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(12) **United States Design Patent** (10) **Patent No.:** **US D968,731 S**
Ye (45) **Date of Patent:** **** Nov. 1, 2022**

(54) **DRAIN CLOG REMOVER TOOL**

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

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(51) **LOC (13) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/14**

(58) **Field of Classification Search**
USPC D32/14, 25, 49, 51, 72; D8/14, 387;
D22/108, 137-138, 142; D25/46
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

984,473 A * 2/1911 Cornelius E03F 9/005
15/104.33
1,910,768 A * 5/1933 Hotchkiss, Jr. E03C 1/302
15/104.33

(Continued)

FOREIGN PATENT DOCUMENTS

CN 303463227 * 11/2015
KR 300511287.0000 * 11/2008

OTHER PUBLICATIONS

Bosoirsou Sink Snake Claw Pick up Tool Hair Remover Drain Cleaner Tool, available in Amazon.ca, date first available Jun. 30, 2021 [online], [site visited Sep. 9, 2022], Available from the internet

URL https://www.amazon.ca/Catcher-Remover-BOSOIRSOU-Protectors-Bathroom/dp/B0987Z5LYB/ref=sr_1_52_ssp (Year: 2021).*

(Continued)

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(57) **CLAIM**

The ornamental design for a drain clog remover tool, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a drain clog remover tool showing my new design;
FIG. 2 is another perspective view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a left side elevational view thereof;
FIG. 6 is a right side elevational view thereof;
FIG. 7 is a top plan view thereof;
FIG. 8 is a bottom plan view thereof;
FIG. 9 is an exploded perspective view of the drain clog remover tool;
FIG. 10 is another exploded perspective view of the drain clog remover tool;
FIG. 11 is an enlarged perspective view of a handle of the drain clog remover tool shown separately for ease of illustration;
FIG. 12 is a rear elevational view thereof;
FIG. 13 a top plan view thereof;
FIG. 14 is an enlarged view of portion 14 shown in FIG. 2; and,
FIG. 15 is an enlarged view of portion 15 shown in FIG. 2. The drain clog remover tool is shown with symbolic breaks in its length and the appearance of any portion of the drain clog remover tool between the break lines form no part of the claimed design. The dash-dash broken lines in the drawings depict portions of the drain clog remover tool that form no part of the claimed design. The dot-dash broken

(Continued)



lines represent boundaries of the enlarged portions and form no part of the claimed design.

1 Claim, 15 Drawing Sheets

(58) **Field of Classification Search**

CPC .. B08B 9/02; B08B 9/027; B08B 9/04; B08B 9/045; B65D 83/303; B65D 83/306; E03C 1/26; E03C 1/266; E03C 1/30; E03C 1/302; E03C 1/306; E03F 9/00; E03F 9/002; E03F 9/005; F16L 2101/12

See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

D156,615 S * 12/1949 Fletcher 43/18.1 R
 D222,801 S * 1/1972 Le Roue D22/142
 4,364,140 A * 12/1982 Irwin E03F 9/005
 15/104.33
 D343,224 S * 1/1994 Testa D22/142
 D499,165 S * 11/2004 Jenson D22/142
 D639,623 S * 6/2011 Tash D32/14
 D649,723 S * 11/2011 Zach D32/14
 D649,724 S * 11/2011 Zach D32/14

D652,184 S * 1/2012 Zach D32/14
 8,359,696 B1 * 1/2013 Turner B08B 9/045
 15/104.03
 9,670,656 B2 * 6/2017 Rutkowski F16D 1/112
 D849,341 S * 5/2019 Fan D32/14
 D899,017 S 10/2020 Najimi
 D901,794 S 11/2020 Schutte et al.
 10,857,577 B2 * 12/2020 Turner E03C 1/302
 D943,225 S * 2/2022 Wilsey D32/14
 11,346,098 B2 * 5/2022 Krondorfer E03C 1/302
 2008/0276359 A1 * 11/2008 Morgan E03C 1/304
 4/255.04
 2020/0354944 A1 * 11/2020 Gwen B08B 9/0436

OTHER PUBLICATIONS

FlexiSnake Drain Hair Clog Remover Tool with Rotating Handle, available in Amazon.com, date first available Jun. 10, 2019 [online], [site visited Sep. 9, 2022], Available from the internet URL: https://www.amazon.com/dp/B07QH8GL24/ref=sspa_dk_detail_3 (Year: 2019).*

Founder Drain Clog Remover Tool, available in Amazon.com, date first available Nov. 1, 2017 [online], [site visited Sep. 9, 2022], Available from the internet URL: https://www.amazon.com/Catcher-Pipeline-Cleaner-Cleaning-Bathroom/dp/B0772SYK3S/ref=asc_df_B0772SYK3S/ (Year: 2017).*

* cited by examiner

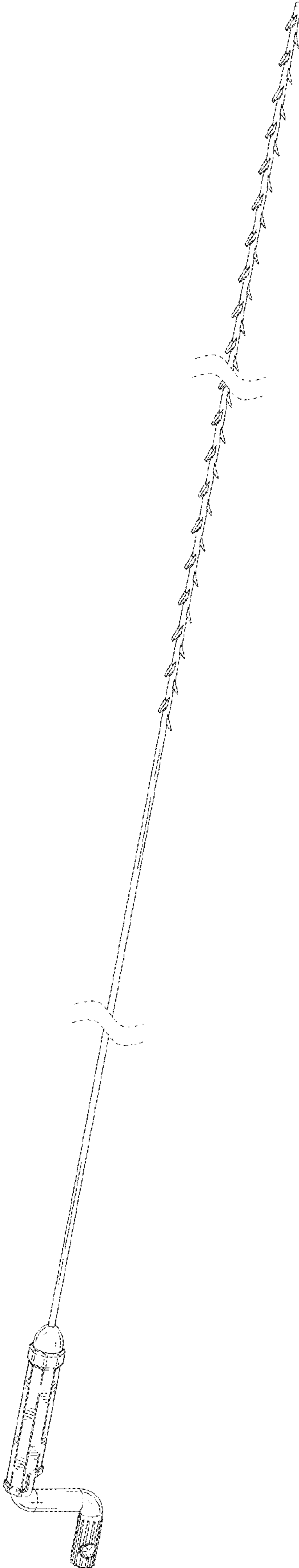


FIG. 1



FIG. 2

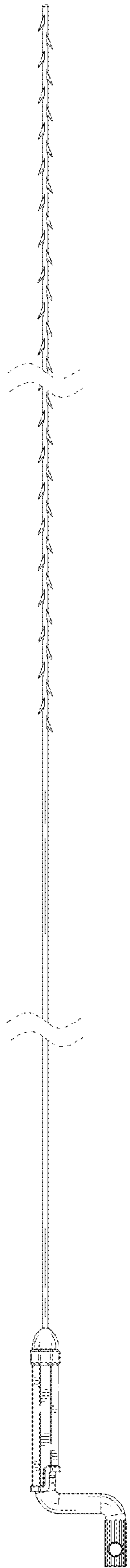


FIG. 3

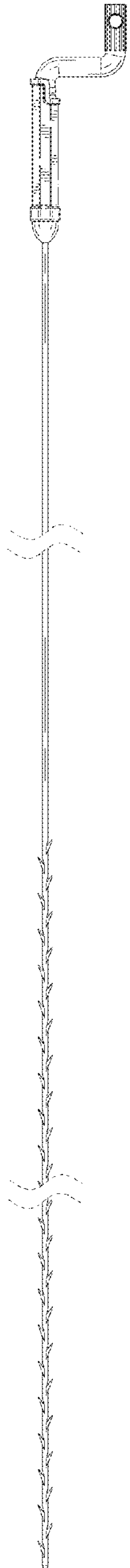


FIG. 4

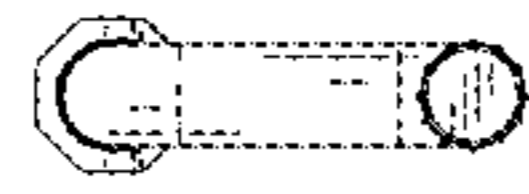


FIG. 5

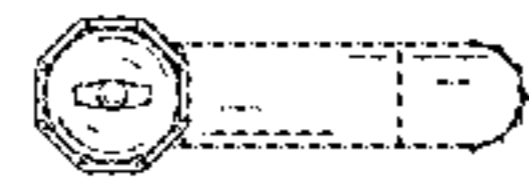


FIG. 6

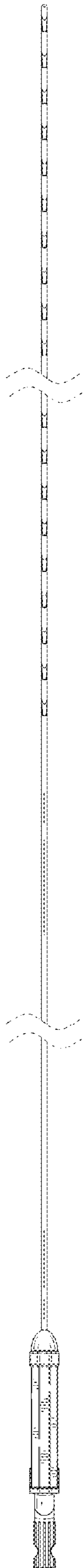


FIG. 7

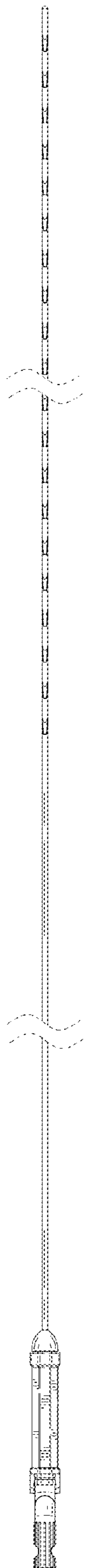


FIG. 8

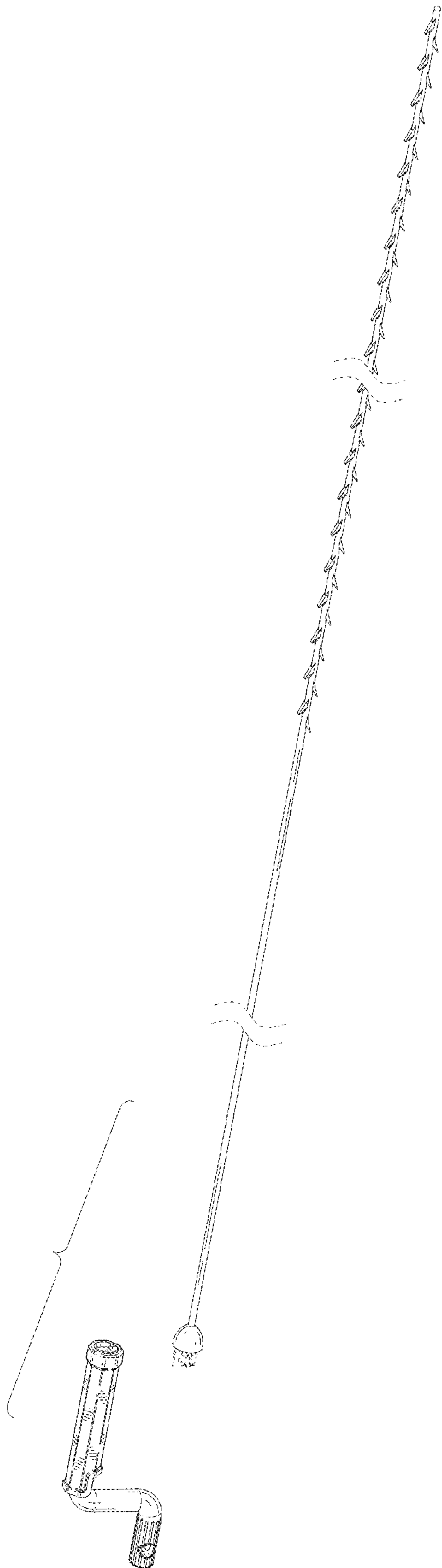


FIG. 9

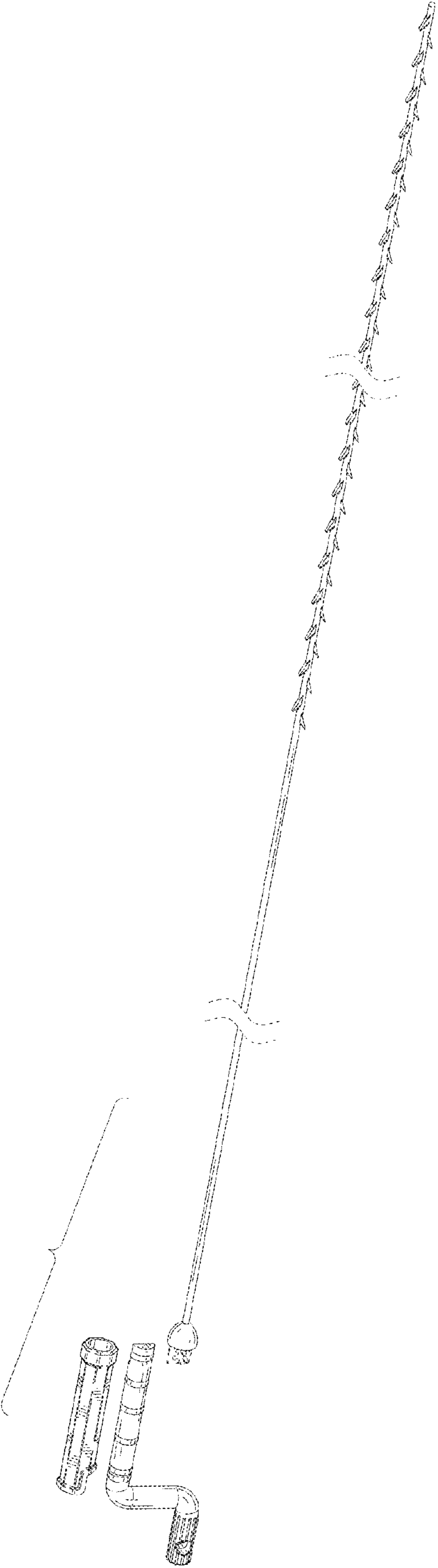


FIG. 10

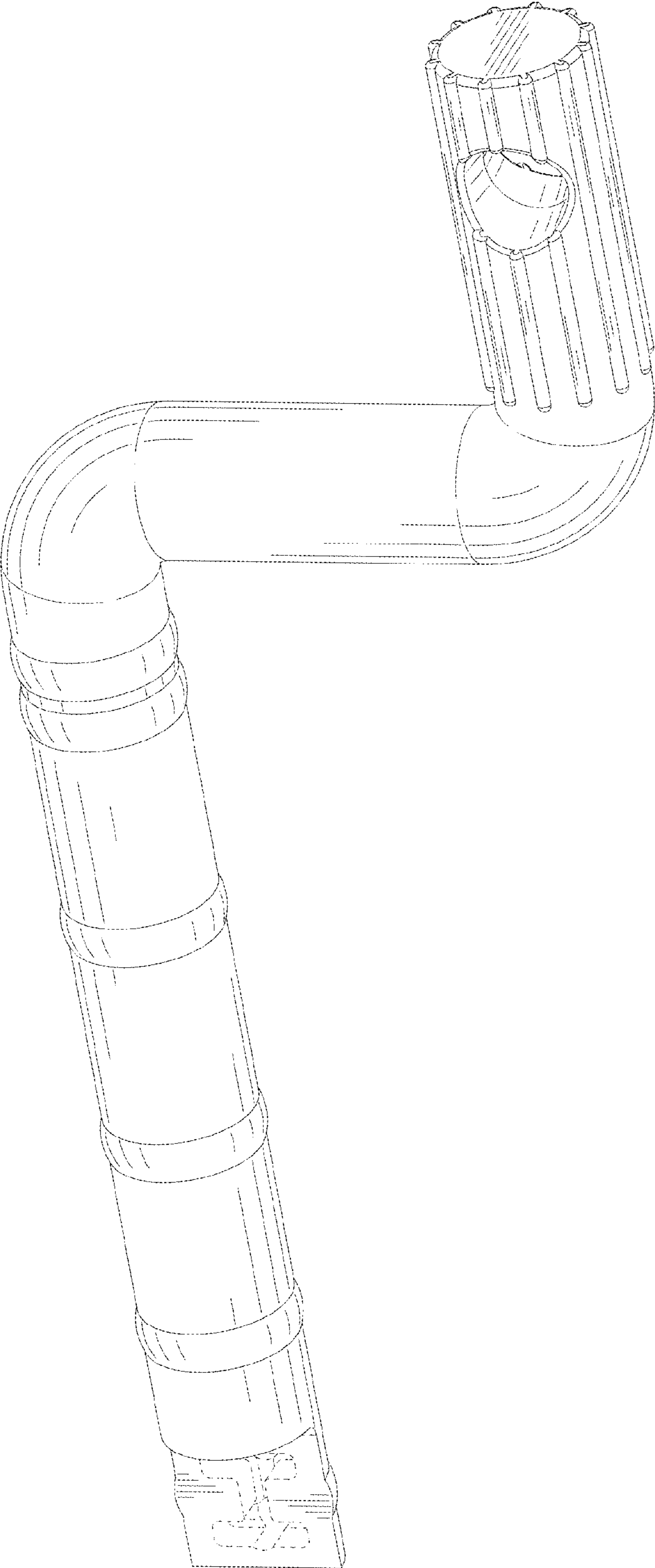


FIG. 11

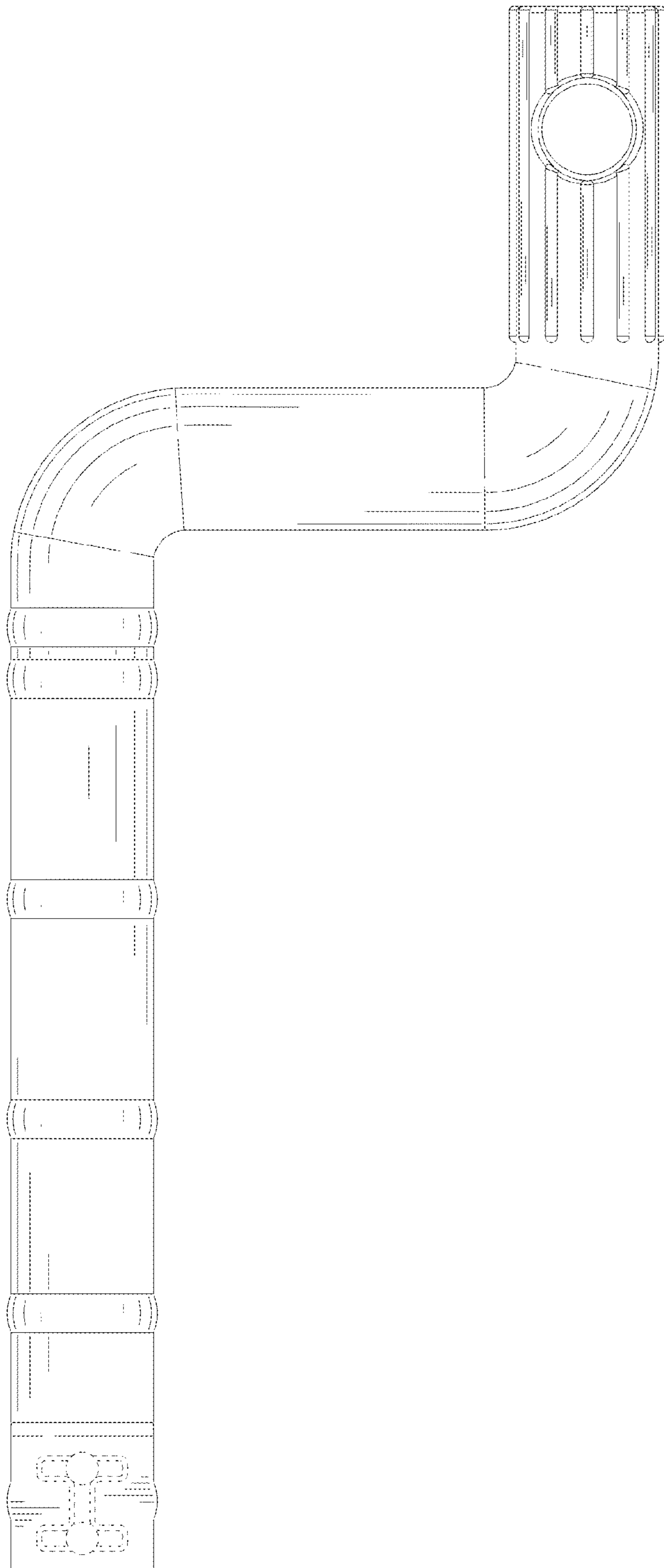


FIG. 12

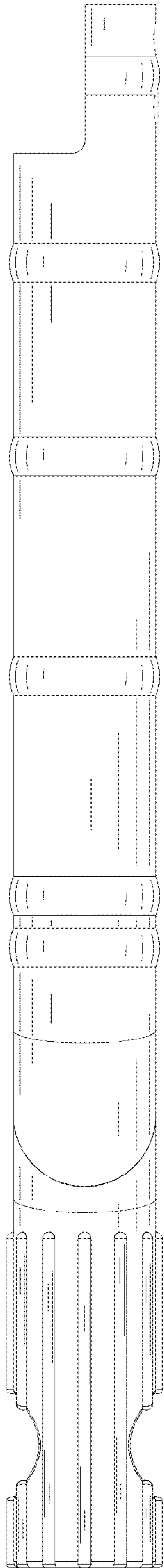


FIG. 13



FIG. 14

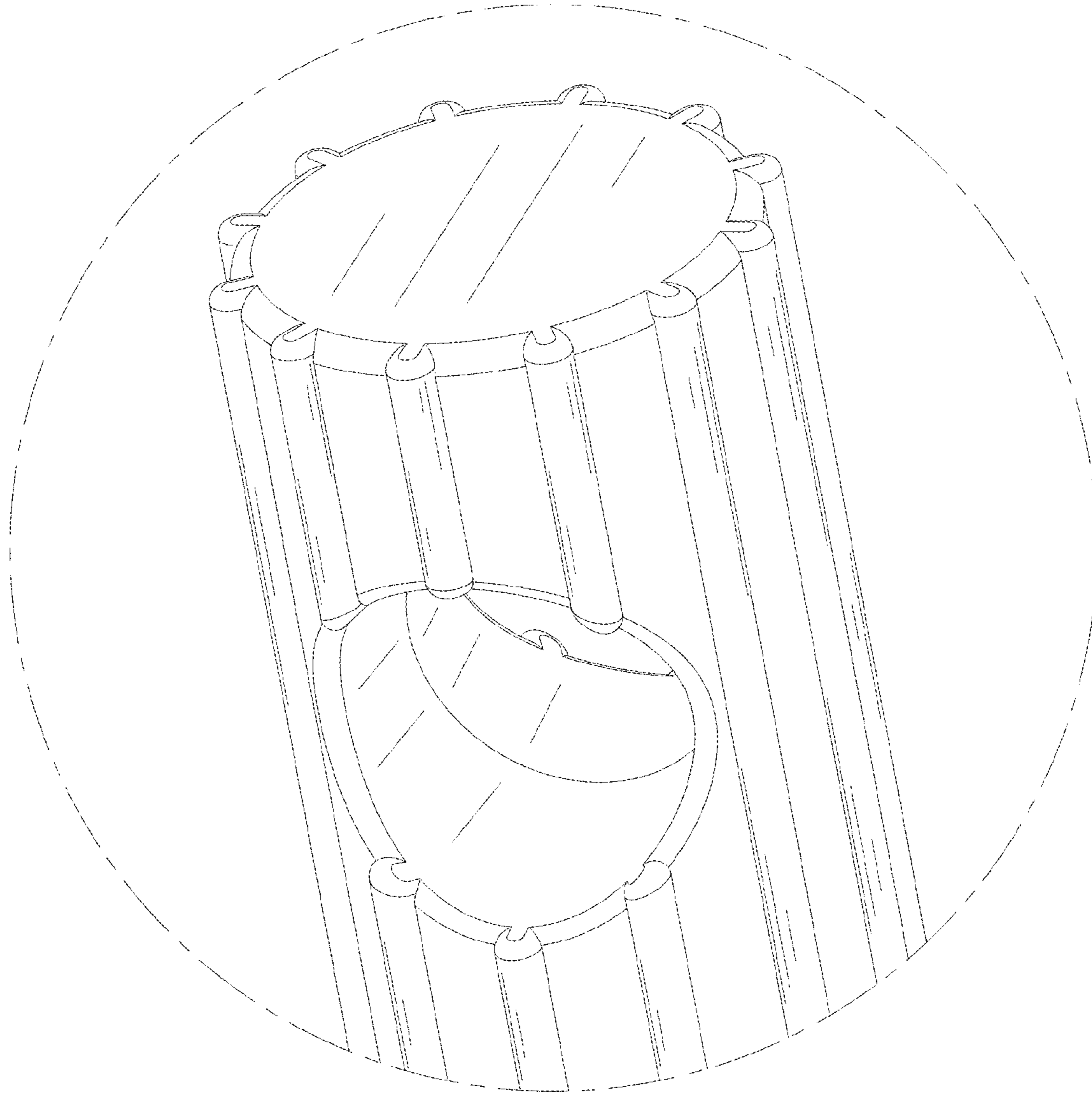


FIG. 15