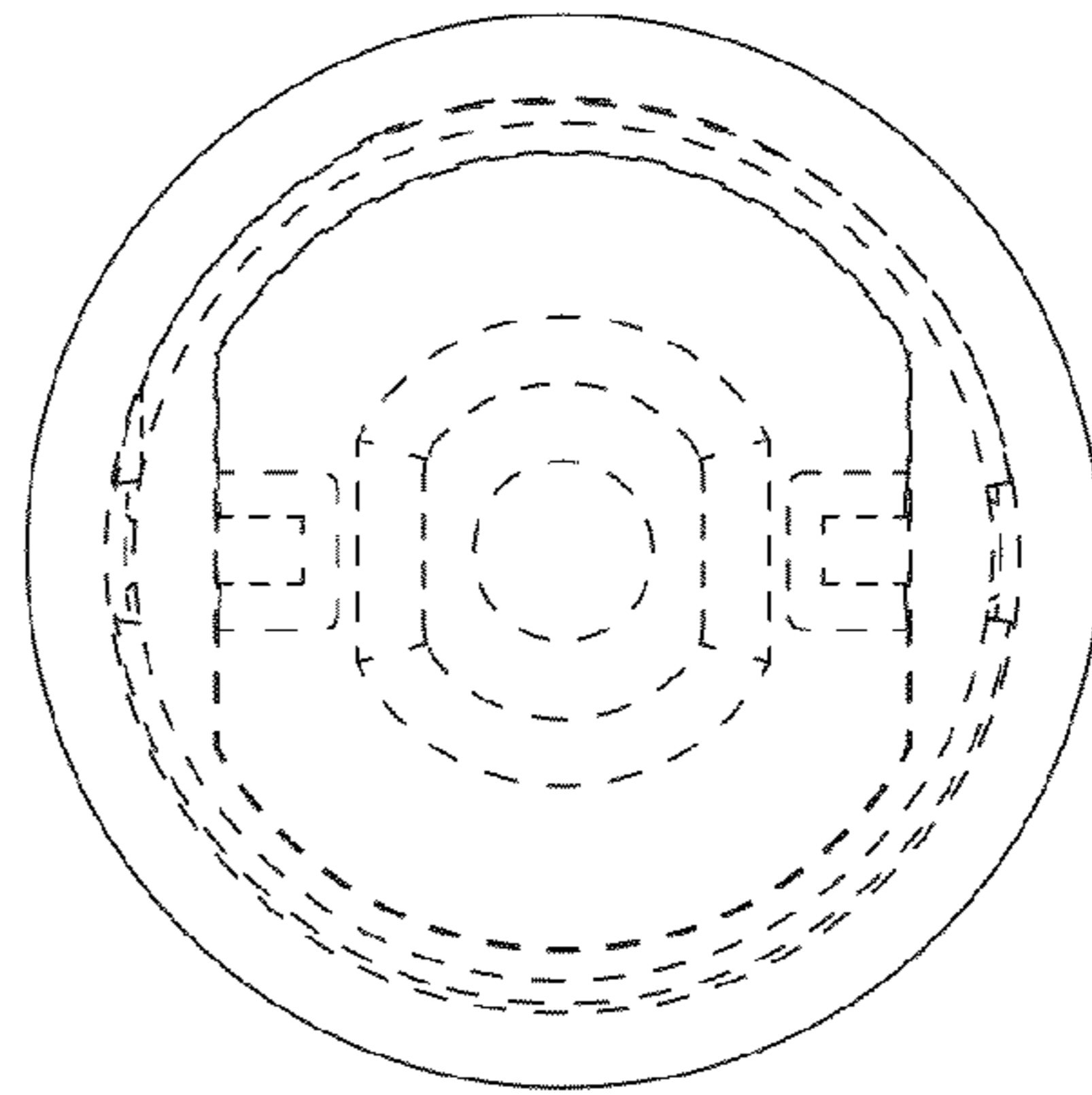


FIG. 12

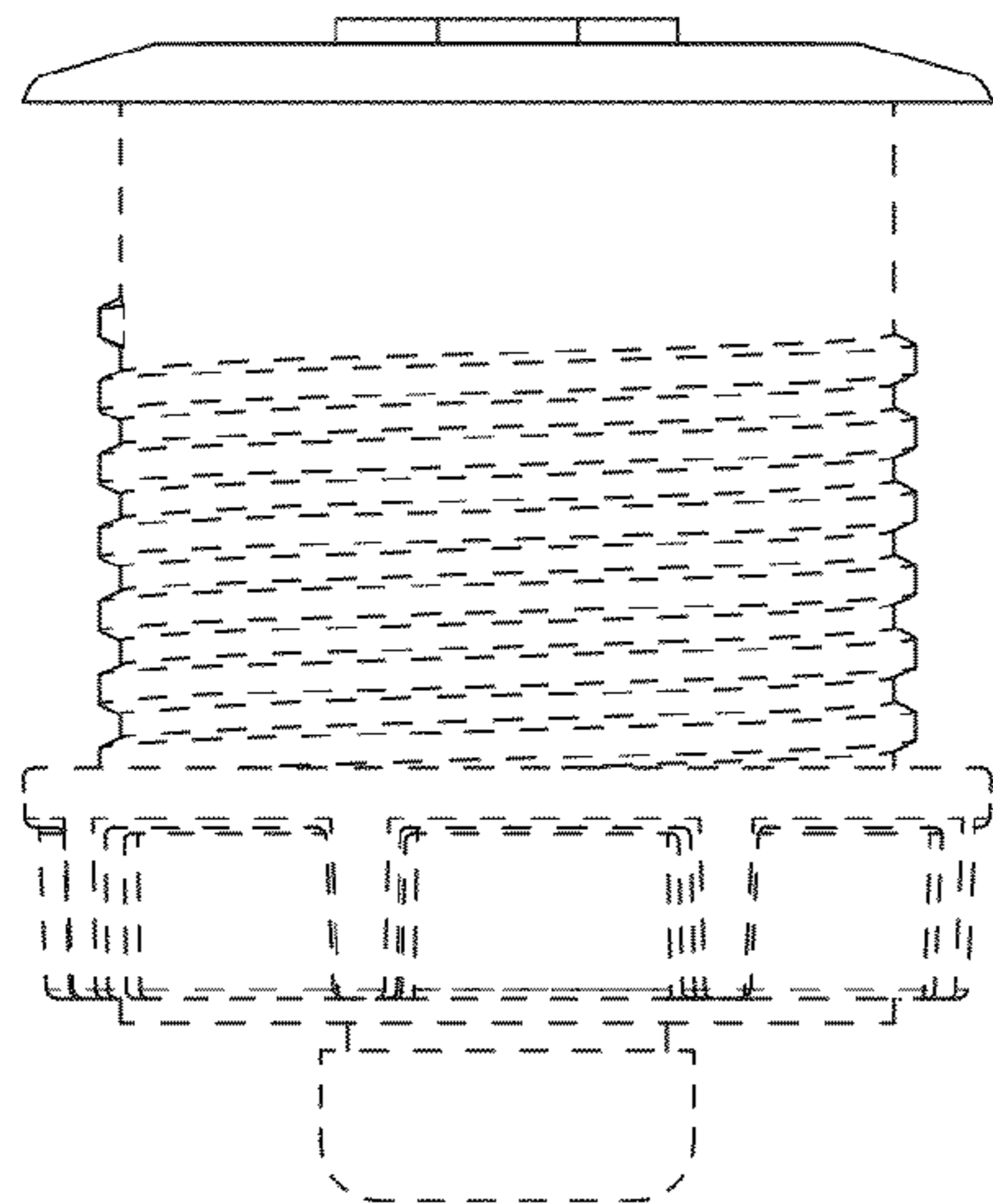


FIG. 13

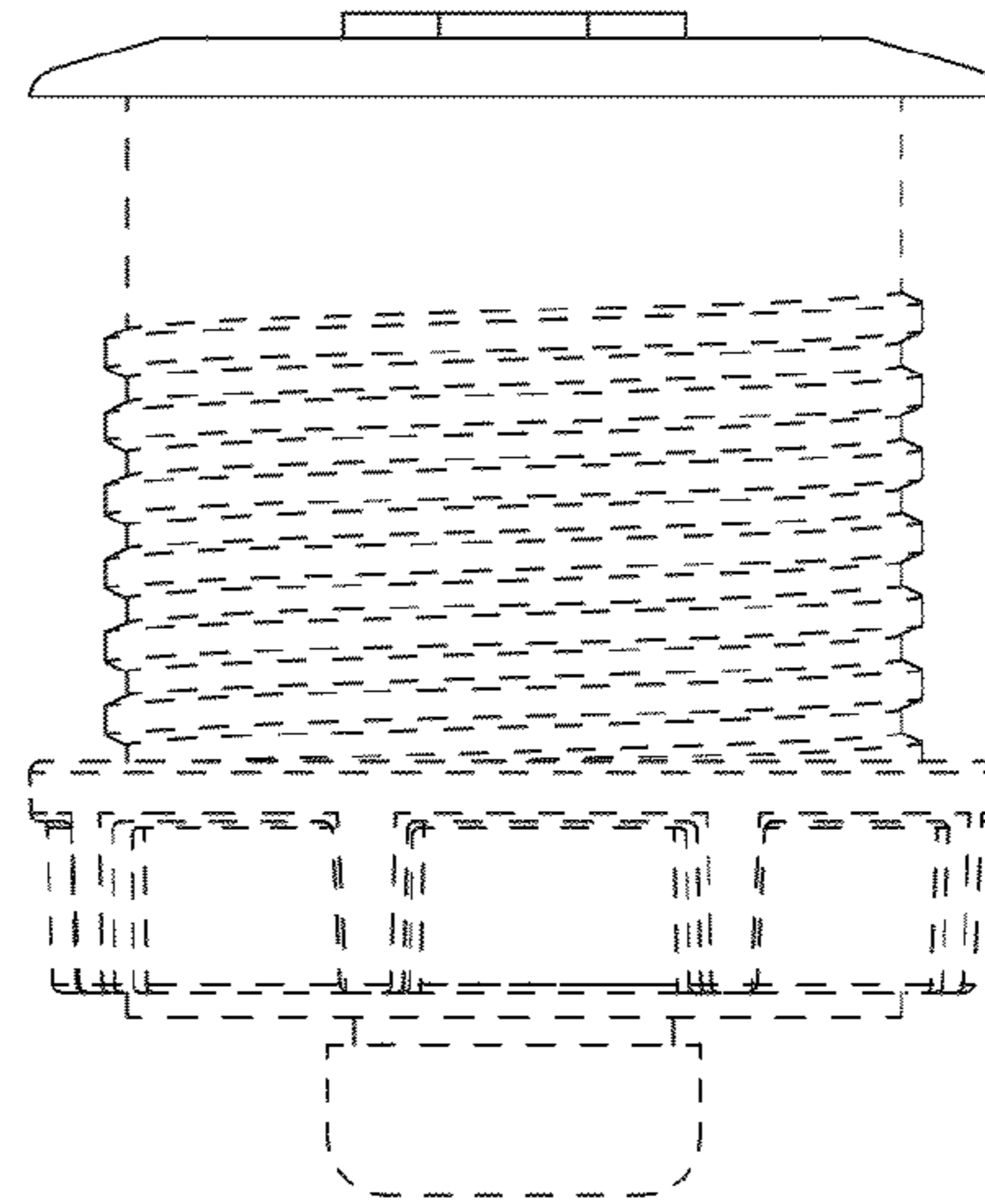


FIG. 14

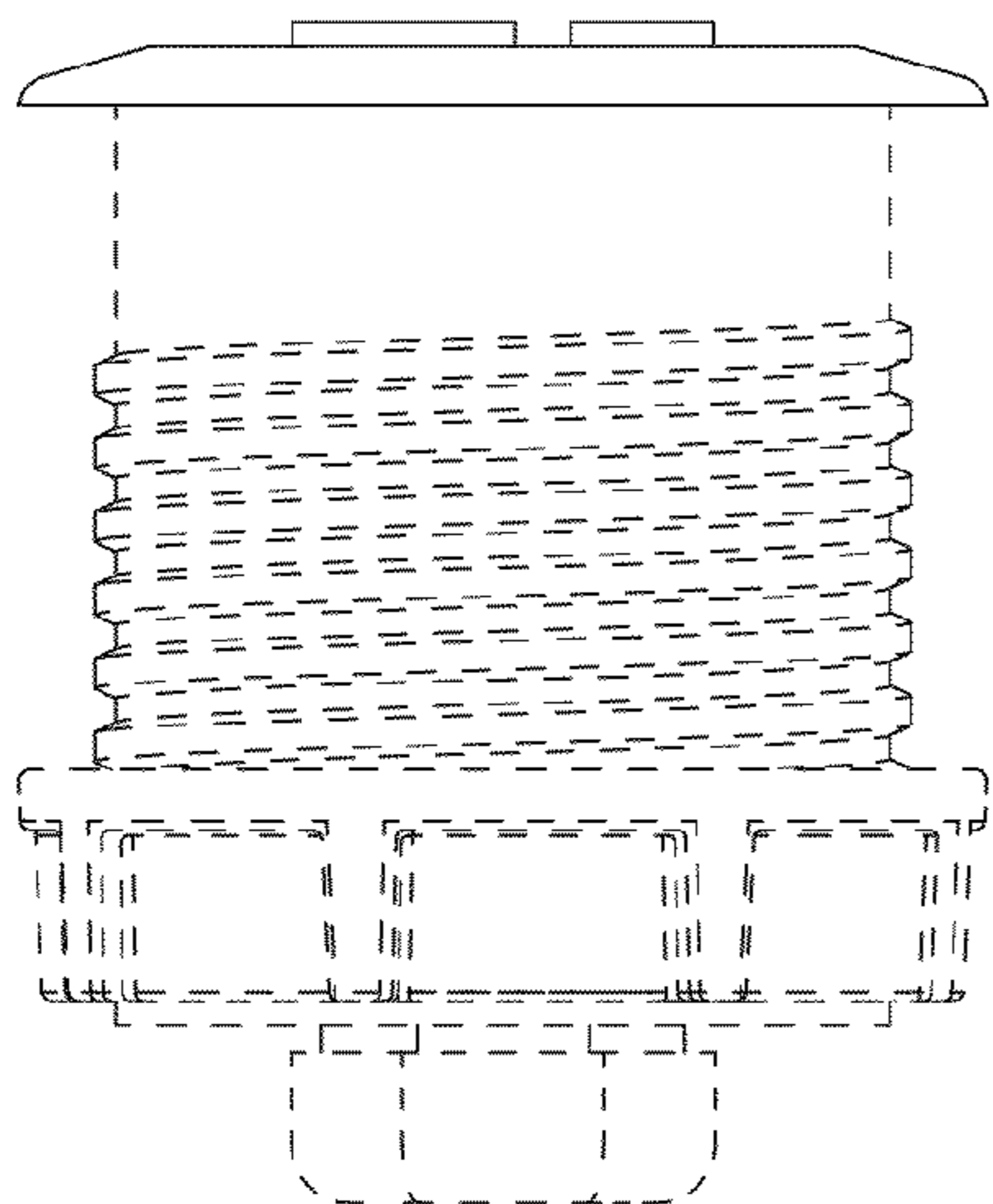


FIG. 15

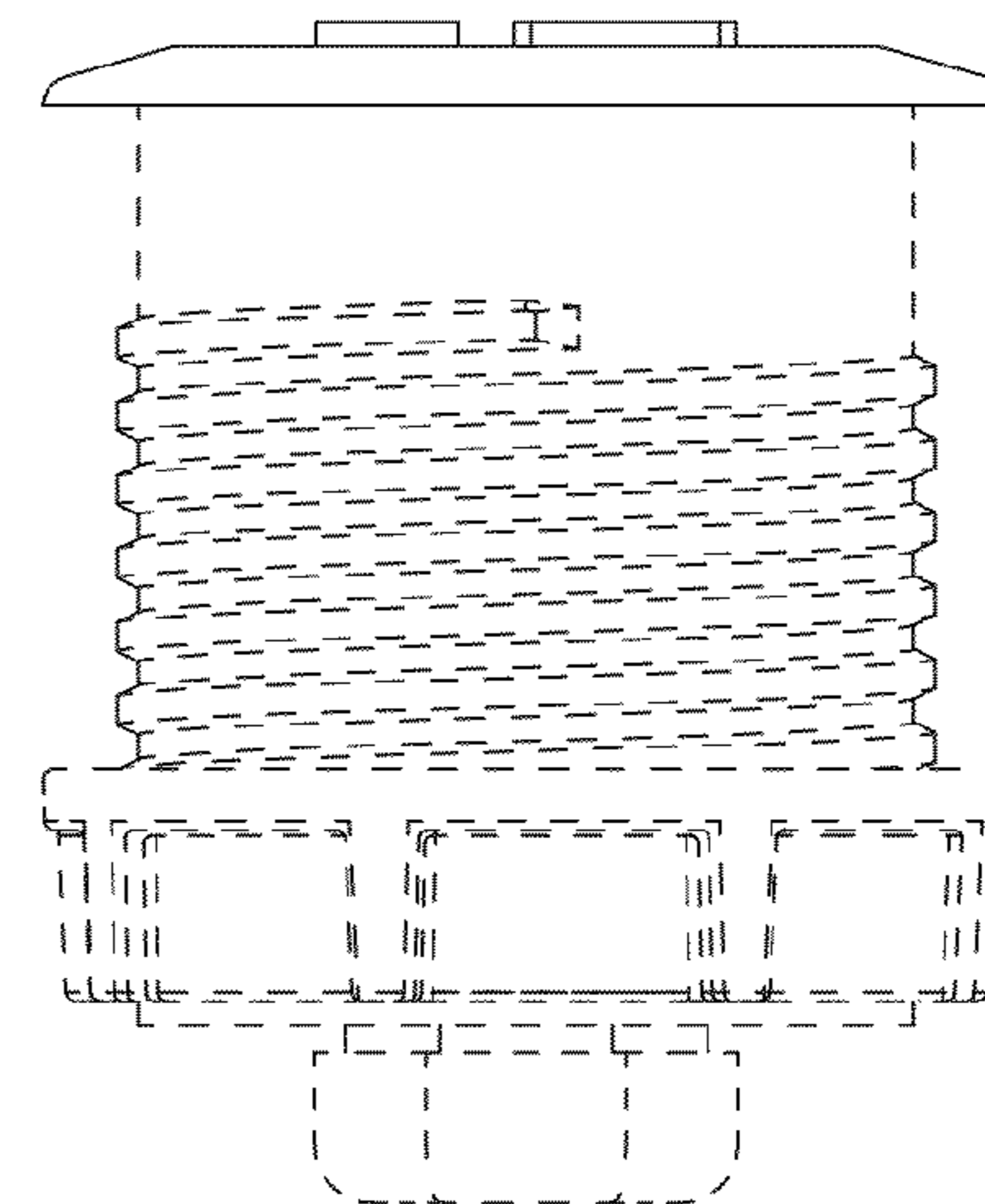


FIG. 16