

US00D972085S

(12) **United States Design Patent**  
**Fang**

(10) **Patent No.:** **US D972,085 S**

(45) **Date of Patent:** **\*\* Dec. 6, 2022**

(54) **FOAM SPRAYER**

(71) Applicant: **Taizhou Xiaojing Trading Co., Ltd.**,  
Zhejiang (CN)

(72) Inventor: **Jie Fang**, Zhejiang (CN)

(73) Assignee: **Taizhou Xiaojing Trading Co., Ltd.**,  
Zhejiang (CN)

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

(21) Appl. No.: **29/821,942**

(22) Filed: **Jan. 4, 2022**

(51) **LOC (13) Cl.** ..... **23-01**

(52) **U.S. Cl.**  
USPC ..... **D23/226**

(58) **Field of Classification Search**  
USPC ..... D23/211, 212, 213, 214, 223, 224, 225,  
D23/226, 229  
CPC ..... B05B 1/16; B05B 1/1618; B05B 7/0018;  
B05B 7/0093; B05B 7/02; B05B 7/12;  
B05B 7/2402; B05B 7/2416; B05B  
7/2478; B05B 9/01; B05B 9/0894; B05B  
12/002

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D100,375 S *	7/1936	Jepson	.....	D23/225
D318,317 S *	7/1991	Norman	.....	D23/225
D322,838 S *	12/1991	Hagedorn	.....	D23/225
D432,372 S *	10/2000	Iaciofano	.....	D8/2
D543,607 S *	5/2007	Meyhoefer	.....	D23/225
7,237,728 B1 *	7/2007	Laible	.....	B05B 7/2443 239/347
D742,999 S *	11/2015	Moya	.....	D23/225
D743,001 S *	11/2015	Moya	.....	D23/225
D761,937 S *	7/2016	Popek	.....	D23/225
D772,380 S *	11/2016	Fontaine	.....	D23/225
D809,097 S *	1/2018	Bates	.....	D23/225
D827,773 S *	9/2018	Schneider	.....	D23/225

(Continued)

**OTHER PUBLICATIONS**

ITISLL Manual Garden Sprayer, Jul. 21, 2020, Amazon, site visited Oct. 20, 2022: <https://www.amazon.com/dp/B07VLWCG3N/> (Year: 2020).\*

(Continued)

*Primary Examiner* — Eric L Goodman

*Assistant Examiner* — Bobby W Jones, II

(74) *Attorney, Agent, or Firm* — ScienBiziP, P.C.

(57) **CLAIM**

The ornamental design for a foam sprayer, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, right, and top perspective view of a foam sprayer, showing my design.

FIG. 2 is a rear, left, and bottom perspective view 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 a top plan view thereof.

FIG. 8 is a bottom plan view thereof.

FIG. 9 is a partial enlarged view of an area labeled 9 in FIG. 1 comprising a pump.

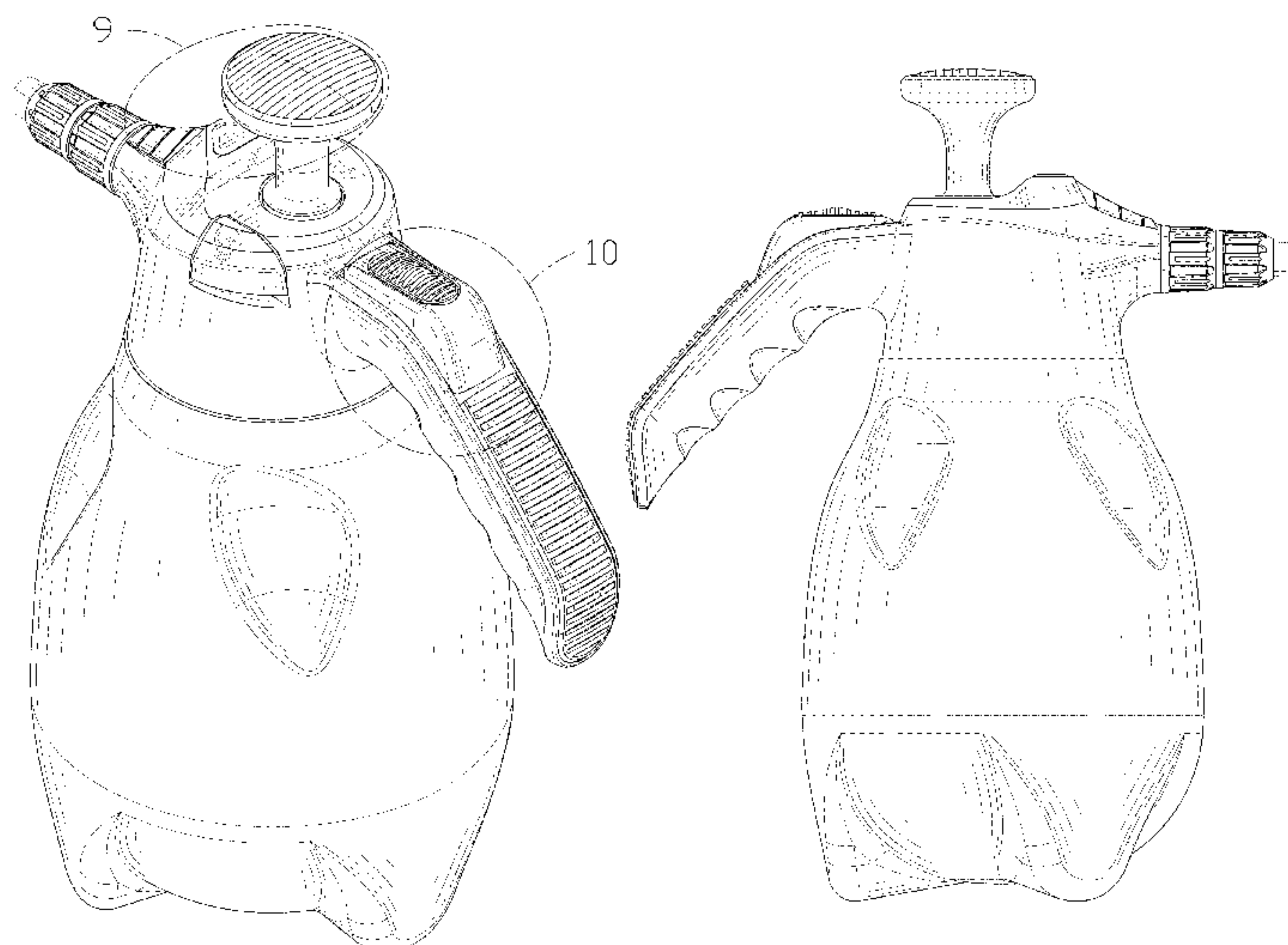
FIG. 10 is a partial enlarged view of an area labeled 10 in FIG. 1 comprising a handle; and,

FIG. 11 is a partial enlarged view of an area labeled 11 in FIG. 2 comprising an injector.

The broken lines shown in the drawings are included for the purpose of illustrating portions of the foam sprayer that form no part of the claimed design.

Dot-dash broken lines framing portions of the claimed design that are illustrated for enlargements form no part of the claimed design.

**1 Claim, 11 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D827,774 S \* 9/2018 Schneider ..... D23/225  
D827,775 S 9/2018 Schneider  
D827,776 S 9/2018 Schneider  
10,259,002 B1 \* 4/2019 Kuo ..... B05B 7/2459  
D918,341 S \* 5/2021 Wang ..... D23/225  
D930,113 S \* 9/2021 Dubiel ..... D23/213  
D944,361 S \* 2/2022 Nguyen ..... D23/213  
D963,112 S \* 9/2022 Duan ..... D23/225  
2002/0046969 A1 \* 4/2002 Bartsch ..... B01J 47/026  
210/259  
2017/0120266 A1 \* 5/2017 Fu ..... B05B 7/064  
2021/0154690 A1 \* 5/2021 Chen ..... B05B 7/12  
2022/0234809 A1 \* 7/2022 Yen ..... B65D 83/682  
2022/0297145 A1 \* 9/2022 Lo ..... B05B 7/0425

OTHER PUBLICATIONS

Chapin International 1002, Oct. 2, 2018, Amazon, site visited Oct. 20, 2022: <https://www.amazon.com/dp/B00002N8OB/> (Year: 2018).\*

\* cited by examiner

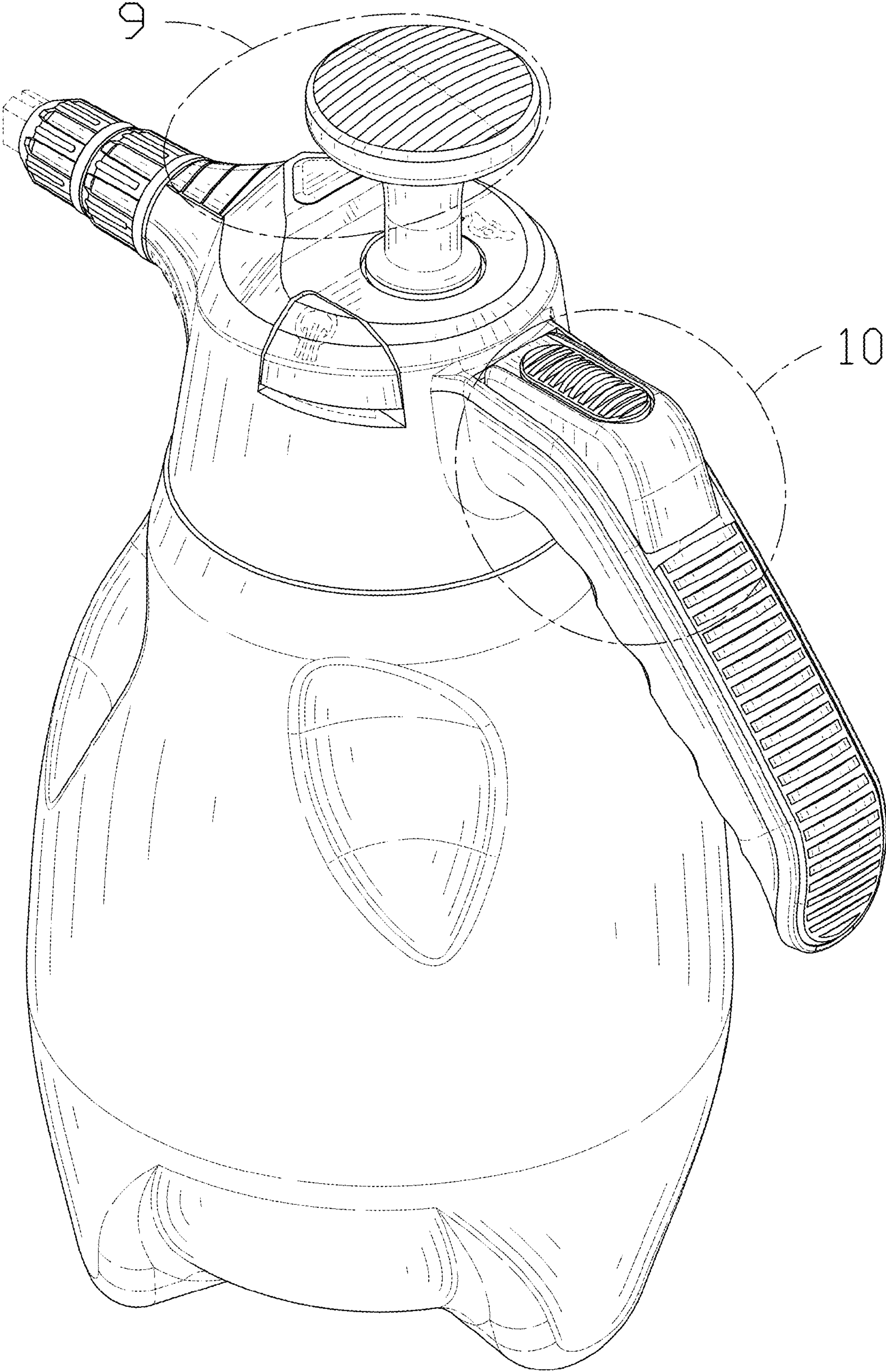


FIG. 1



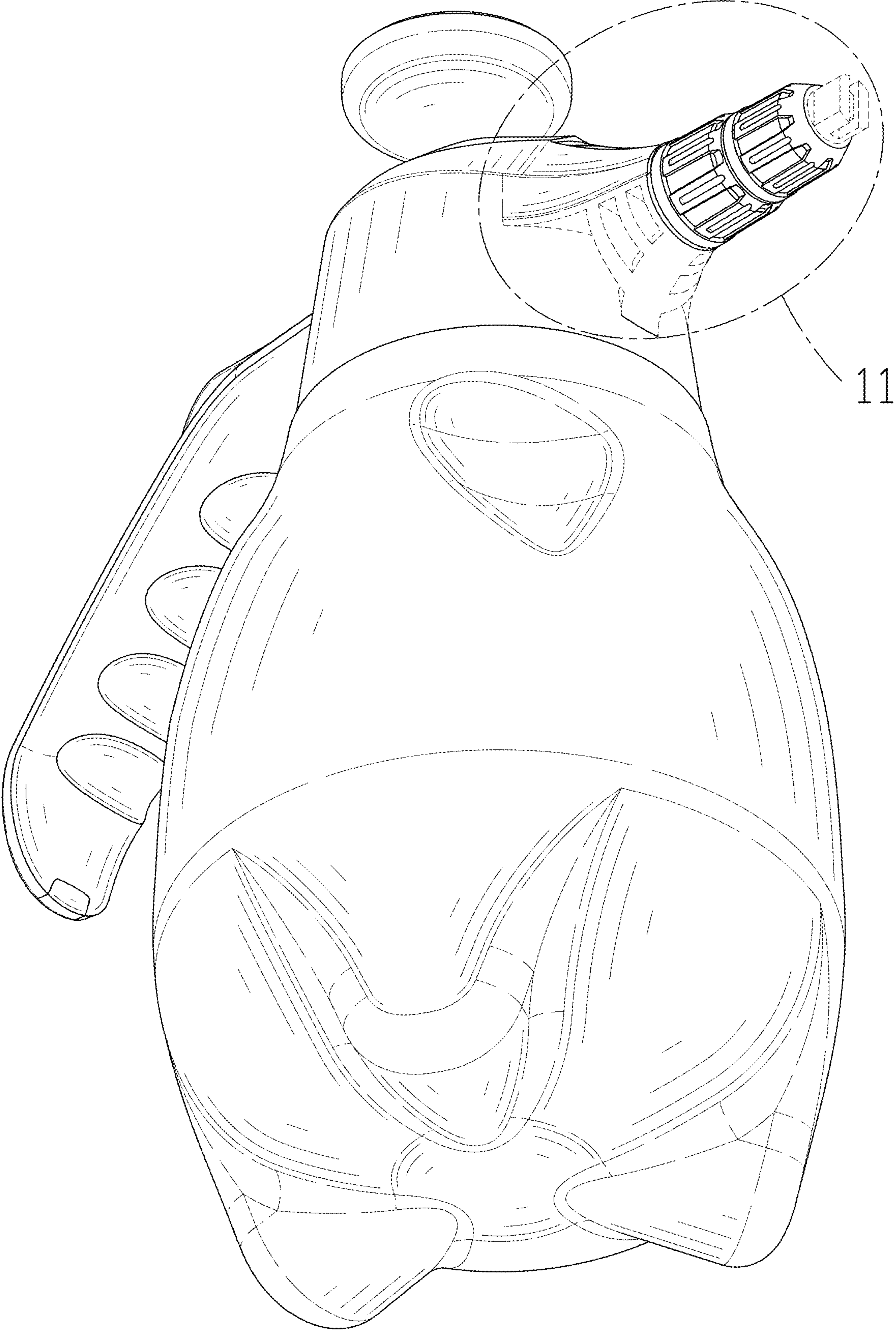


FIG. 2

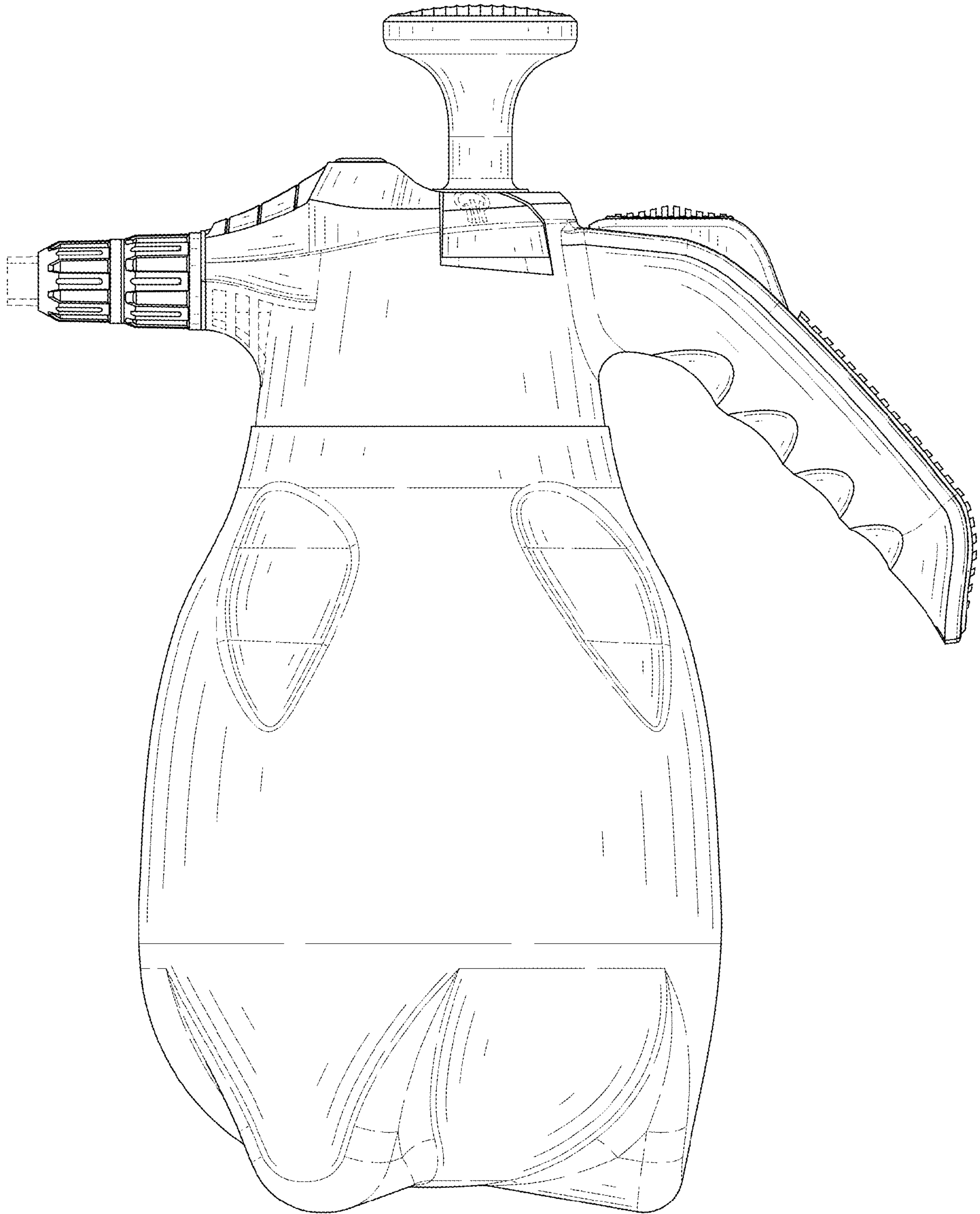


FIG. 3

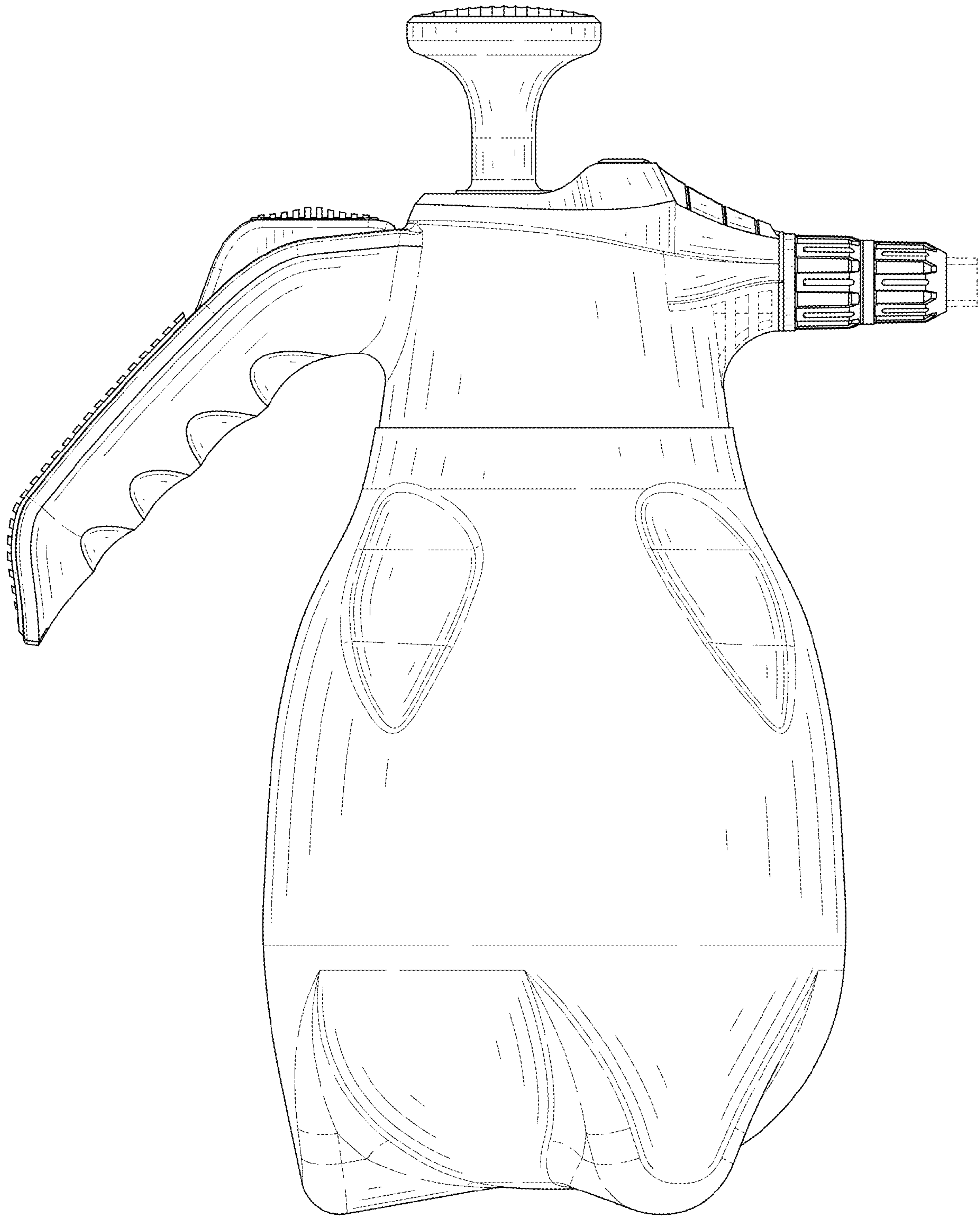


FIG. 4

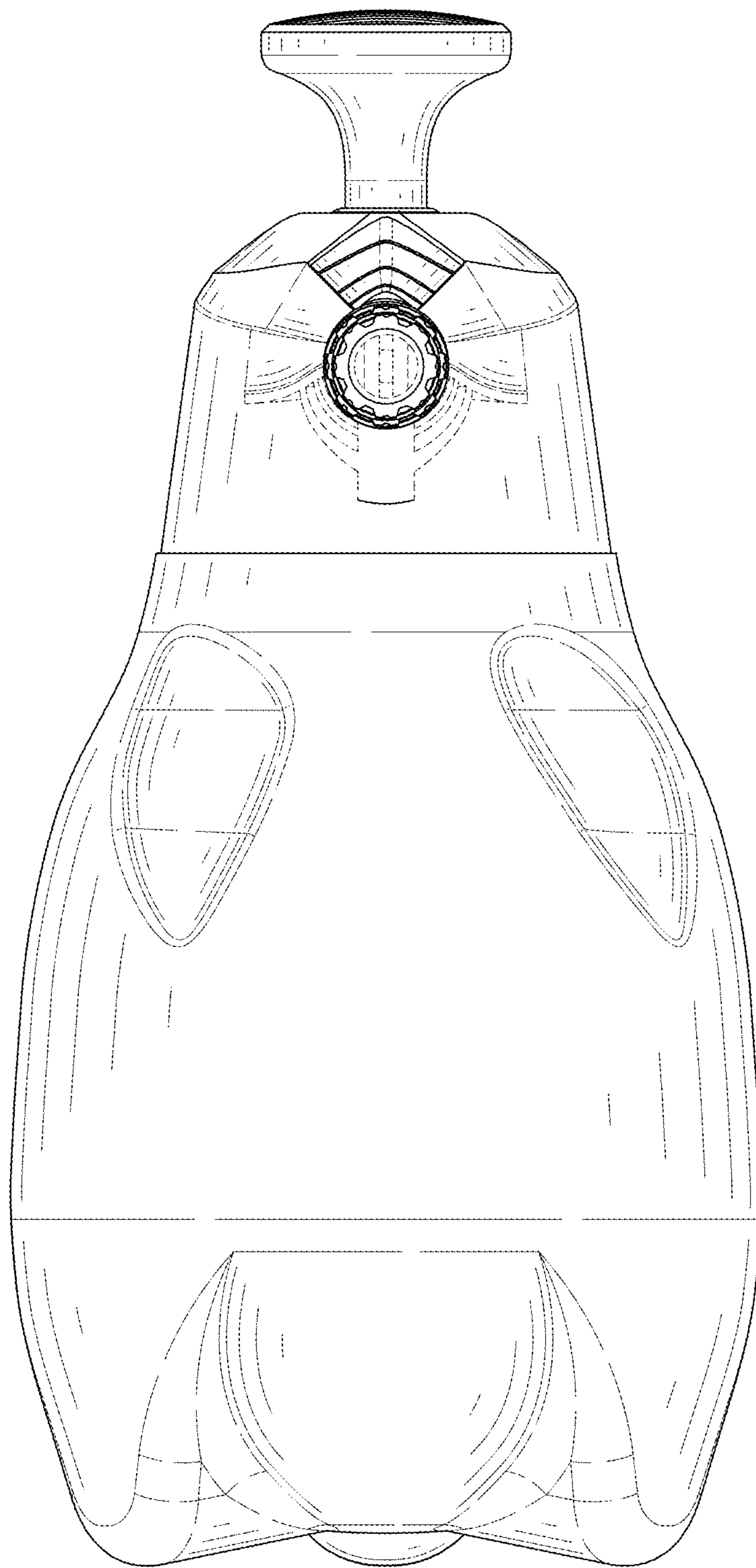


FIG. 5



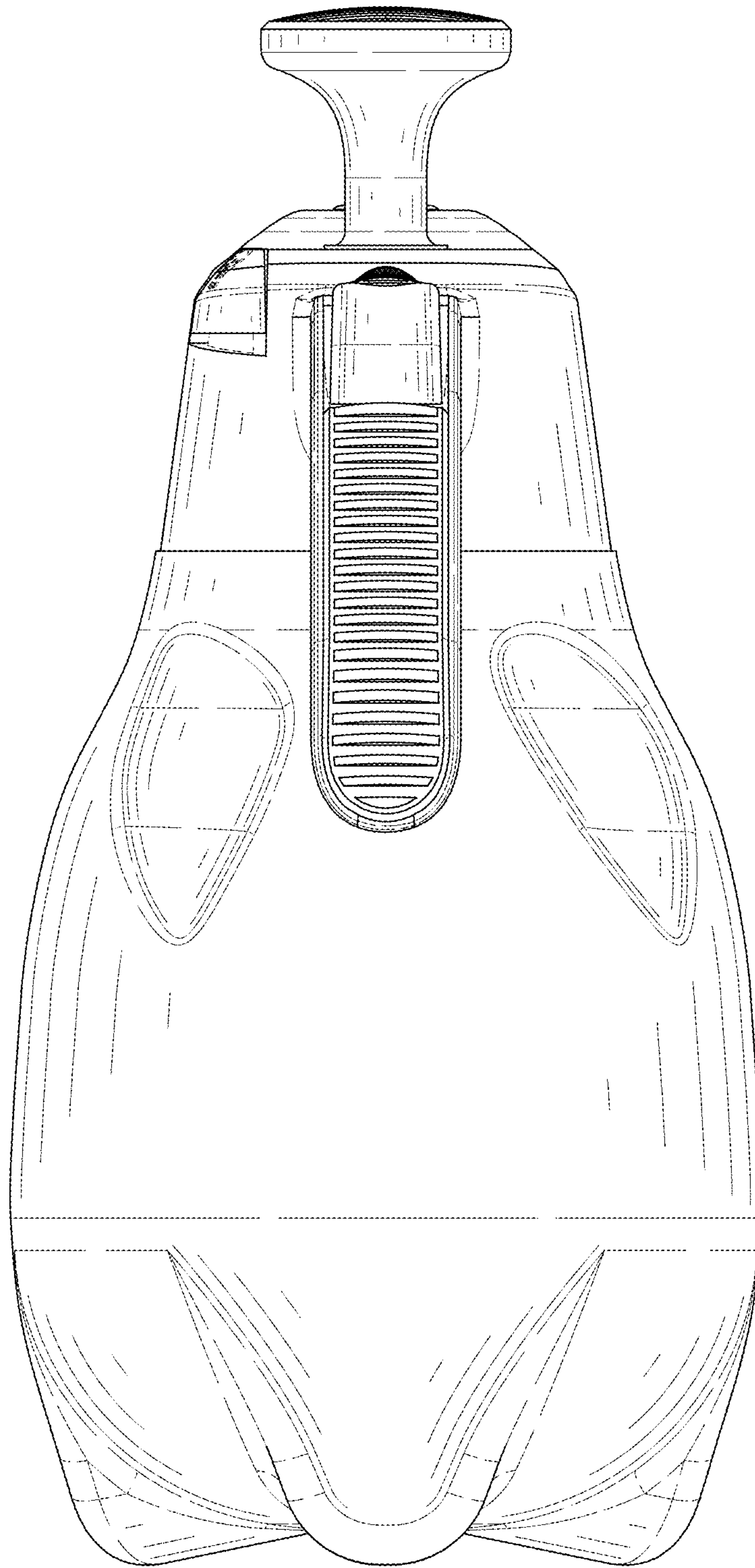


FIG. 6



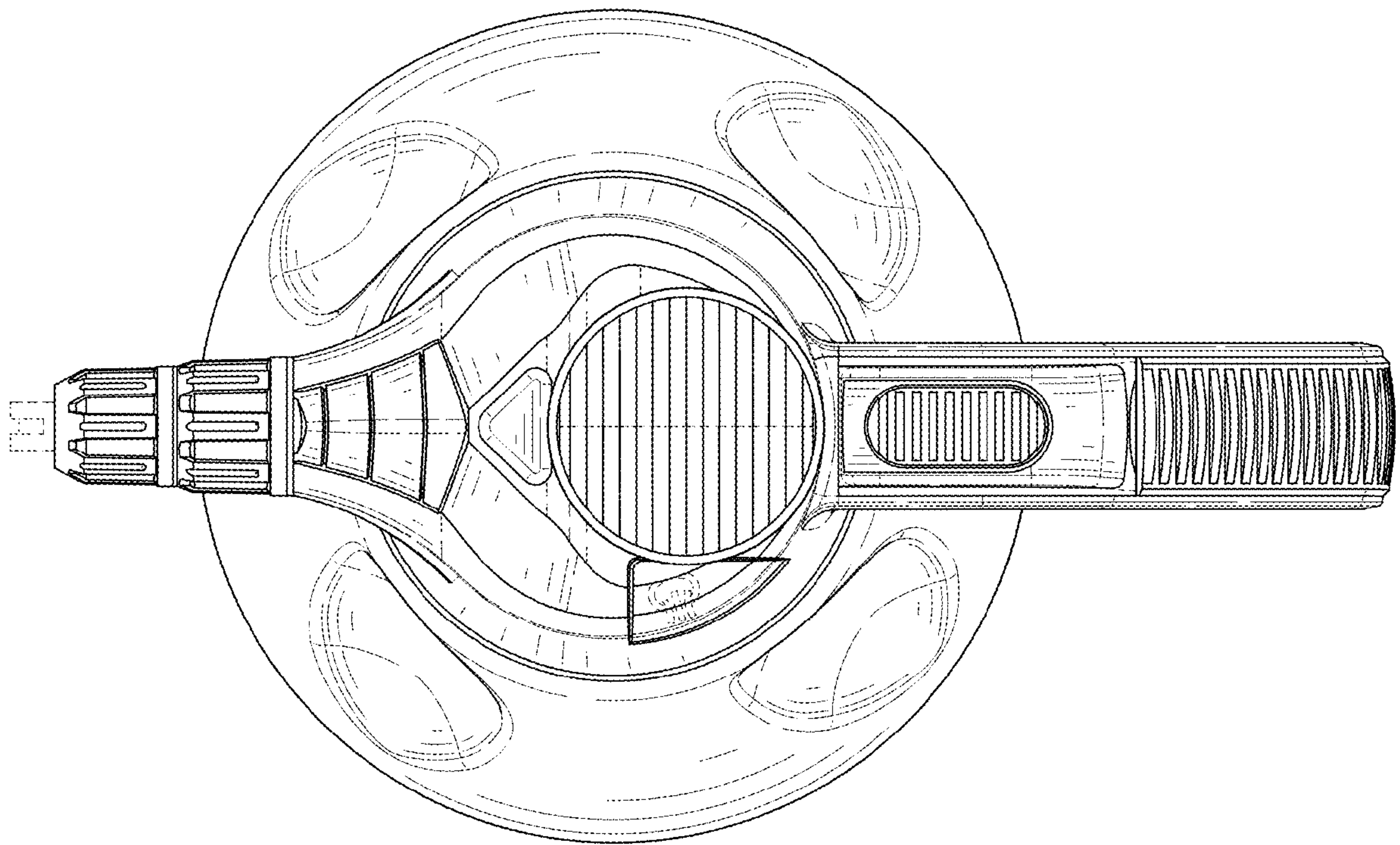


FIG. 7

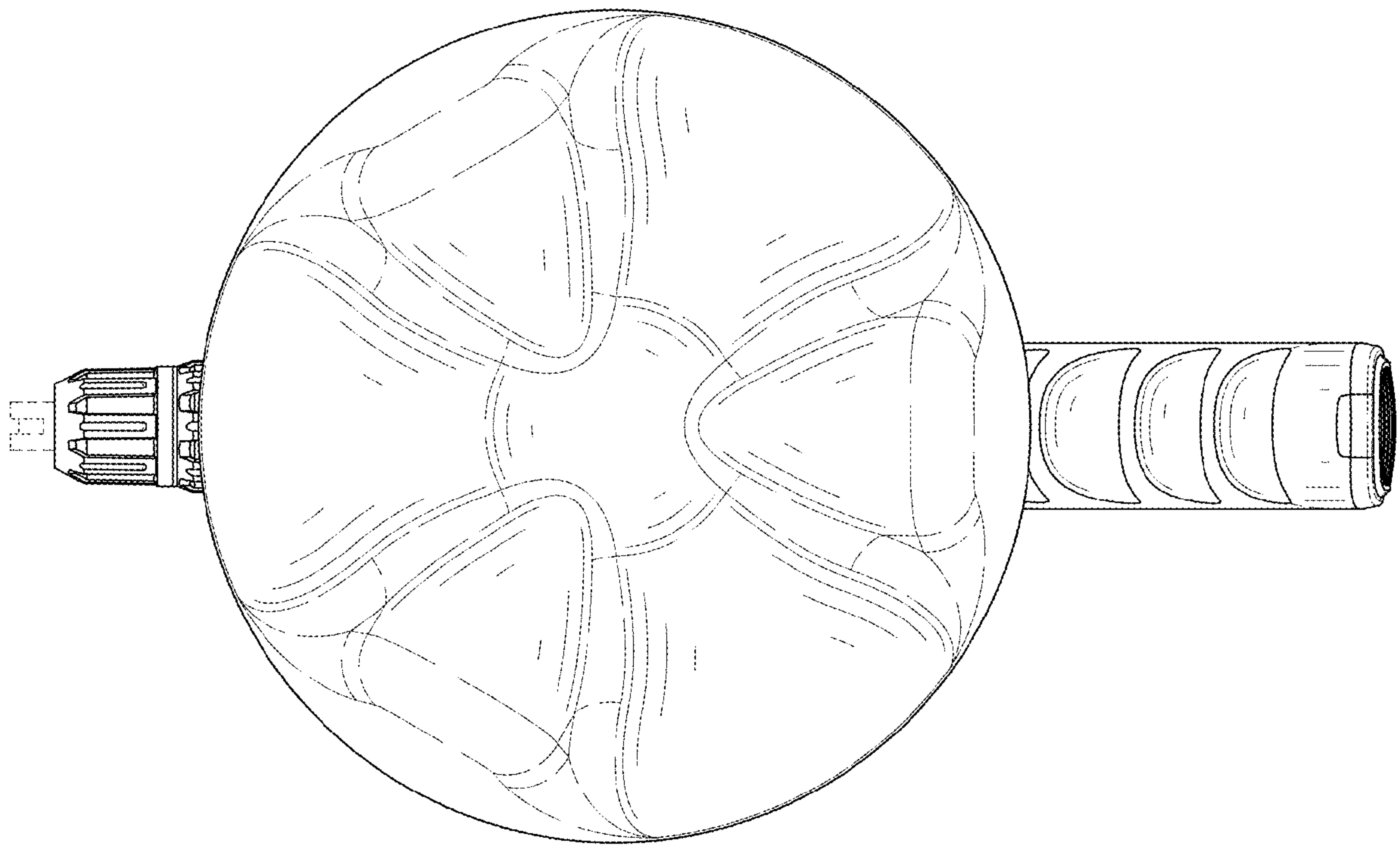


FIG. 8

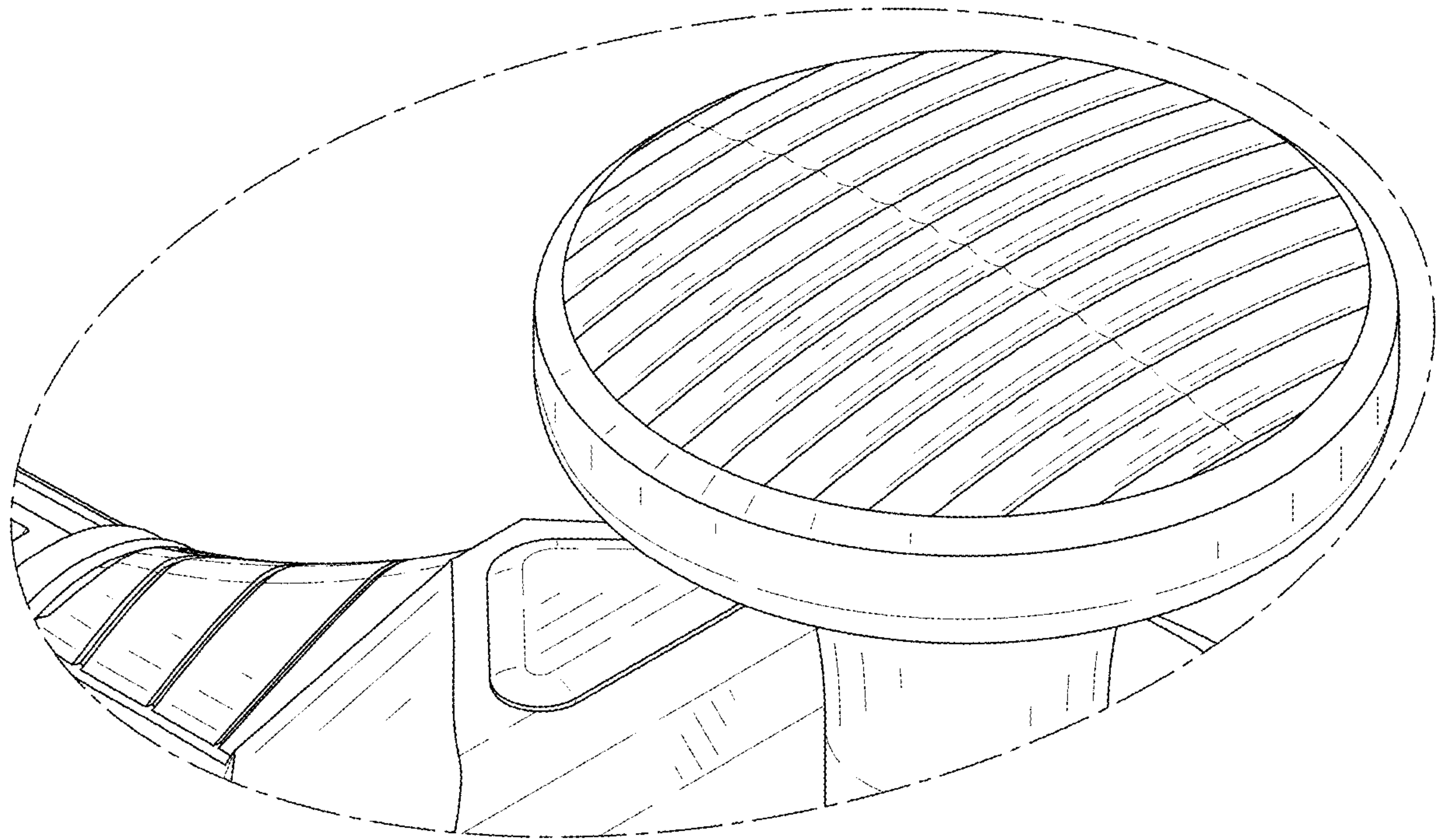


FIG. 9



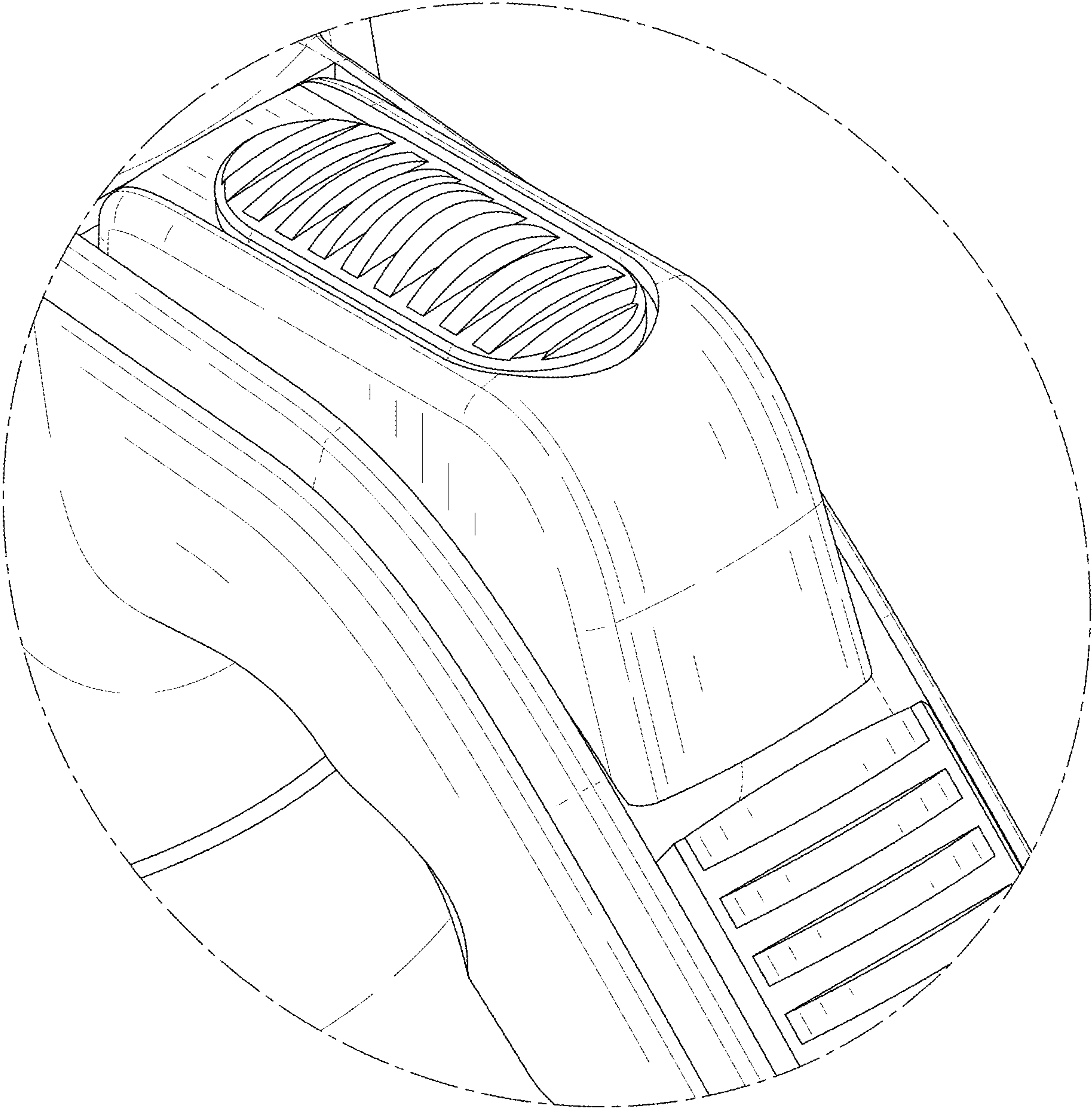


FIG. 10

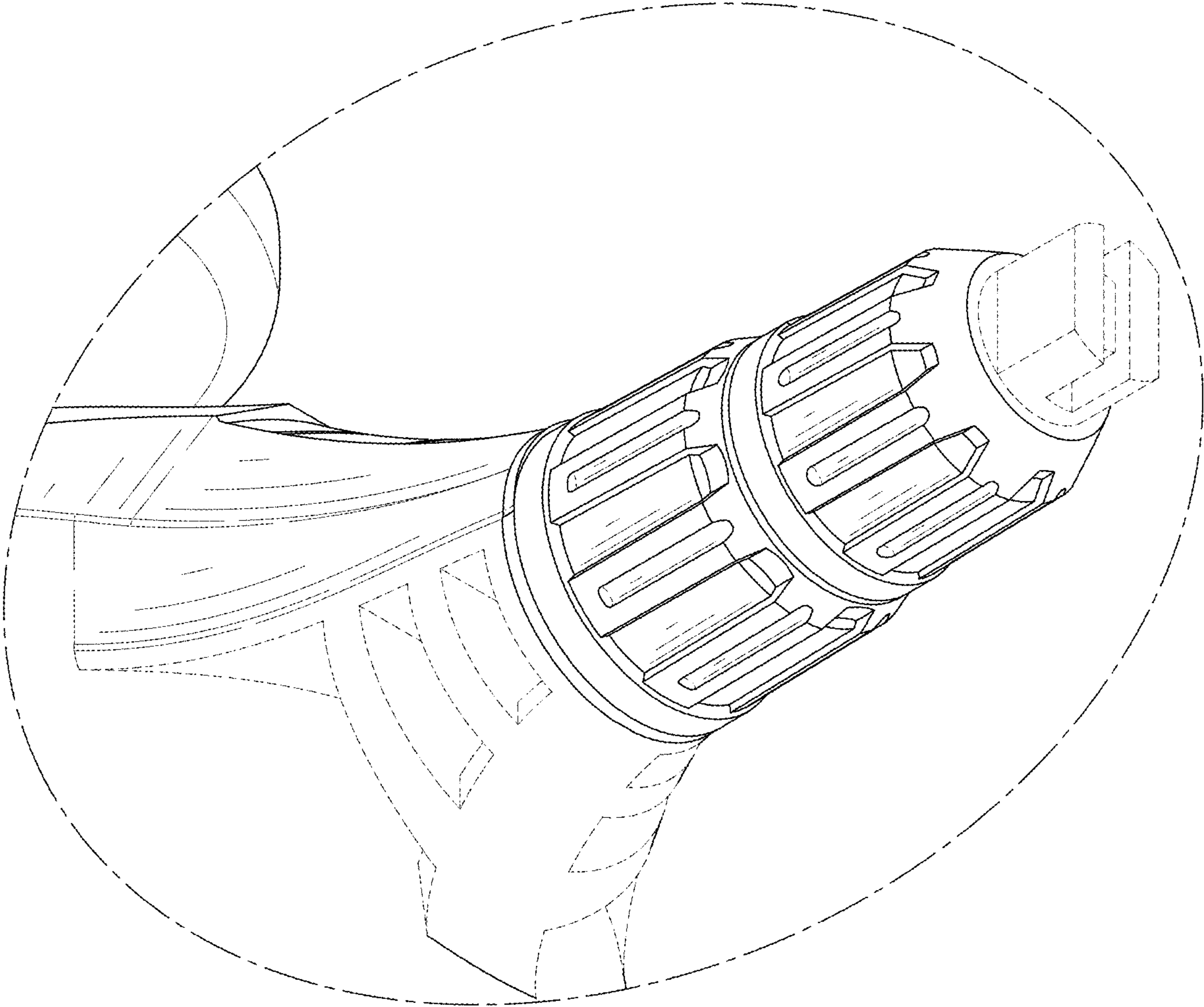


FIG. 11