



US00D832370S

(12) **United States Design Patent** (10) **Patent No.:** **US D832,370 S**
Chen (45) **Date of Patent:** **** Oct. 30, 2018**

(54) **TOY POP GUN BALL LAUNCHER**
(71) Applicant: **Shaoyun Chen**, Shantou (CN)
(72) Inventor: **Shaoyun Chen**, Shantou (CN)
(**) Term: **15 Years**
(21) Appl. No.: **29/586,284**

7,938,110 B2 * 5/2011 Udwin F41B 11/641
124/65
D666,275 S * 8/2012 DeVore D23/223
8,671,926 B1 * 3/2014 Mahlstedt F41B 11/641
124/65
D718,824 S * 12/2014 Huang D21/570
9,062,928 B2 * 6/2015 Appleton F41B 11/73
D786,986 S * 5/2017 Su D21/570
D790,639 S * 6/2017 Yu D21/573
D792,543 S * 7/2017 Lakatos D22/104

(22) Filed: **Dec. 1, 2016**
(51) **LOC (11) Cl.** **21-01**
(52) **U.S. Cl.**
USPC **D21/573**; D21/567; D21/570; D21/274
(58) **Field of Classification Search**
USPC D21/567, 570-575; D22/100, 101, 103,
D22/104, 108, 109; 124/41.1, 45, 49, 50,
124/51.1, 55, 56, 65, 69, 70-79, 80, 82;
137/509; D23/223
CPC F41C 3/00; F41C 3/005; F41C 3/02; F41C
3/04; F41C 3/06; F41C 3/14; F41C 3/16;
F41C 9/02; F41C 9/04; F41C 9/06
See application file for complete search history.

OTHER PUBLICATIONS

Hog Wild Atomic Six Shooter Foam Battle Toy [online] found on Jan. 16, 2018 from URL https://www.amazon.com/dp/B00CUD82P0/ref=psdc_2327110011_t4_B01N5M7I2O.*

* cited by examiner

Primary Examiner — Robin V Webster
Assistant Examiner — Keith J Wilson
(74) *Attorney, Agent, or Firm* — LaMorte & Associates P.C.

(57) **CLAIM**

The ornamental design for a toy pop gun ball launcher, as shown and described.

(56) **References Cited**

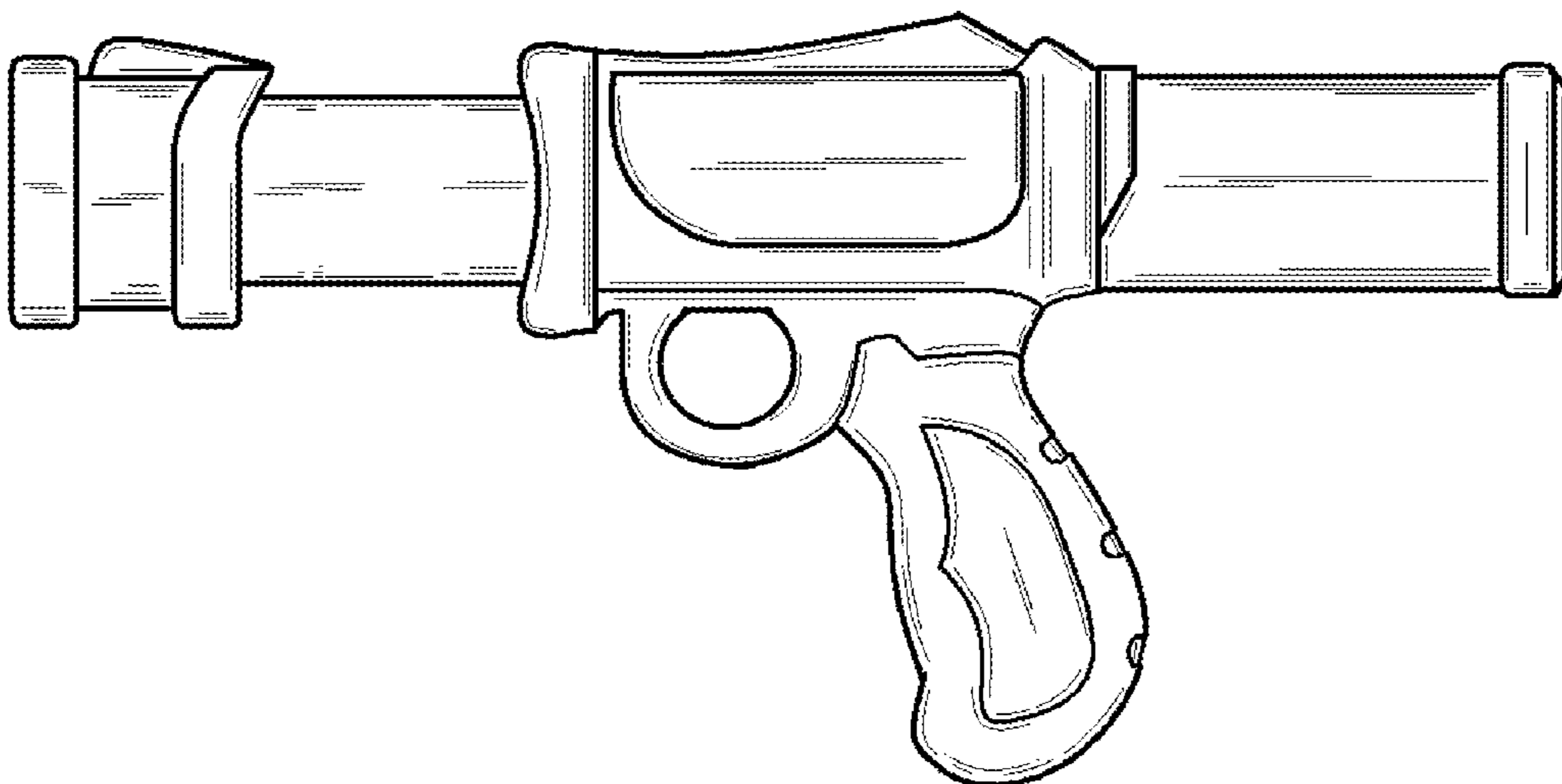
U.S. PATENT DOCUMENTS

2,601,555 A 6/1952 Pope
2,678,847 A * 5/1954 Caird A62C 31/005
137/509
2,725,868 A 12/1955 Foster
2,762,357 A 9/1956 Foster
3,236,521 A 2/1966 Knott
3,765,396 A 10/1973 Kienholz et al.
5,115,794 A 5/1992 Moormann
5,377,655 A 1/1995 Arad
5,377,656 A 1/1995 Lewinski et al.
D385,008 S * 10/1997 Lamont D22/100
5,735,256 A 4/1998 Monk
D599,433 S * 9/2009 Zore D23/223
7,938,100 B2 5/2011 Udwin

DESCRIPTION

FIG. 1 is left side view of a toy pop gun ball launcher, the right side view being a mirror image thereof;
FIG. 2 is a top view thereof;
FIG. 3 is a bottom view thereof;
FIG. 4 is a front view thereof;
FIG. 5 is a rear view thereof; and,
FIG. 6 is a perspective view thereof.
The area encompassed by broken lines in the drawing depict portions of the toy pop gun with barrel handle that form no part of the claimed design.

1 Claim, 5 Drawing Sheets



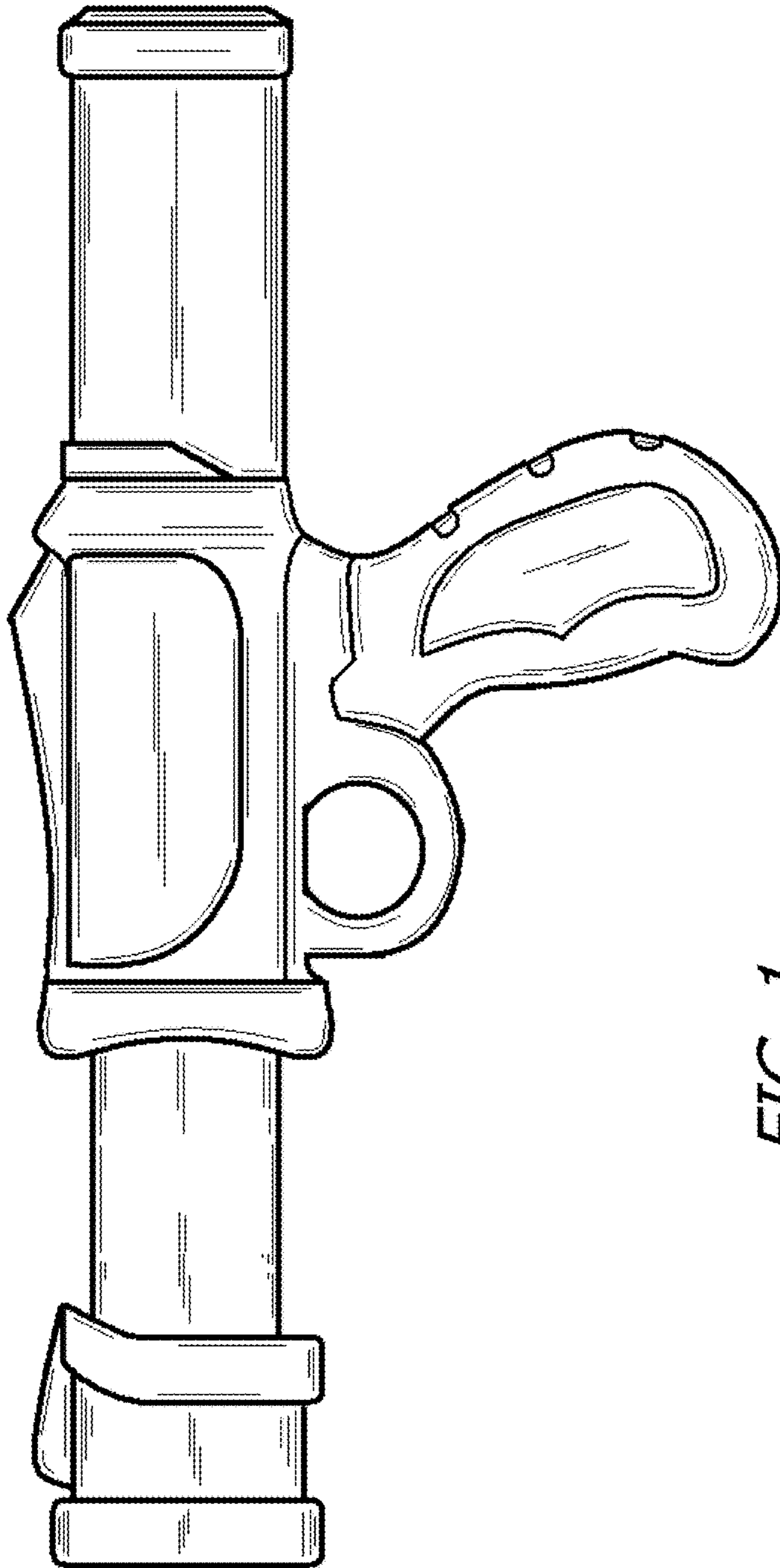


FIG. 1

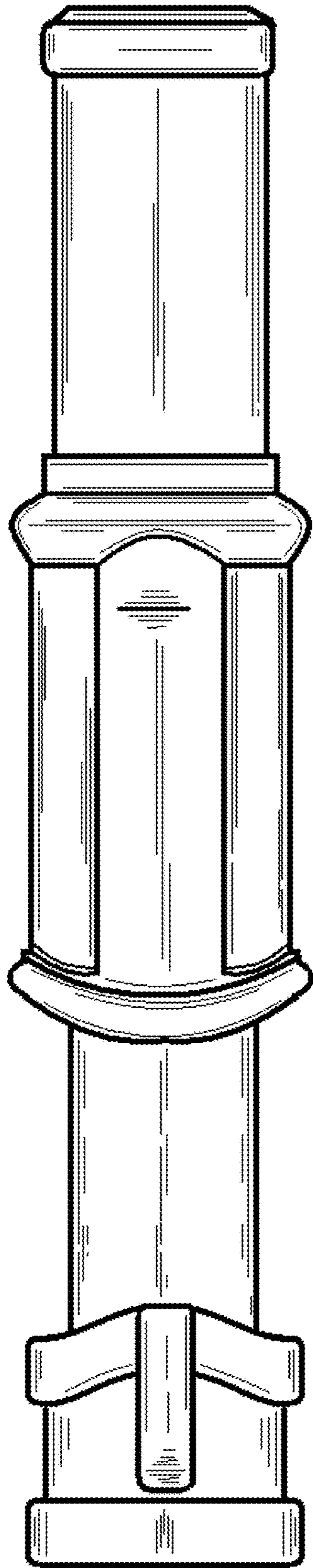


FIG. 2

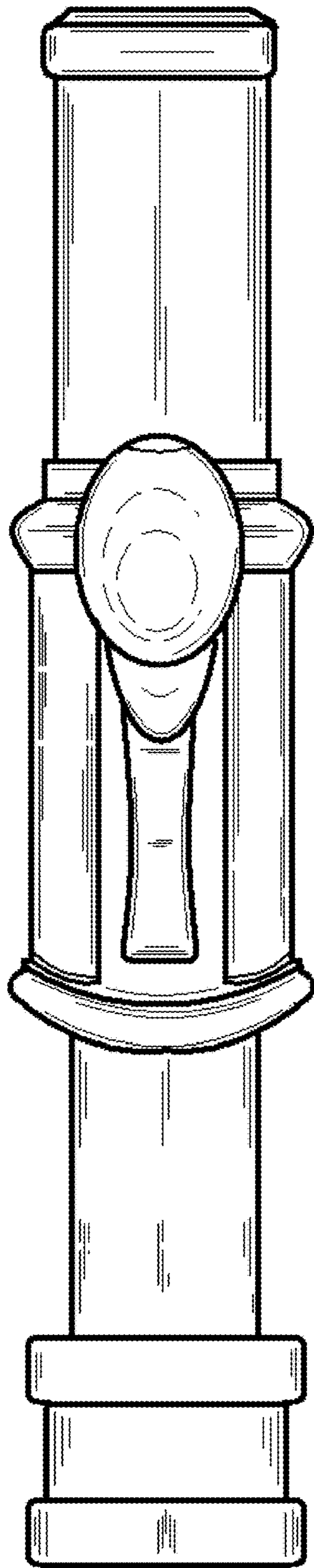


FIG. 3

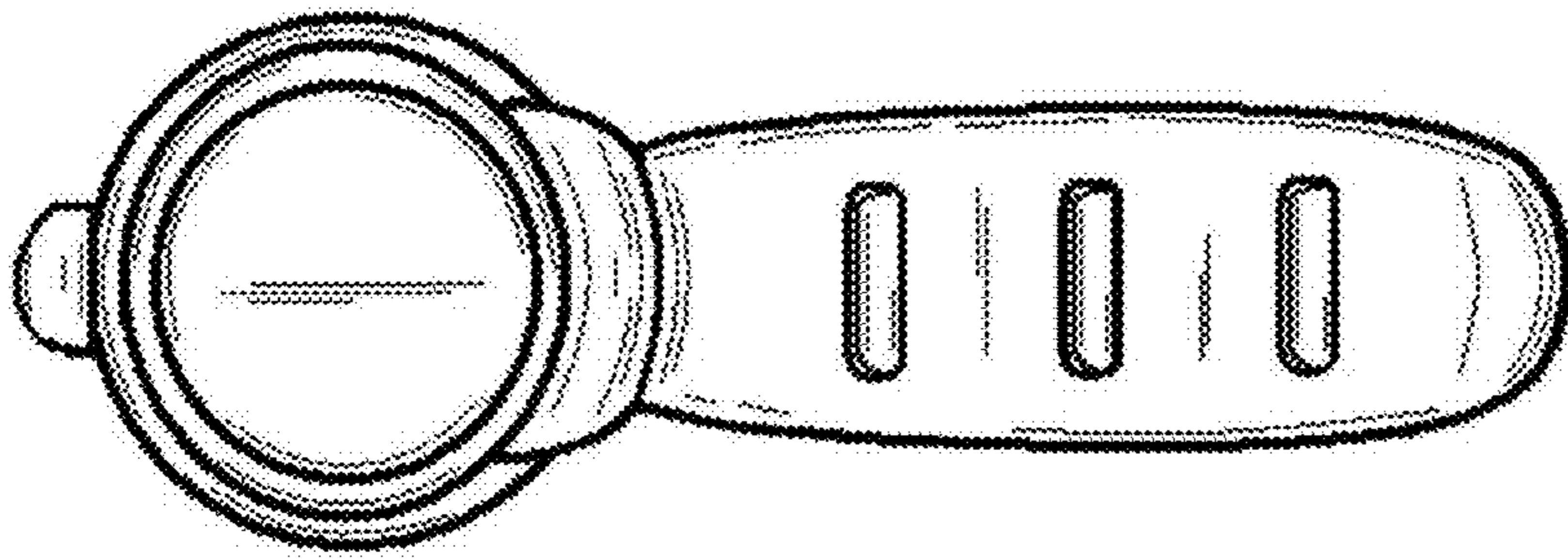


FIG. 5

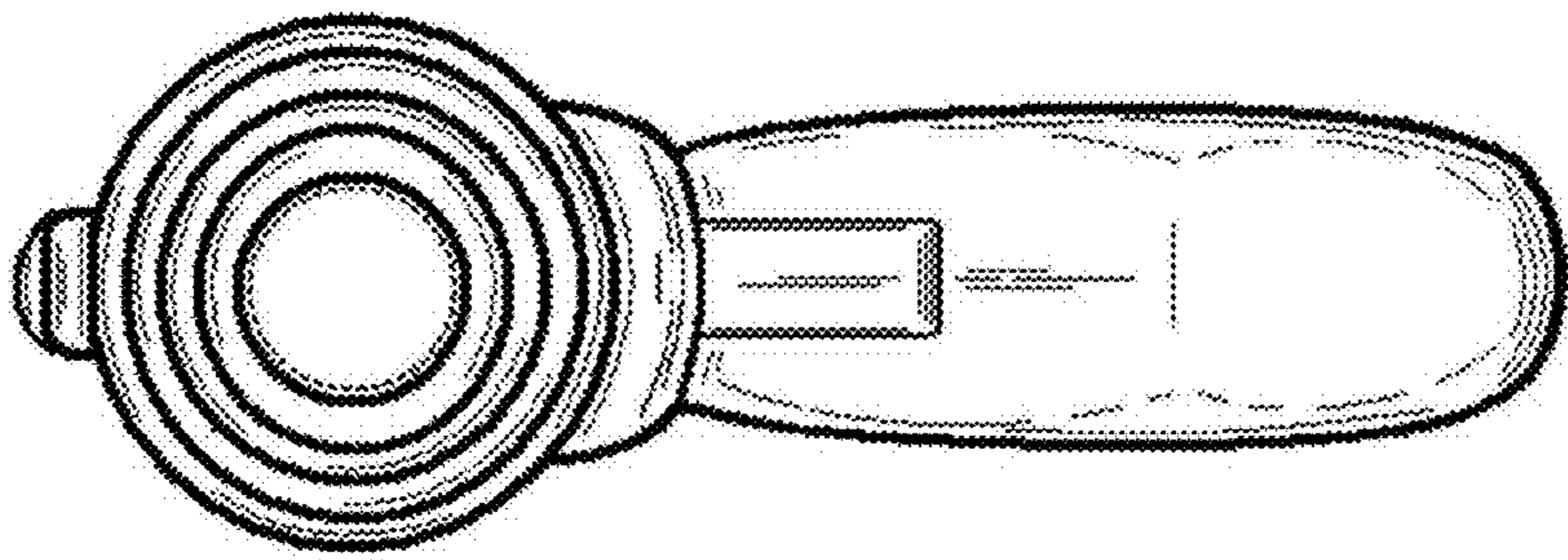


FIG. 4

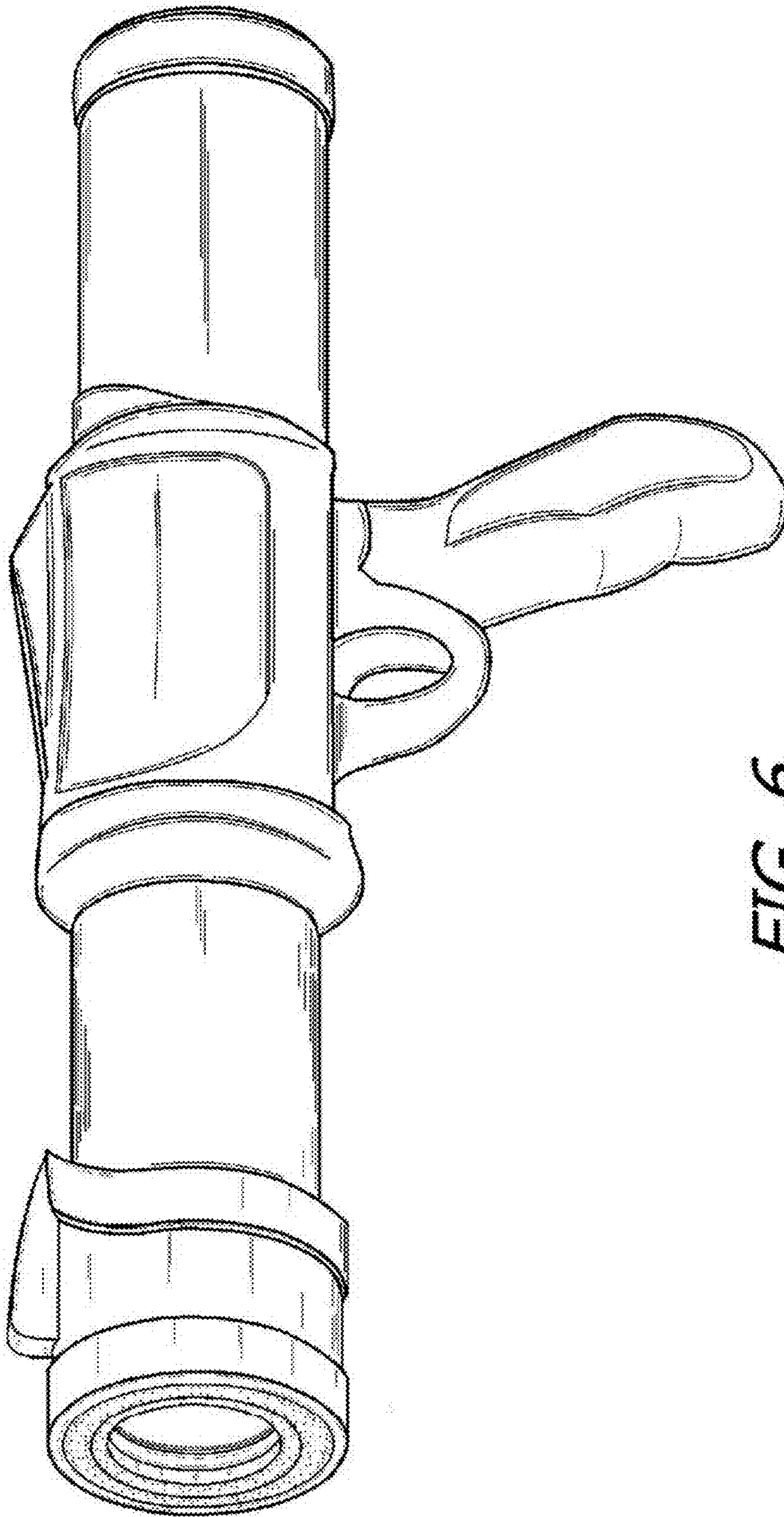


FIG. 6