

US00D936921S

(12) **United States Design Patent** (10) **Patent No.:** **US D936,921 S**
Liu (45) **Date of Patent:** **** Nov. 23, 2021**

(54) **VACUUM CLEANER**

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(72) Inventor: **Zunsheng Liu**, Shenzhen (CN)

(73) Assignee: **Aukey Technology Co., Ltd.**, Shenzhen (CN)

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

(21) Appl. No.: **29/737,829**

(22) Filed: **Jun. 12, 2020**

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

(52) **U.S. Cl.**
USPC **D32/18**

(58) **Field of Classification Search**

USPC D32/17-25, 31-34
CPC A47L 7/00; A47L 9/02; A47L 5/28; A47L 9/102; A47L 9/1608; A47L 9/1683; A47L 5/30; A47L 9/00; A47L 9/04; A47L 9/0422; A47L 9/0461; A47L 9/06; A47L 9/0488; A47L 11/00; A47L 11/20; A47L 11/22; A47L 11/24; A47L 11/32; A47L 11/302; A47L 11/40; E04H 4/1609; E04H 4/1618; E04H 4/1636
See application file for complete search history.

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(Continued)

Primary Examiner — Kimberly Barnes

(57) **CLAIM**

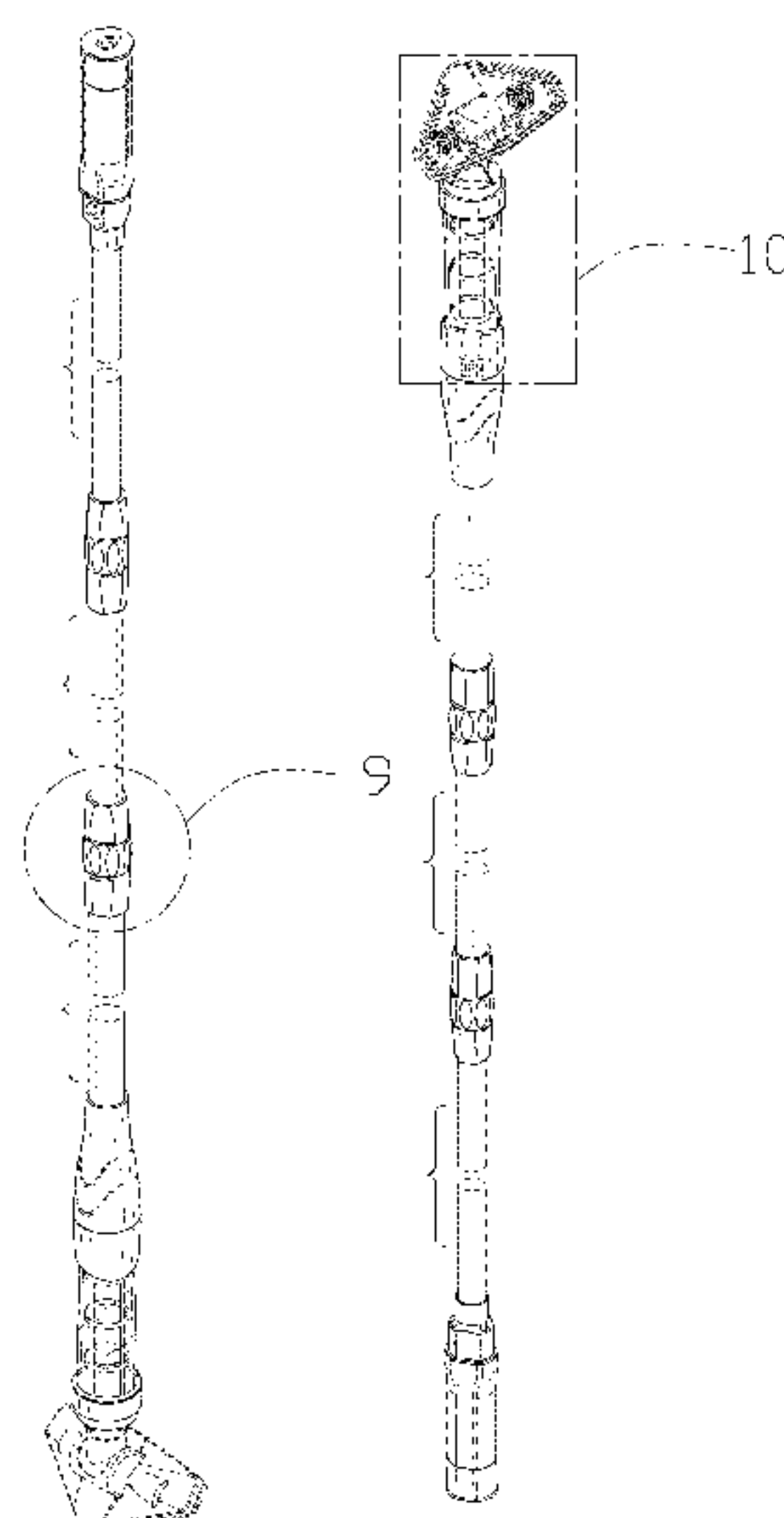
The ornamental design for a vacuum cleaner, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an ornamental design for a vacuum cleaner showing my new design;
FIG. 2 is a perspective view viewed from another angle thereof;
FIG. 3 is a front elevation view thereof;
FIG. 4 is a rear elevation view thereof;
FIG. 5 is a left side elevation view thereof;
FIG. 6 is a right side elevation view thereof;
FIG. 7 is an enlarged top plan view thereof;
FIG. 8 is an enlarged bottom plan view thereof;
FIG. 9 is an enlarged view of the area “9” shown in FIG. 1; and,
FIG. 10 is an enlarged view of the area “10” shown in FIG. 2.

The broken lines in the figures are for environmental purpose only and form no part of the claimed design.
The vacuum cleaner is shown with a symbolic break in its length. The appearance of any portion of the vacuum cleaner between the break lines forms no part of the claimed design. Any shading is not a feature of the design but is utilized to illustrate the surface contours of the vacuum cleaner in the drawings.

1 Claim, 10 Drawing Sheets



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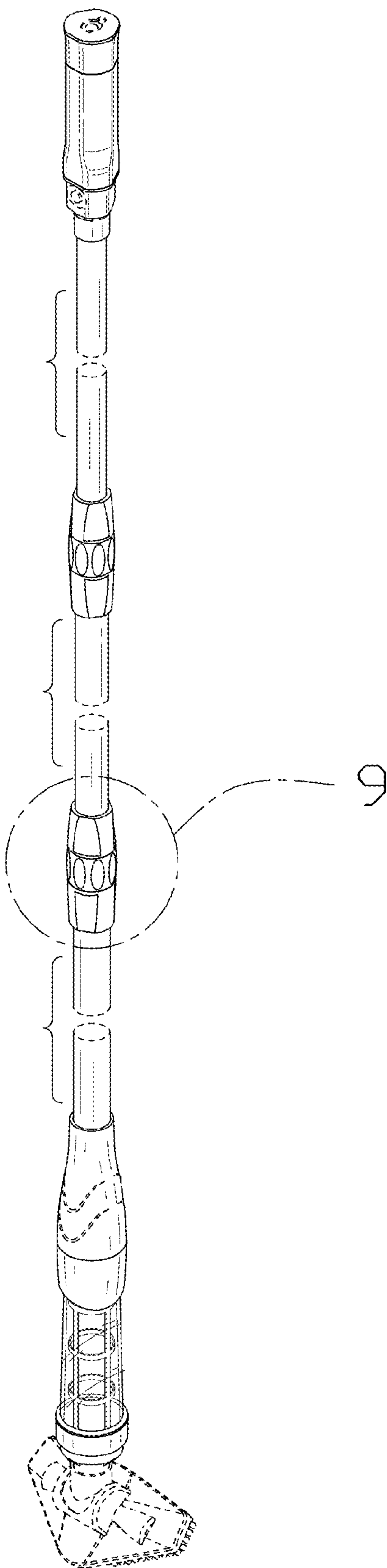


FIG. 1

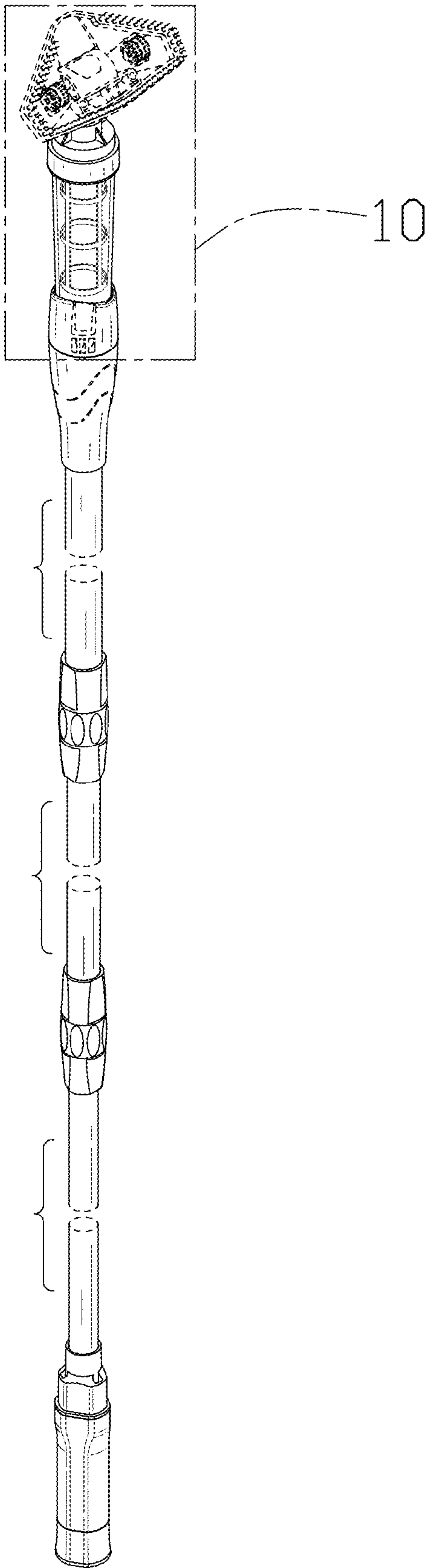


FIG. 2

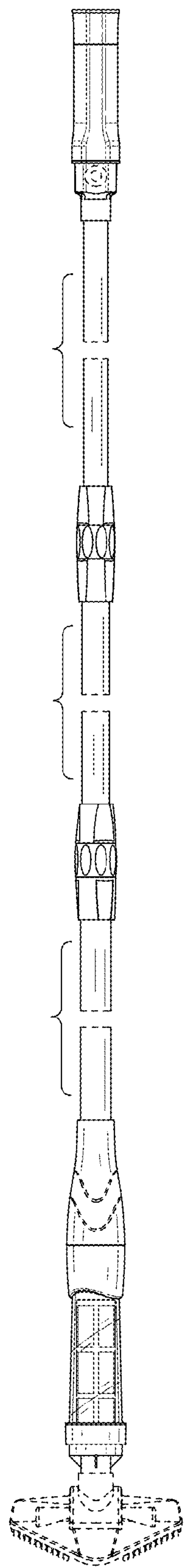


FIG. 3

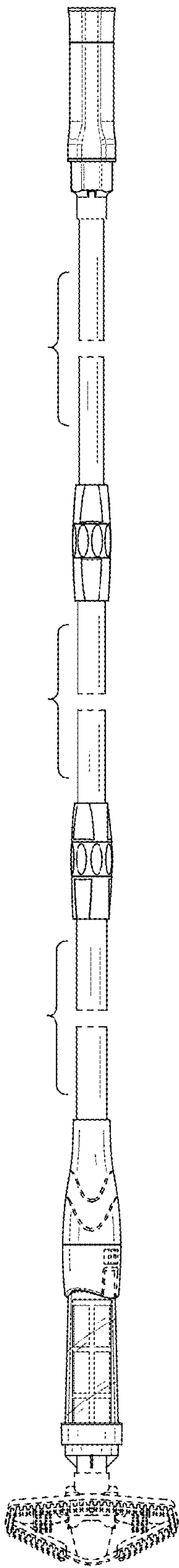


FIG. 4

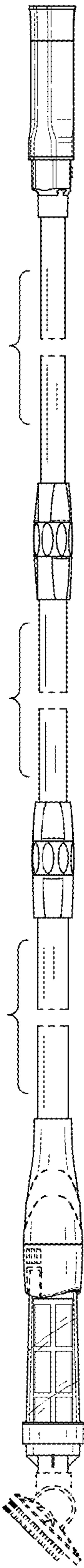


FIG. 5

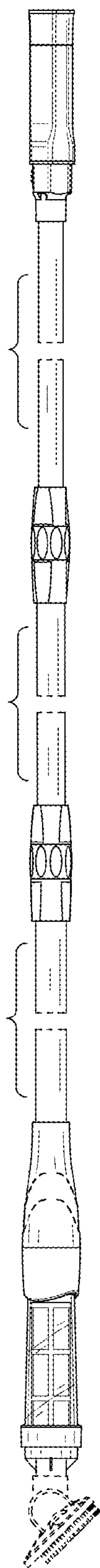


FIG. 6

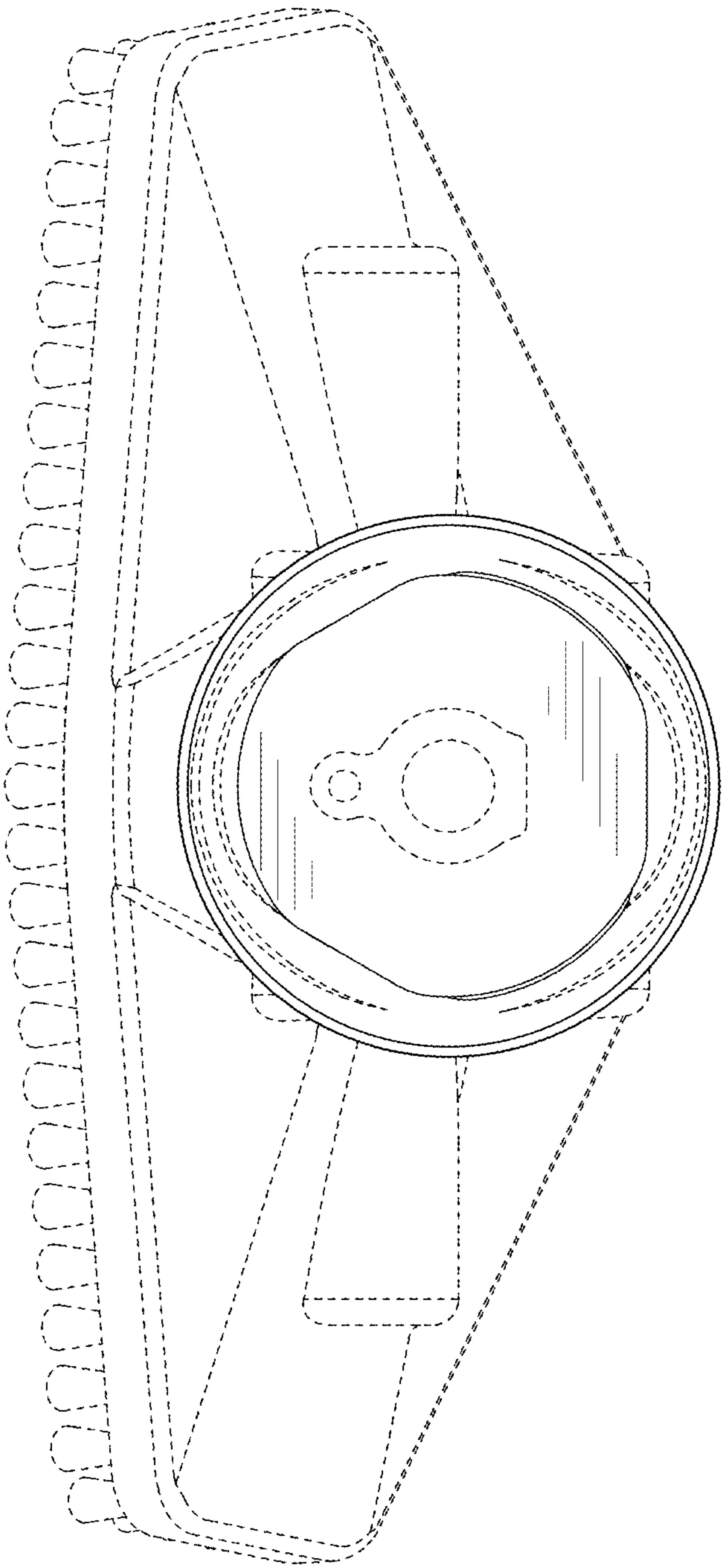


FIG. 7

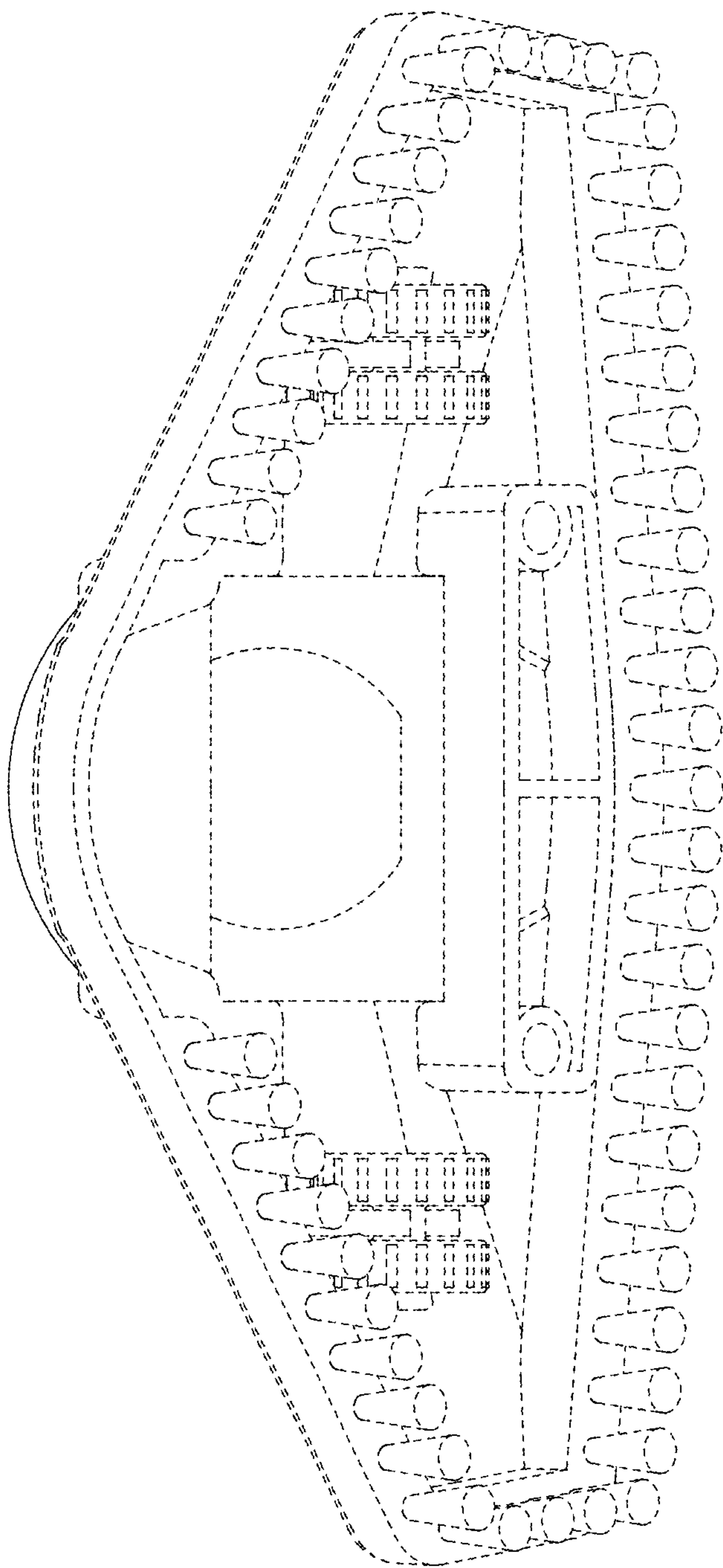


FIG. 8

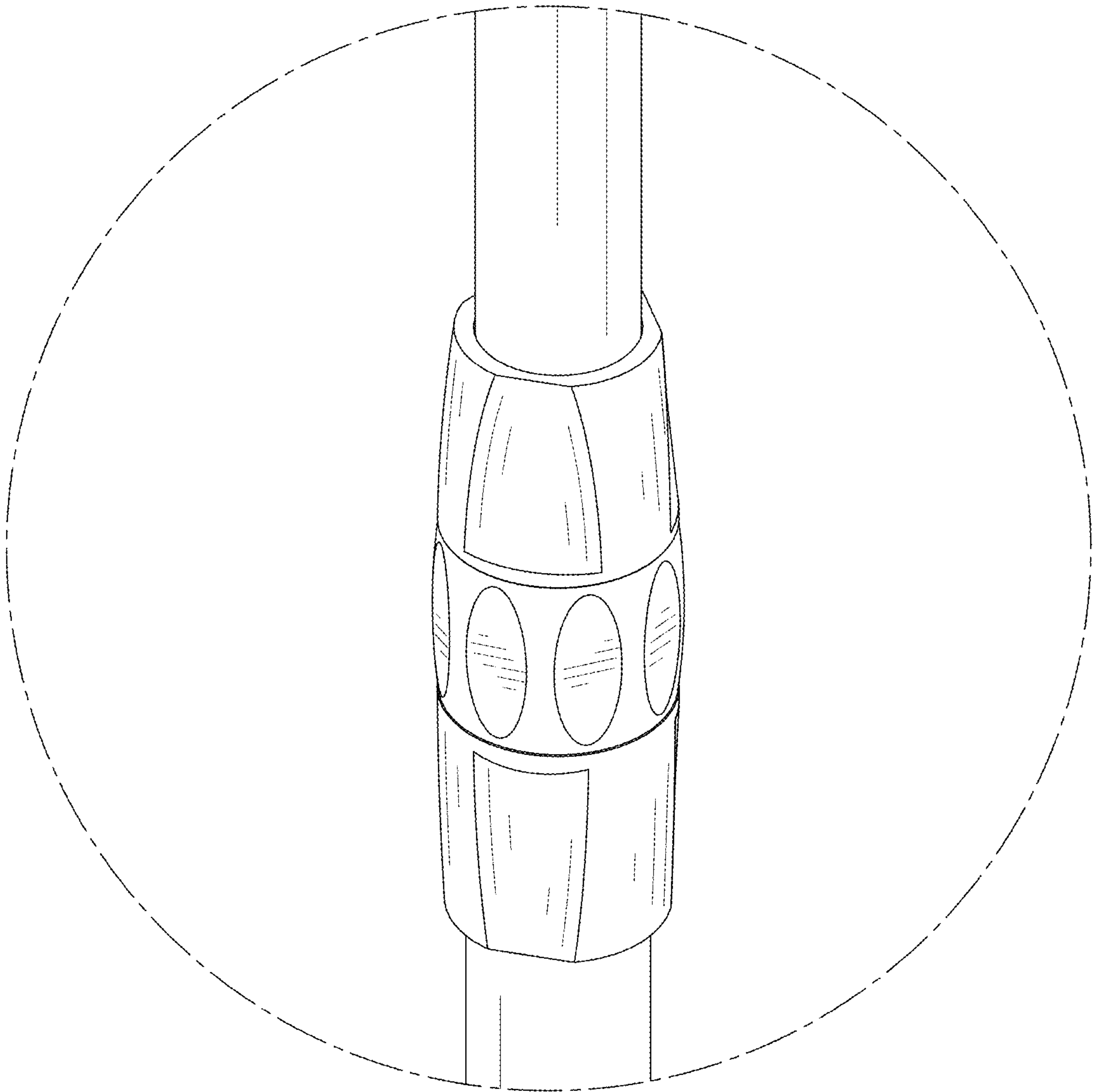


FIG. 9

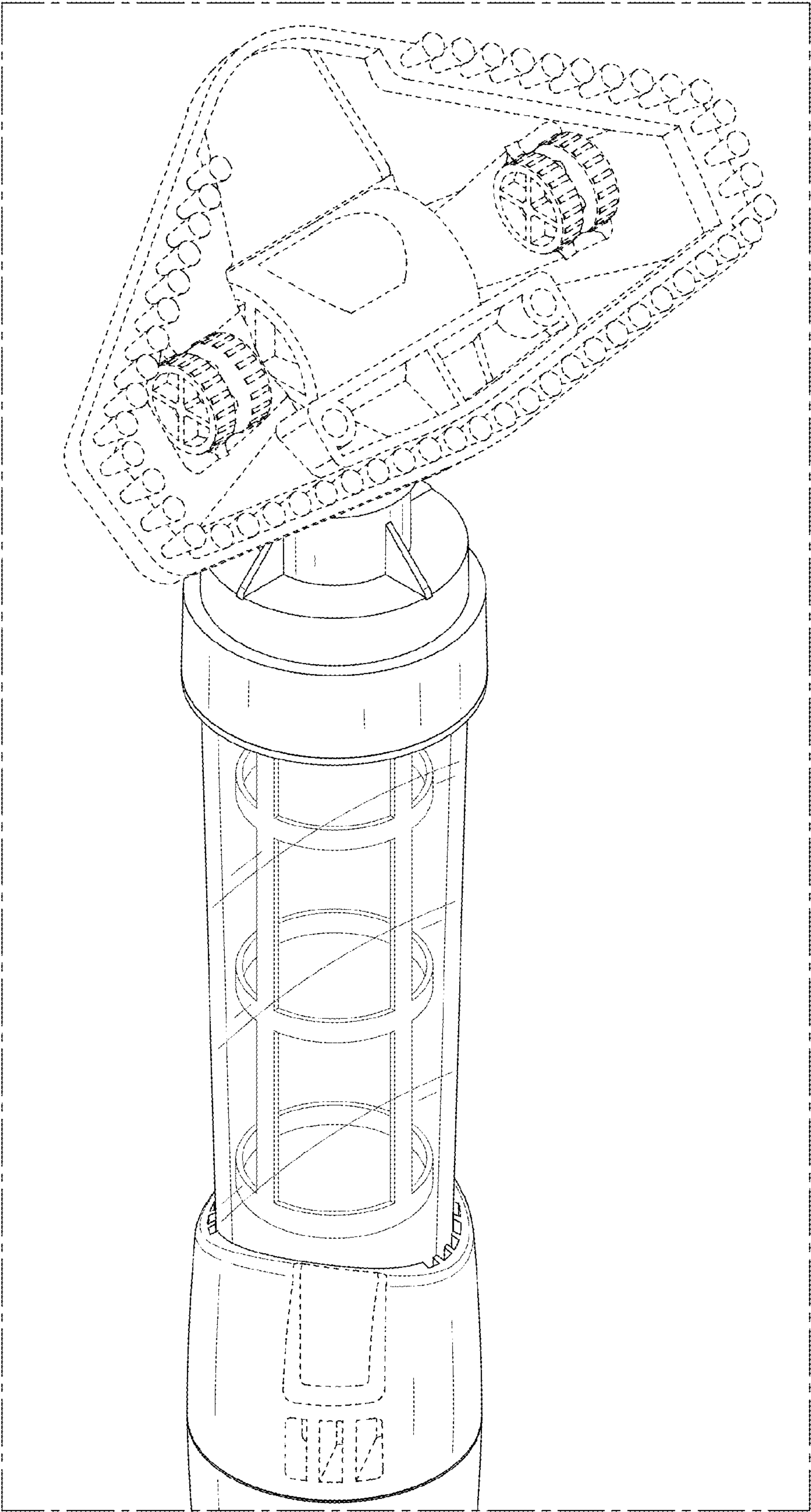


FIG. 10