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(12) **United States Design Patent** (10) **Patent No.:** **US D798,686 S**
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(54) **ERGONOMICAL TRIGGER HANDLE**

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(51) **LOC (10) Cl.** **08-05**

(52) **U.S. Cl.**
USPC **D8/107**

(58) **Field of Classification Search**

USPC D8/97, 107, 300–303; D24/113, 133, D24/137, 138, 143, 144, 145, 146, 147, D24/148; 16/110.1, 421, 422, 426, 427, 16/430; 606/1, 80, 130, 142, 143; 74/141.5, 144, 156

CPC A61B 19/2203; A61B 19/5244; A61B 17/00234; A61B 17/1285; A61B 19/22; A61B 2019/2242; A61B 2019/2234; A61B 17/068; A61B 17/122; A61B 19/20; A61B 2017/003; A61B 2019/2211; A61B 19/26; A61B 2017/2929; A61B 2017/0046; A61B 2017/00398; A61B 17/0469; A61B 17/064; A61B 2019/464; A61B 17/00; A61B 17/128; A61B 17/2909; A61B 17/0057; A61B

2019/5268; A61B 17/0218; A61B 6/12; A61B 17/320016; A61B 2019/4857; A61B 2019/5259; A61B 2017/306; A61B 2217/005; A61B 5/06; A61B 2017/3445; A61B 2017/292; A61B 8/12; A61B 2017/2902; A61B 10/0233; A61B 2019/2269; A61B 2017/00424; A61B 17/32; A61B 2217/007; A61B 1/00087; A61B 17/0483; Y10T 16/469; Y10T 16/44; Y10T 16/476; Y10T 16/466; Y10T
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D307,537 S * 5/1990 Englund D8/107
5,171,249 A 12/1992 Stefanchik et al.
(Continued)

OTHER PUBLICATIONS

<http://www.dahuaonline.com/product/337-clip-applier-dh001-01-3189/>.

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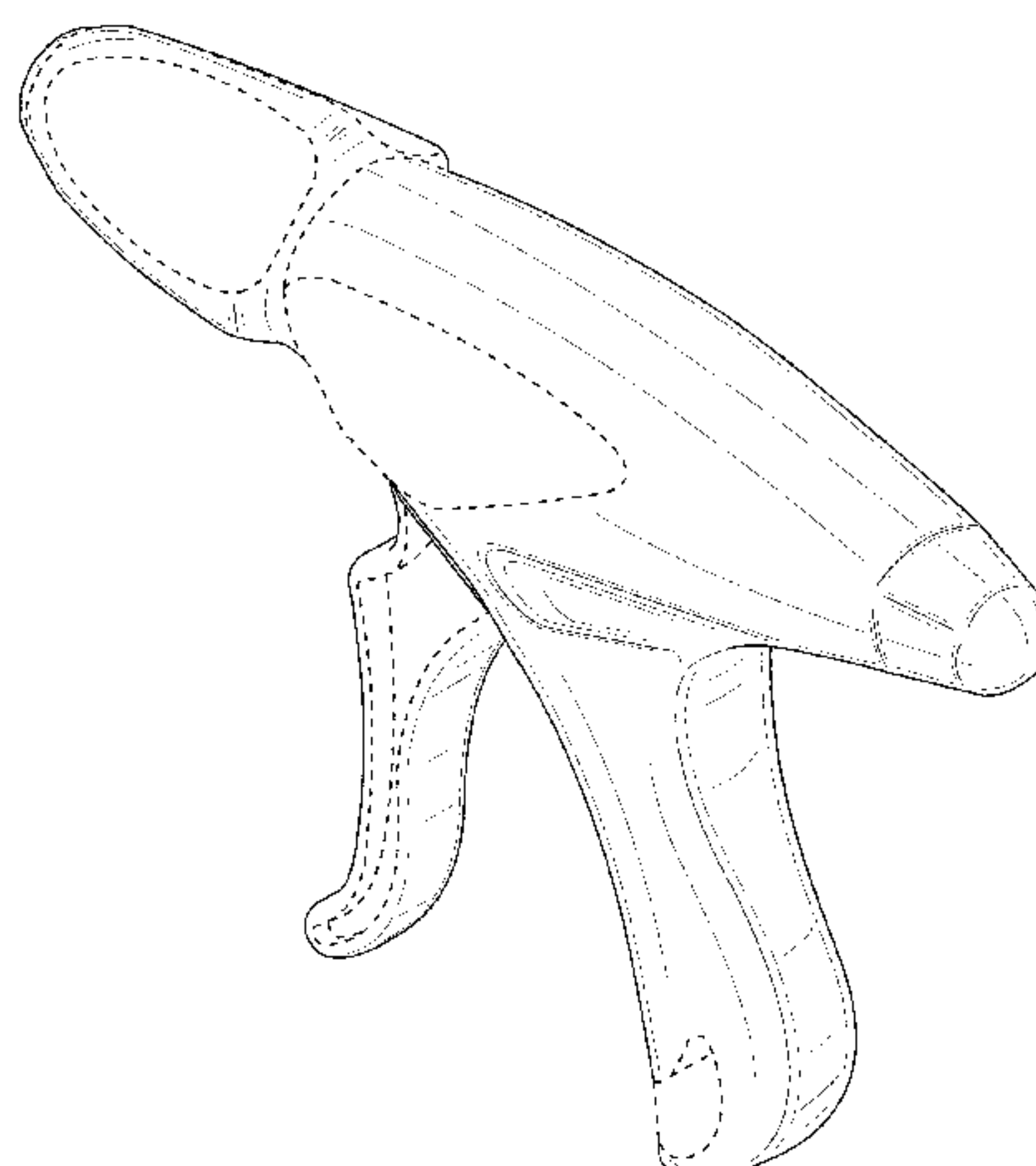
(57) **CLAIM**

The ornamental design for an ergonomical trigger handle, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an ergonomical trigger handle showing our new design;
FIG. 2 is a left side elevational view thereof;
FIG. 3 is a right side elevational view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a front elevational view thereof; and,
FIG. 7 is a rear elevational view thereof.

(Continued)



The broken lines shown represent unclaimed subject matter and form no part of the claimed design.

1 Claim, 5 Drawing Sheets

(58) Field of Classification Search

CPC 16/4713; Y10T 74/1577; Y10T 74/1558;
Y10T 74/1553; Y10T 74/20828; Y10T
74/20732; Y10T 16/4559; Y10T 16/459;
Y10T 74/20864; Y10T 292/57; Y10T
74/20762; Y10T 408/65; Y10T 74/20822;
B25G 1/102; B25G 1/10; B25G 1/00;
B25G 1/105; B25G 3/00; B25G 3/20;
Y10S 16/12; Y10S 227/901; Y10S 16/19;
Y10S 16/90; Y10S 901/41; Y10S 16/41
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

5,282,807 A * 2/1994 Knoepfler A61B 17/0682
227/180.1
5,282,808 A 2/1994 Kovac et al.
5,290,299 A * 3/1994 Fain A61B 17/1285
227/902

5,300,081 A 4/1994 Young et al.
D354,564 S 1/1995 Medema
5,562,655 A 10/1996 Mittelstadt
D387,263 S * 12/1997 Bidstrup D8/107
D388,684 S * 1/1998 Irwin D8/303
D396,624 S * 8/1998 Basilius D8/107
D502,994 S * 3/2005 Blake, III D24/145
D509,589 S * 9/2005 Wells D24/133
7,686,820 B2 3/2010 Huitema et al.
D662,386 S * 6/2012 Abell D8/107
8,216,255 B2 7/2012 Smith et al.
D687,549 S * 8/2013 Johnson D24/133
D706,928 S * 6/2014 Harrison D24/133
D716,945 S * 11/2014 Miller D24/148
D731,648 S * 6/2015 Rencher D24/144
D745,146 S * 12/2015 Hess D24/133
2008/0125762 A1 * 5/2008 Hiller A61B 17/2909
606/1
2008/0148523 A1 * 6/2008 MacGregor G06K 7/10881
16/430
2009/0264904 A1 * 10/2009 Aldrich A61B 17/1285
606/143
2010/0057103 A1 * 3/2010 Sorrentino A61B 17/1285
606/143
2014/0243801 A1 * 8/2014 Fanelli A61B 17/07207
606/1
2015/0173789 A1 * 6/2015 Baxter, III A61B 17/07207
606/130

* cited by examiner

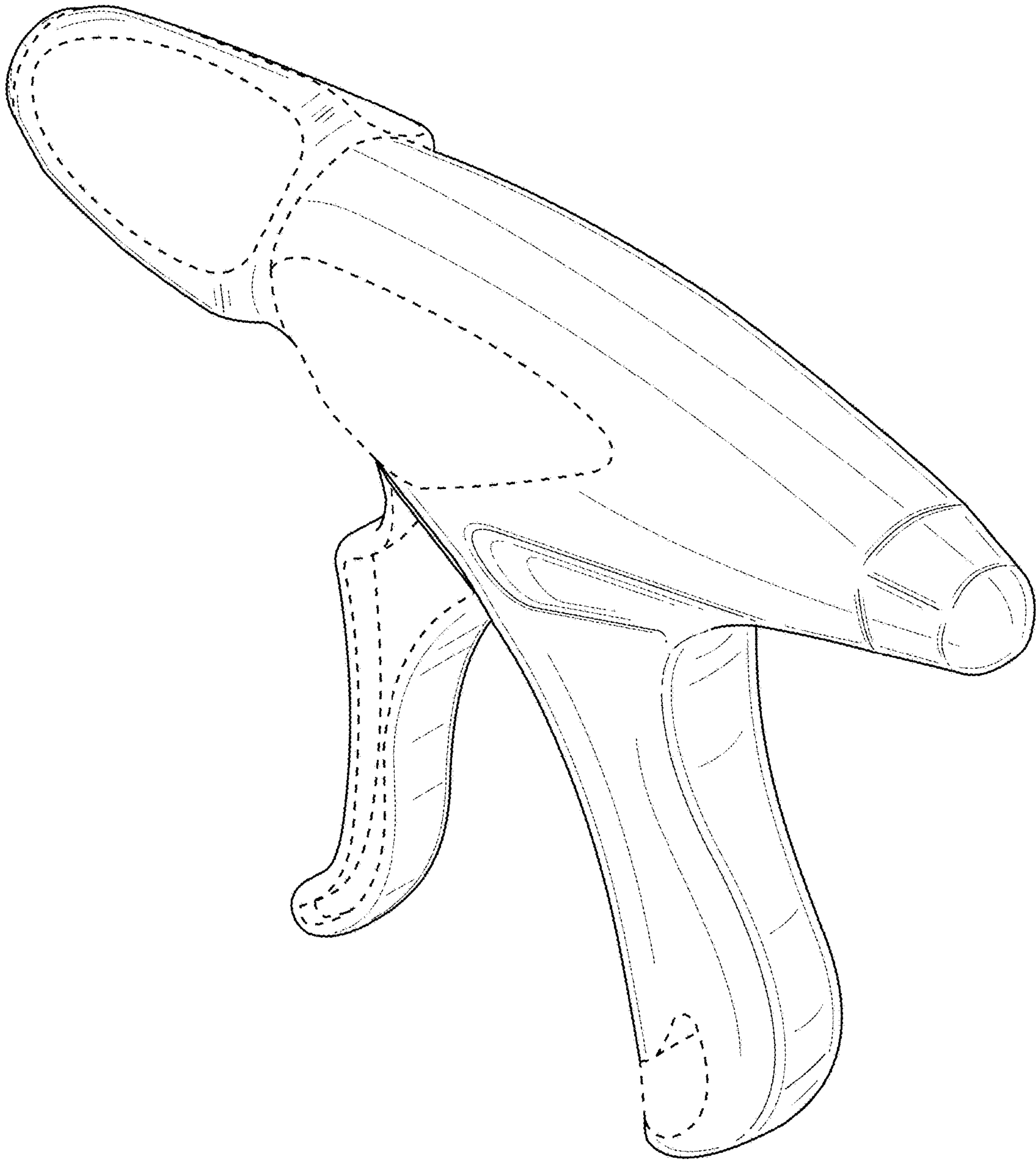


FIG. 1

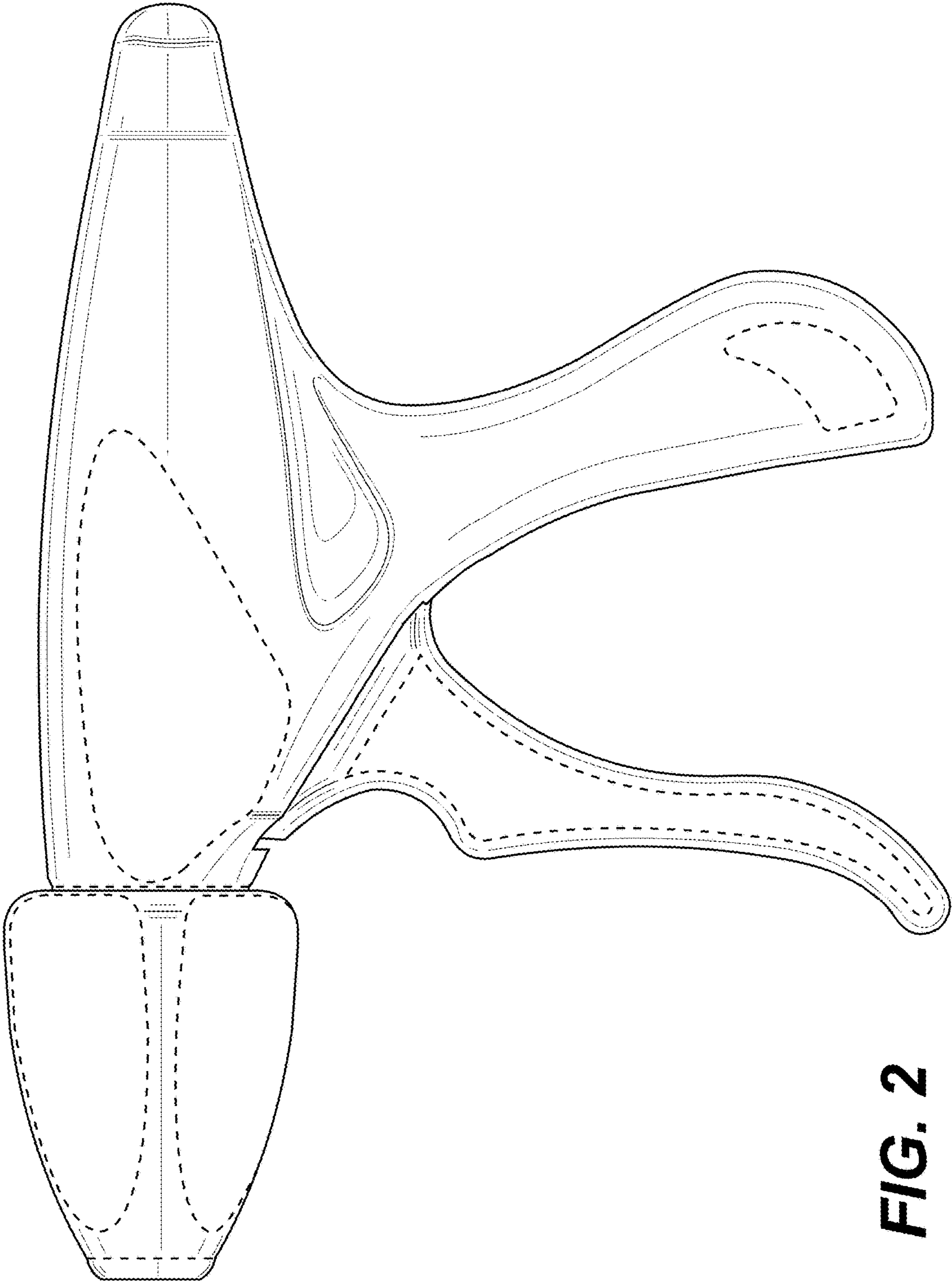


FIG. 2

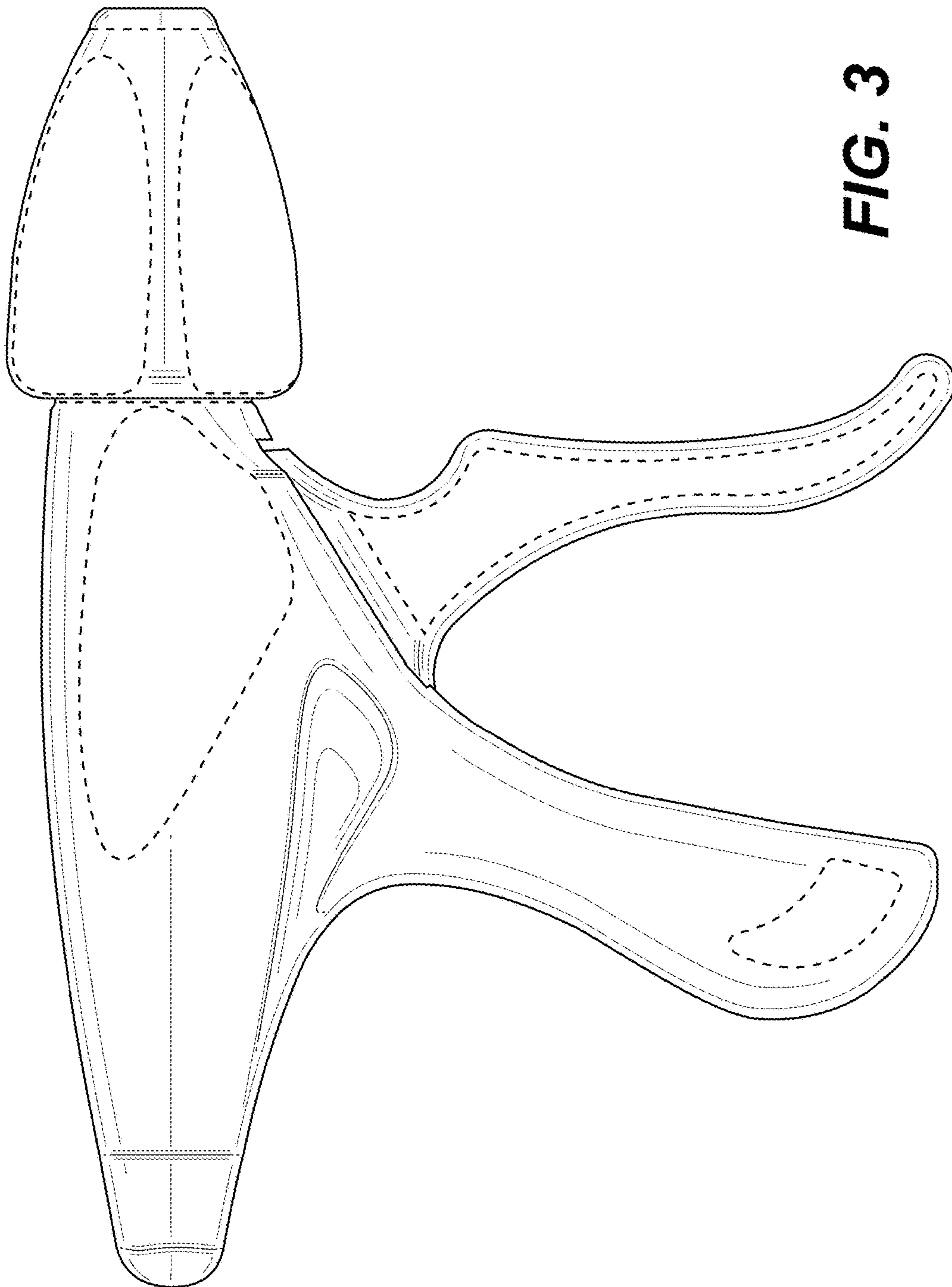


FIG. 3

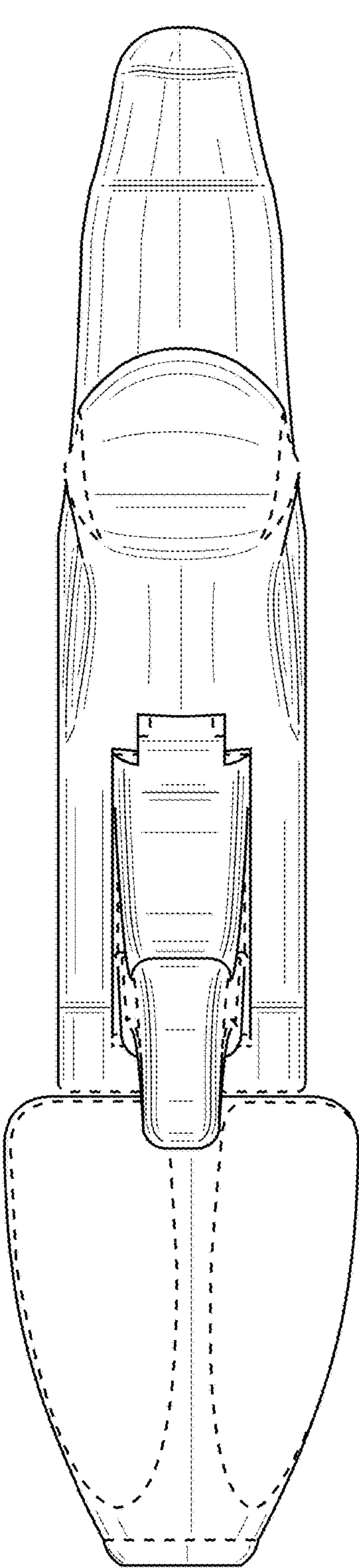


FIG. 4

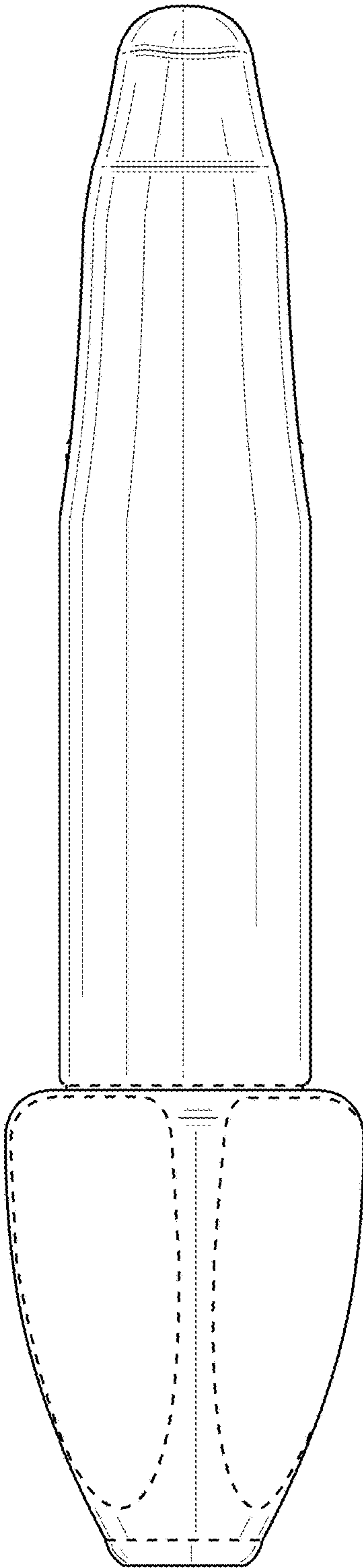


FIG. 5

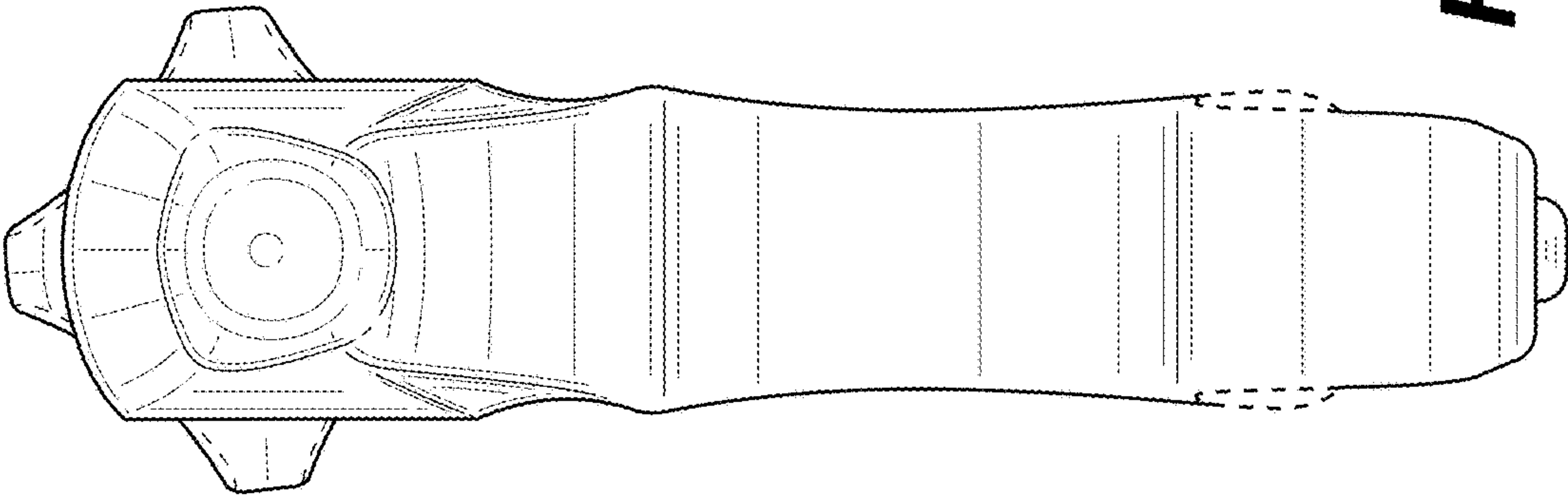


FIG. 7

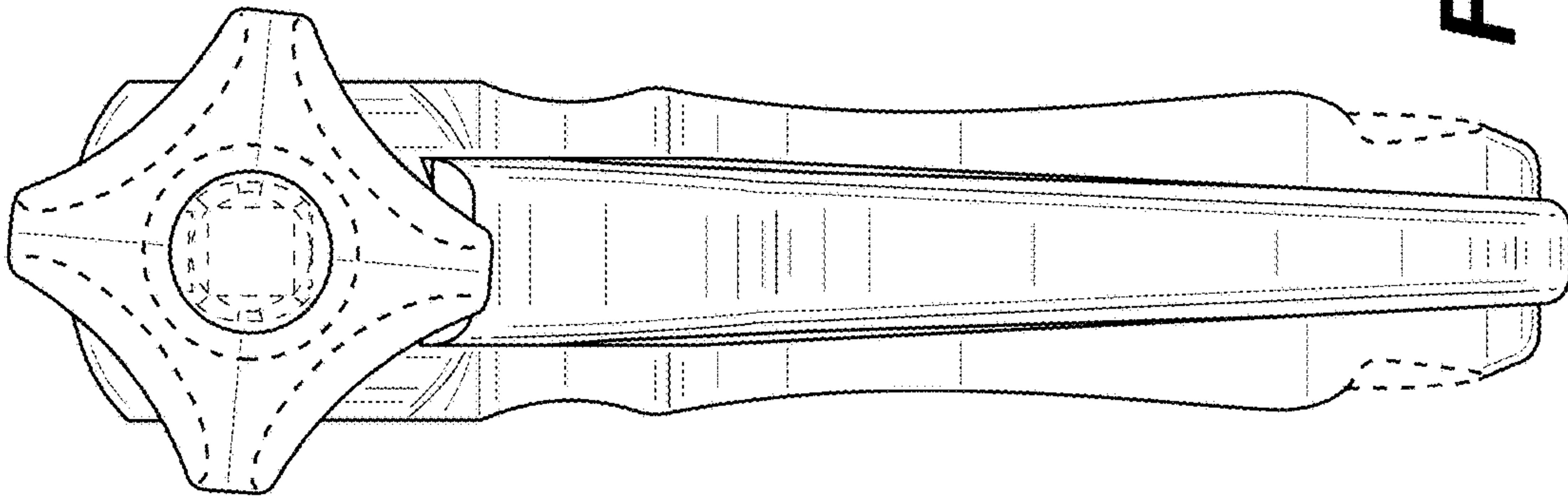


FIG. 6