

US00D907474S

(12) **United States Design Patent** (10) **Patent No.:** **US D907,474 S**
Buckley et al. (45) **Date of Patent:** **** Jan. 12, 2021**

(54) **TOOL CONNECTOR**

(71) Applicant: **Unger Marketing International, LLC**,
Bridgeport, CT (US)

(72) Inventors: **James M. Buckley**, New Hartford, CT
(US); **John Anthony Triunfo**, Fairfield,
CT (US)

(73) Assignee: **UNGER MARKETING**
INTERNATIONAL, LLC, Bridgeport,
CT (US)

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

(21) Appl. No.: **29/681,865**

(22) Filed: **Feb. 28, 2019**

(51) **LOC (13) Cl.** **08-08**

(52) **U.S. Cl.**

USPC **D8/396; D8/387**

(58) **Field of Classification Search**

USPC D8/395, 394, 396, 398, 399, 15–29,
D8/51–61, 70, 70.1, 72, 73, 74, 330, 331,
D8/333, 335, 349, 350, 352, 354, 355,
D8/356, 14, 44, 381, 382, 383, 385, 387,
D8/388, 397; D32/35, 39, 50, 51;
D9/434, 443, 435

CPC F16B 19/1081; B42F 1/006; B42F 1/08;
B42F 1/02; B42F 9/001; B65D 50/046;
B65D 41/56; B25B 5/00; Y10T 24/203;
B25J 1/00; B25G 3/30; B25G 1/04

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,407,327 A 2/1922 Giles
3,409,319 A 11/1968 Hecke
3,524,210 A 8/1970 McLean
3,917,097 A 11/1975 Uhlig
3,989,152 A 11/1976 Julian

4,541,139 A 9/1985 Jones et al.
D287,629 S * 1/1987 Feinbloom D16/130
4,642,837 A 2/1987 Nichols et al.
4,768,258 A 9/1988 Langenstein
5,161,278 A 11/1992 Tomm
5,172,447 A 12/1992 Tomm
5,288,161 A 2/1994 Graves et al.
5,366,314 A 11/1994 Young
5,375,286 A 12/1994 Harrah
5,385,420 A 1/1995 Newman et al.
5,449,077 A 9/1995 Seidler

(Continued)

FOREIGN PATENT DOCUMENTS

DE 3901283 A1 8/1989
GB 2209301 A 5/1989

(Continued)

Primary Examiner — Keli L Hill

Assistant Examiner — Sara S Sahneh

(74) *Attorney, Agent, or Firm* — Cantor Colburn LLP

(57)

CLAIM

We claim, the ornamental design for a tool connector, as
shown and described.

DESCRIPTION

FIG. 1 is a front top perspective view of a first embodiment
of the design;

FIG. 2 is a front bottom perspective view of the design of
FIG. 1;

FIG. 3 is a front of the design of FIG. 1;

FIG. 4 is a rear view of the design of FIG. 1;

FIG. 5 is a first side view of the design of FIG. 1;

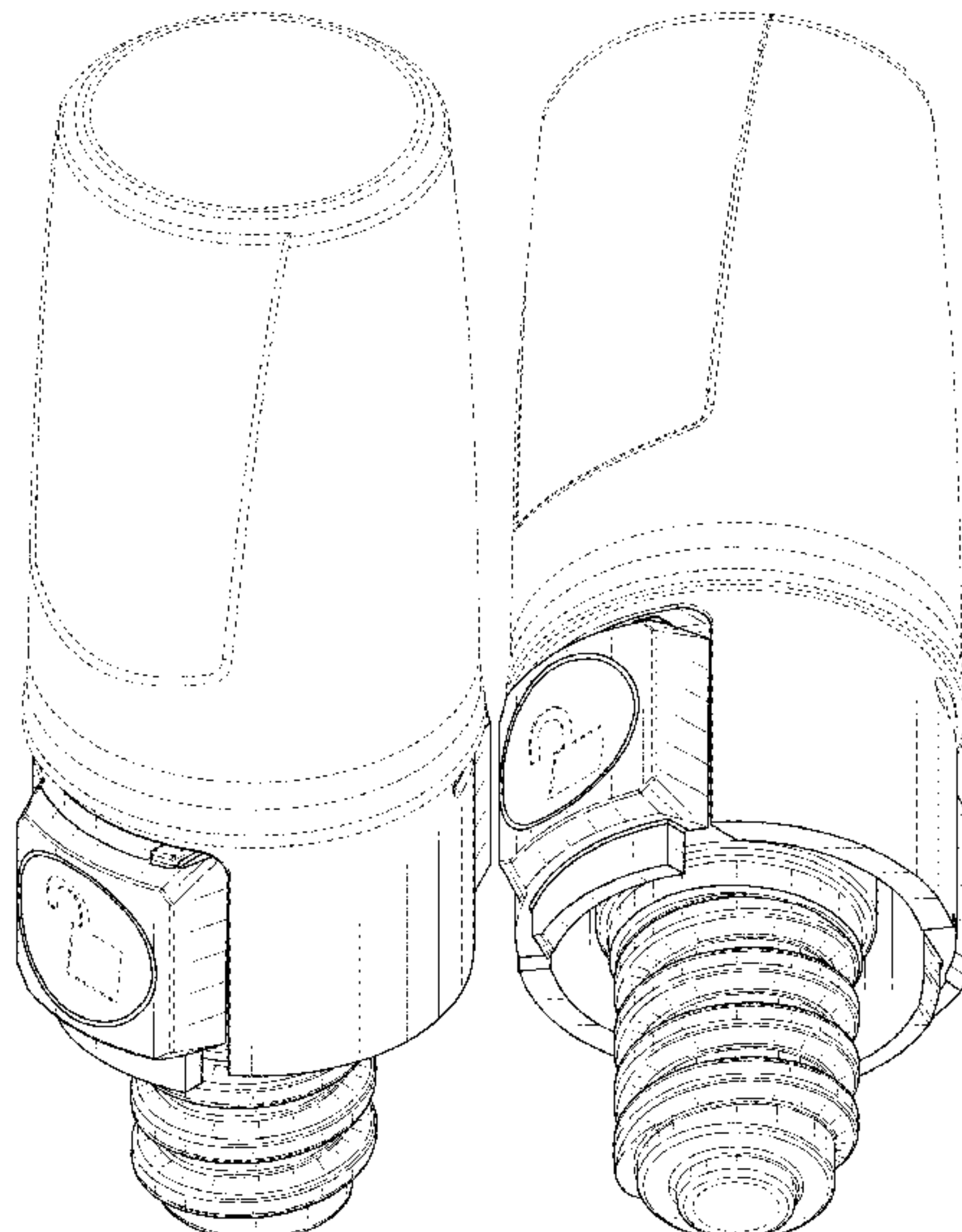
FIG. 6 is a second side view of the design of FIG. 1;

FIG. 7 is a top view of the design of FIG. 1; and,

FIG. 8 is a bottom view of the design of FIG. 1.

The broken lines shown are included for the purpose of
illustrating portions of the tool connector that form no part
of the claim.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,460,281 A10/1995Rapchak et al.

5,544,768 A8/1996Gargione

5,586,671 A12/1996Thomas et al.

5,687,863 A11/1997Kusz

5,706,963 A1/1998Gargione

5,842,810 A12/1998Morad

5,865,330 A2/1999Buono

5,908,125 A6/1999Opresco

5,927,526 A7/1999Herr

6,036,036 A3/2000Bilani et al.

6,112,921 A9/2000Robinson

6,161,242 A12/2000Gomez et al.

6,349,451 B12/2002Newman et al.

6,425,705 B17/2002Ingram

6,461,075 B210/2002Bickel

D494,458 S *8/2004Aukzemas D8/387

6,824,180 B211/2004Tomchak

7,549,195 B26/2009Bensussan et al.

7,774,889 B28/2010Weaver

D644,092 S *8/2011Matsubayashi D8/387

D663,196 S *7/2012Bohnet D8/387

8,646,811 B1 *2/2014Chang F16L 37/23

251/149.1

D701,451 S *3/2014Momiyama D8/382

8,745,837 B26/2014Bensussan et al.

8,800,113 B18/2014Charvet

8,875,350 B211/2014Bukovitz

8,991,013 B23/2015Nommensen et al.

9,102,051 B28/2015Chen

D790,612 S *6/2017Haimer D15/138

D812,460 S *3/2018Totsu D8/387

D845,251 S *4/2019Smith D13/155

2003/0103803 A16/2003Axelsson

2003/0233718 A112/2003Heathcock et al.

2018/0105333 A1 *4/2018Painchaud B65D 50/046

FOREIGN PATENT DOCUMENTS

KR301030344.0000 *4/2019

KR301046730.0000 *5/2019

* cited by examiner

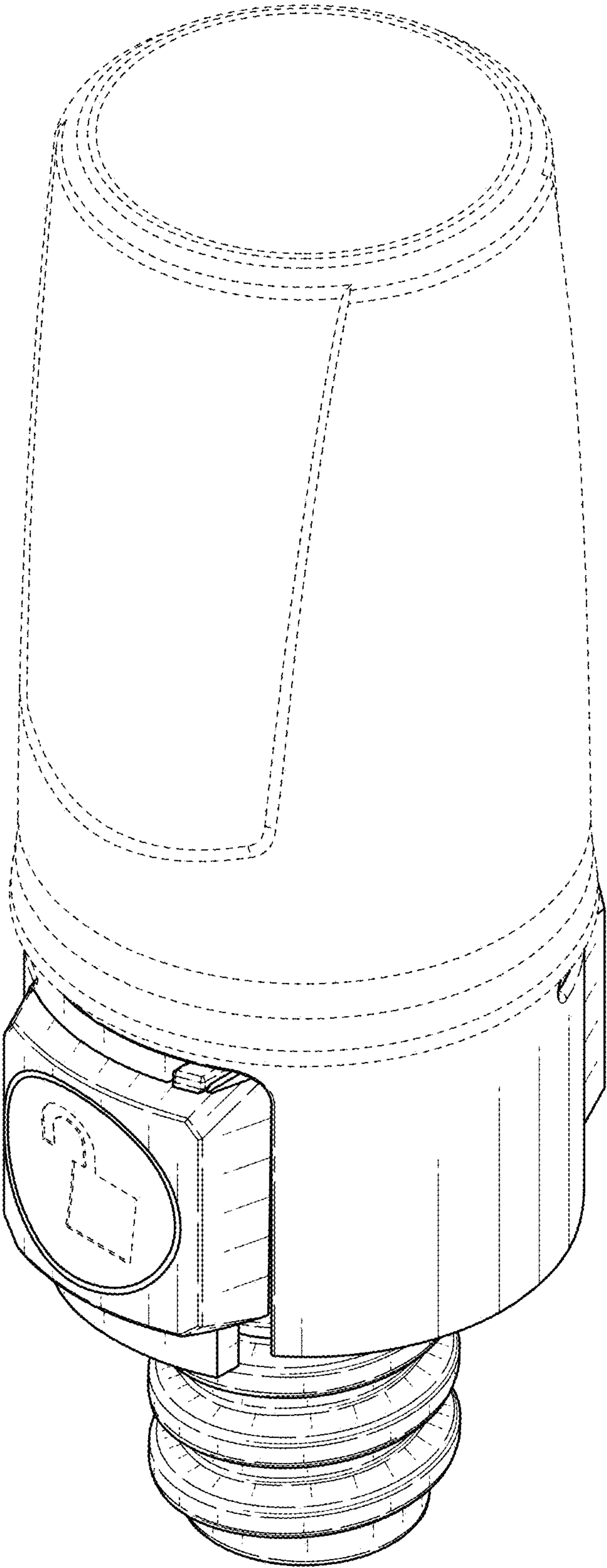


FIG. 1

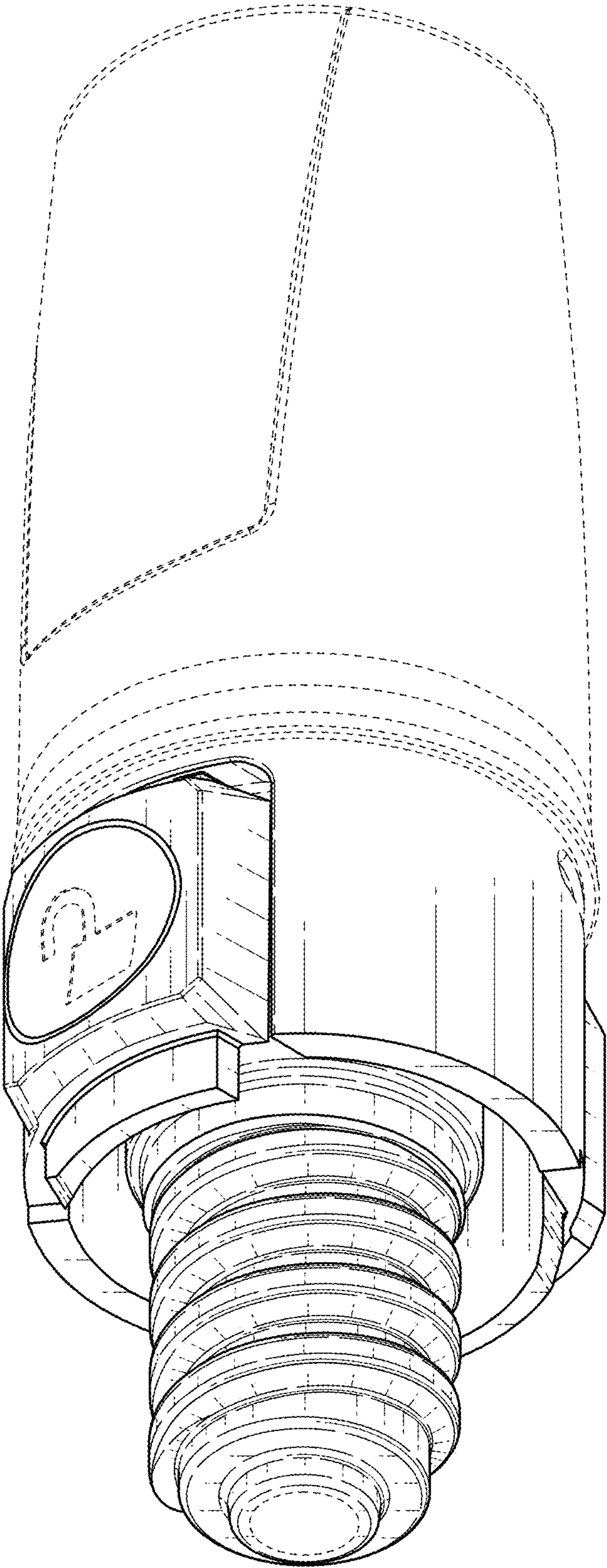


FIG. 2

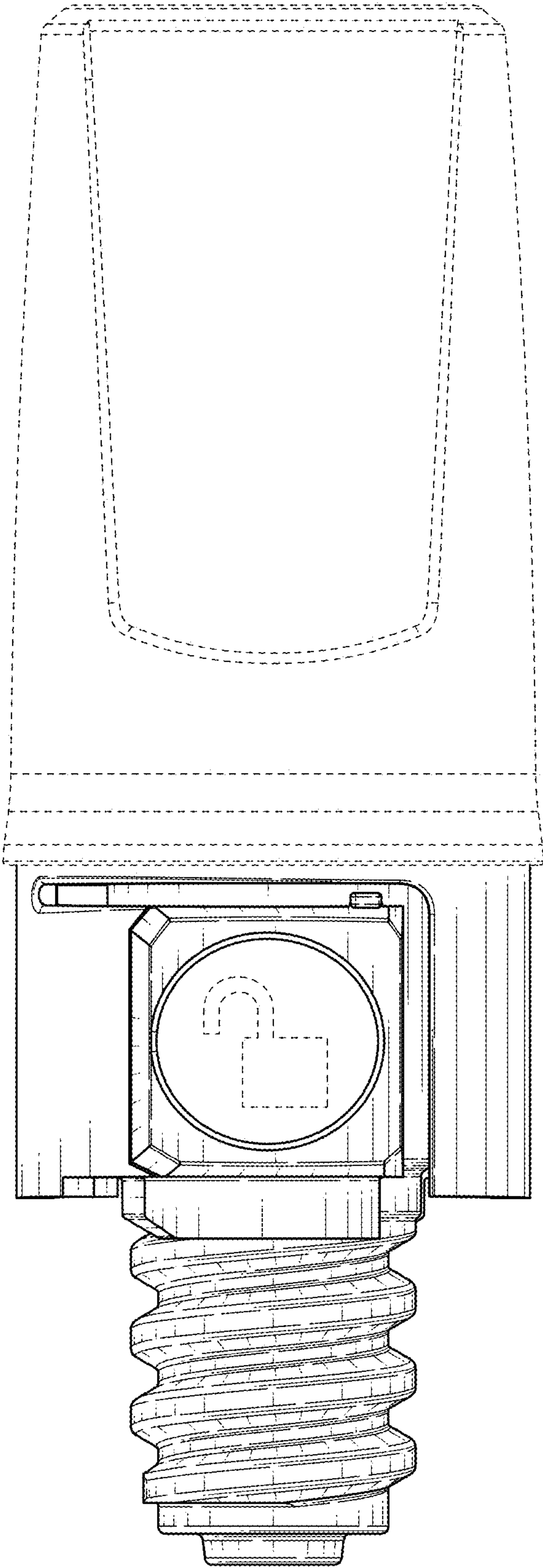


FIG. 3

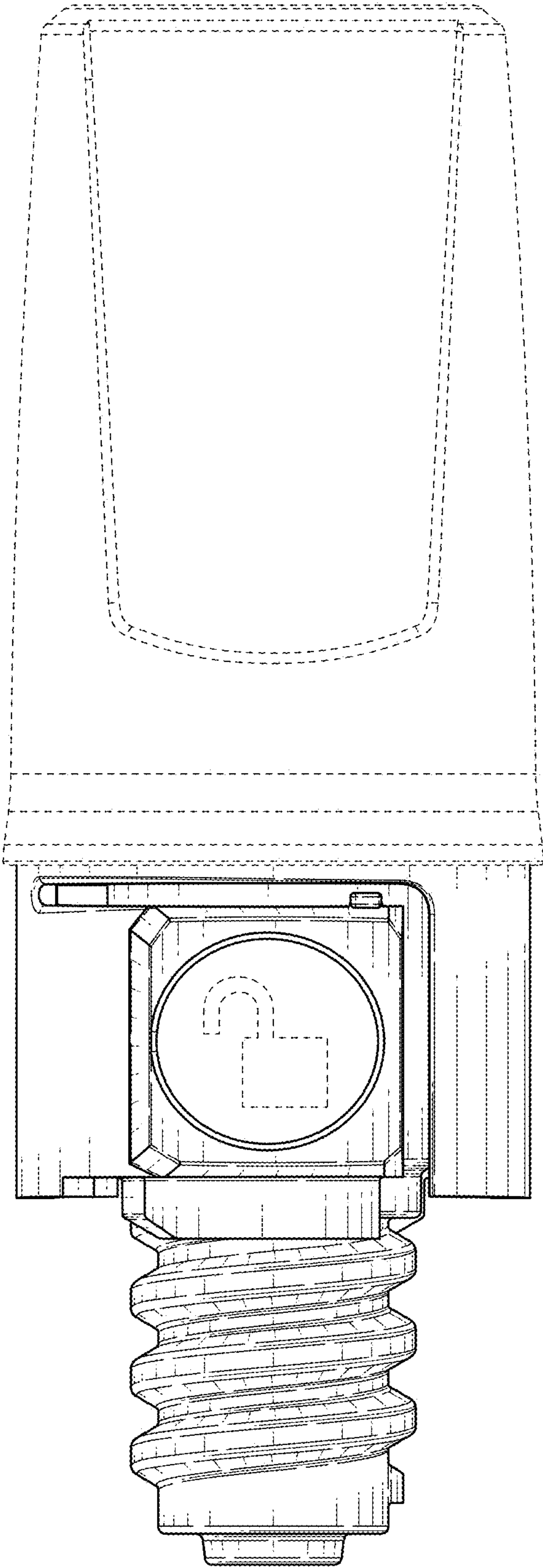


FIG. 4

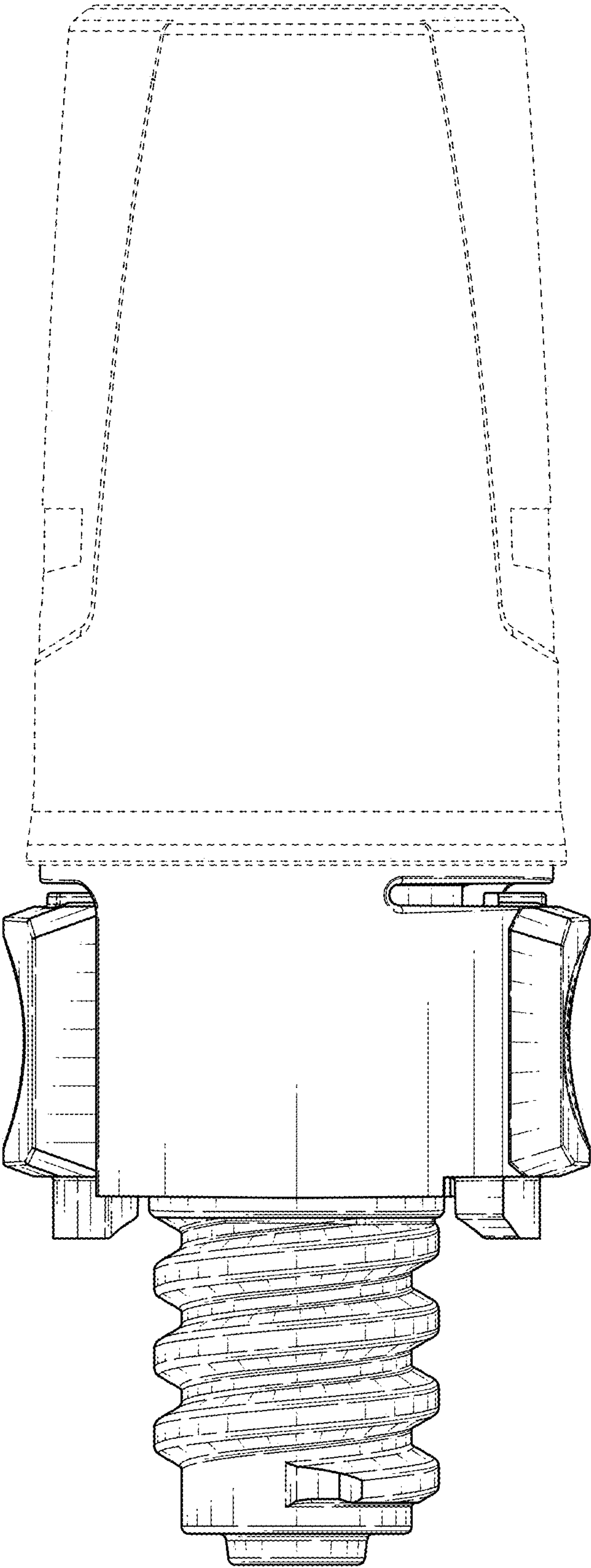


FIG. 5

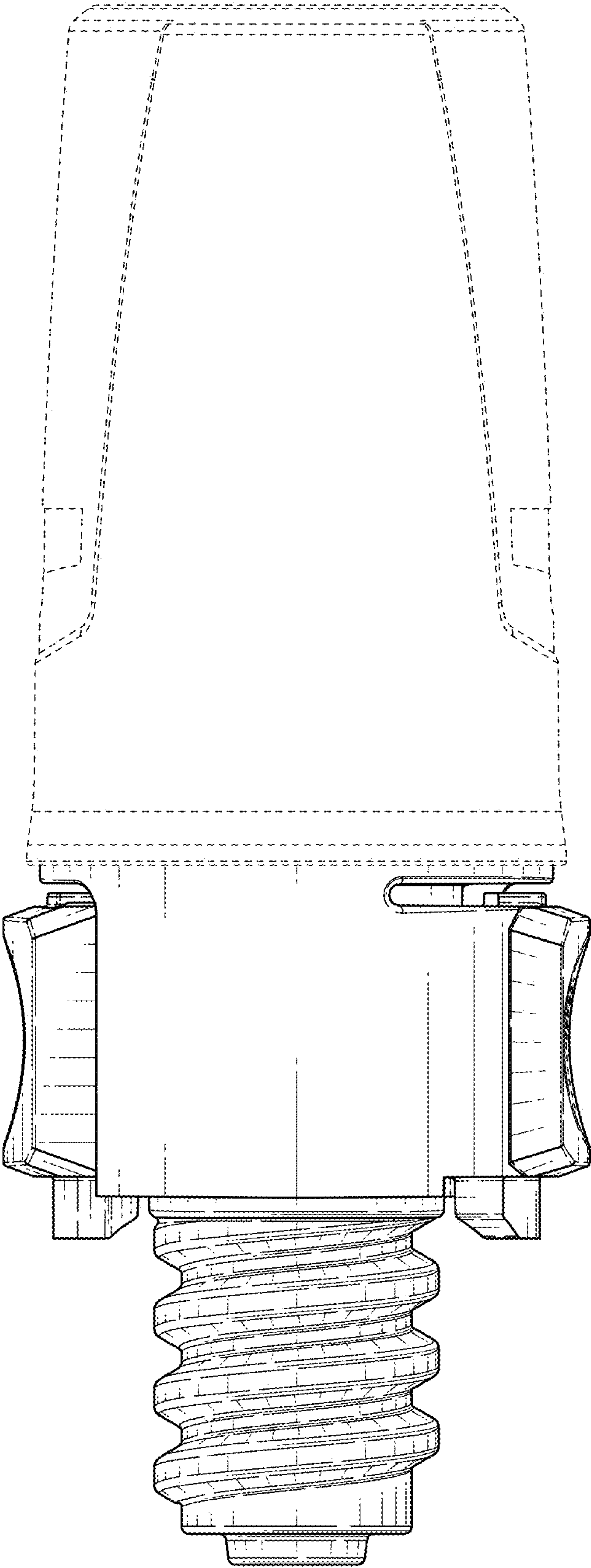


FIG. 6

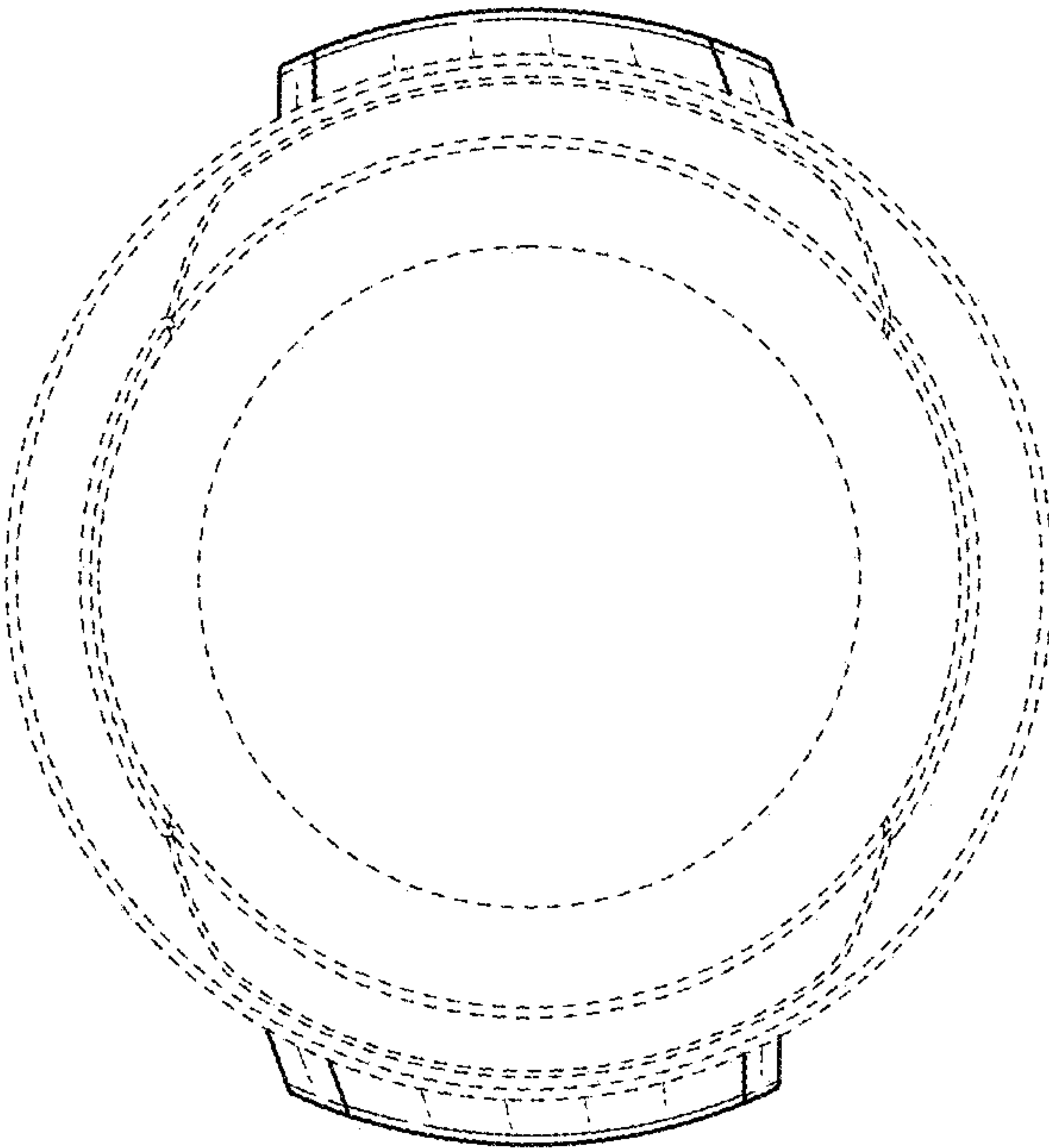


FIG. 7

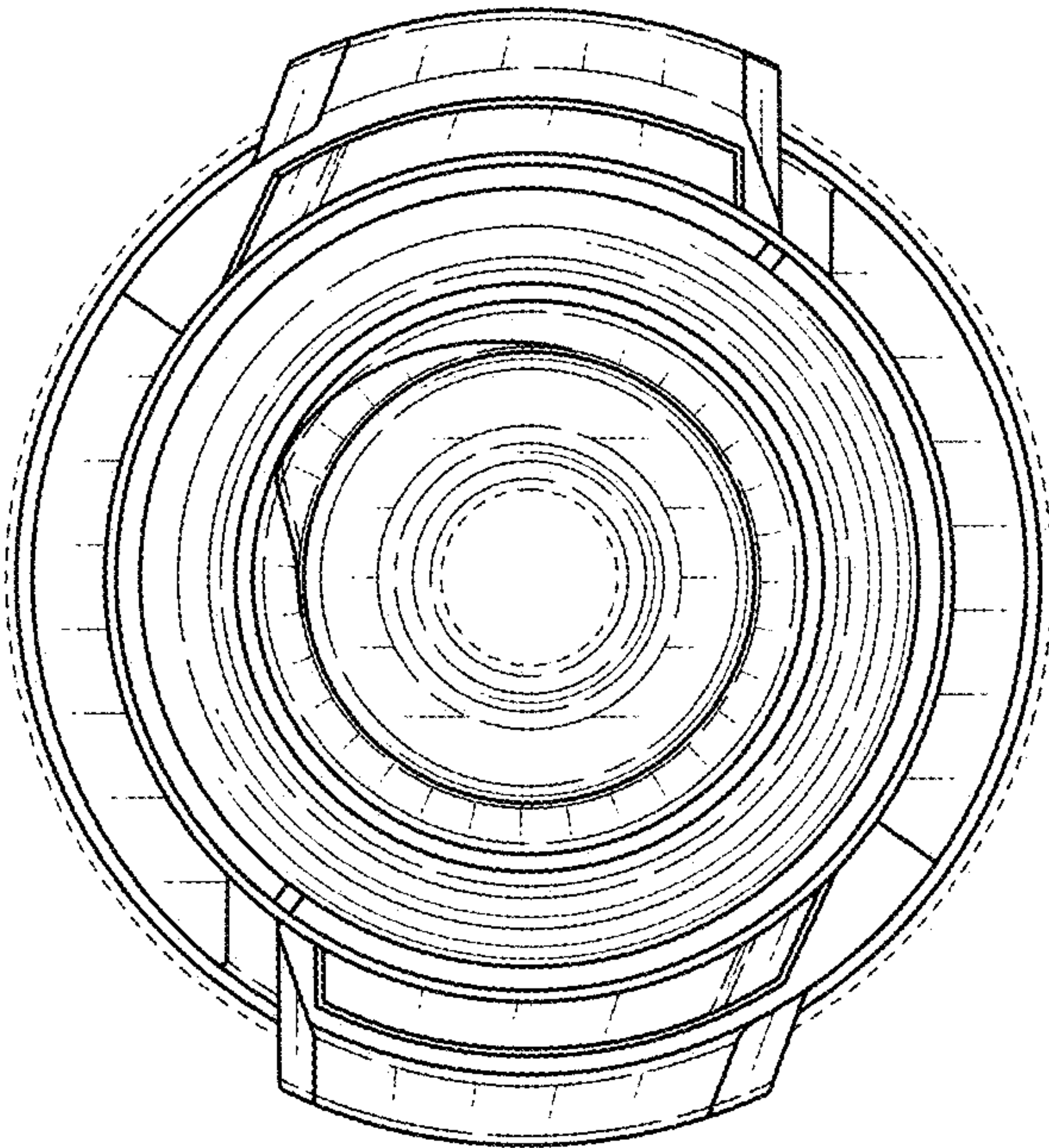


FIG. 8