



US00D989229S

(12) **United States Design Patent** (10) **Patent No.:** **US D989,229 S**  
**Wu** (45) **Date of Patent:** **\*\* Jun. 13, 2023**

(54) **SPRINKLER**

(71) Applicant: **Shantou Chuangyuan Qianzhi Technology Co., Ltd, Shantou (CN)**

(72) Inventor: **Jianquan Wu, Shantou (CN)**

(73) Assignee: **Shantou Chuangyuan Qianzhi Technology Co., Ltd, Shantou (CN)**

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

(21) Appl. No.: **29/873,953**

(22) Filed: **Apr. 12, 2023**

(30) **Foreign Application Priority Data**

Dec. 8, 2022 (CN) ..... 202230822003.9

(51) **LOC (14) Cl.** ..... **23-01**

(52) **U.S. Cl.**  
USPC ..... **D23/213**

(58) **Field of Classification Search**  
USPC ..... D23/207, 213, 214, 215, 223, 224, 225,  
D23/226, 229, 230; D21/447, 436, 441,  
D21/443, 444, 453, 473, 474, 451, 452;  
D12/326

CPC ..... A61H 9/0021; A61H 33/00; B05B 1/00;  
B05B 1/14; B05B 1/185; B05B 1/08;  
B05B 1/02; B05B 1/26; B05B 12/002;  
B05B 1/18; B05B 9/01; B64C 23/00

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

6,059,202 A \* 5/2000 Zink ..... B05B 3/026  
239/259  
D431,846 S \* 10/2000 Le Porcher ..... D21/452  
D617,870 S \* 6/2010 Wright ..... B05B 3/002  
D23/213  
D624,971 S \* 10/2010 Cohen ..... D6/337  
D627,235 S \* 11/2010 Lo ..... D9/674

D638,912 S \* 5/2011 Wright ..... D23/213  
D757,896 S \* 5/2016 Aquilina ..... D23/214  
D768,816 S \* 10/2016 Pogliari ..... D23/214  
D769,409 S \* 10/2016 Race ..... D23/214  
D800,249 S \* 10/2017 Irwin ..... D23/213  
D811,521 S \* 2/2018 Bamford ..... D23/213  
D827,041 S \* 8/2018 Brand ..... D21/452  
D888,162 S \* 6/2020 Fang ..... D21/452  
D900,961 S \* 11/2020 Wright ..... D23/213  
D912,201 S \* 3/2021 Arenson ..... D23/213  
D914,133 S \* 3/2021 Tayh ..... B05C 17/0052  
D23/213  
D920,471 S \* 5/2021 Ross ..... D23/213  
D948,627 S \* 4/2022 Lin ..... D21/452  
D960,305 S 8/2022 Dougan et al.

(Continued)

**OTHER PUBLICATIONS**

Ofoat Water Sprinkler Toys for Kids, Rocket Shaped Kids Sprinkler Toys, Mar. 3, 2023, amazon.ca, Apr. 25, 2023, URL: <https://www.amazon.ca/Sprinkler-Rocket-Shaped-5-2-5-9Ft-Backyard/dp/B0BXDHFL92/> (Year: 2023).\*

*Primary Examiner* — Keith J Wilson  
(74) *Attorney, Agent, or Firm* — Nitin Kaushik

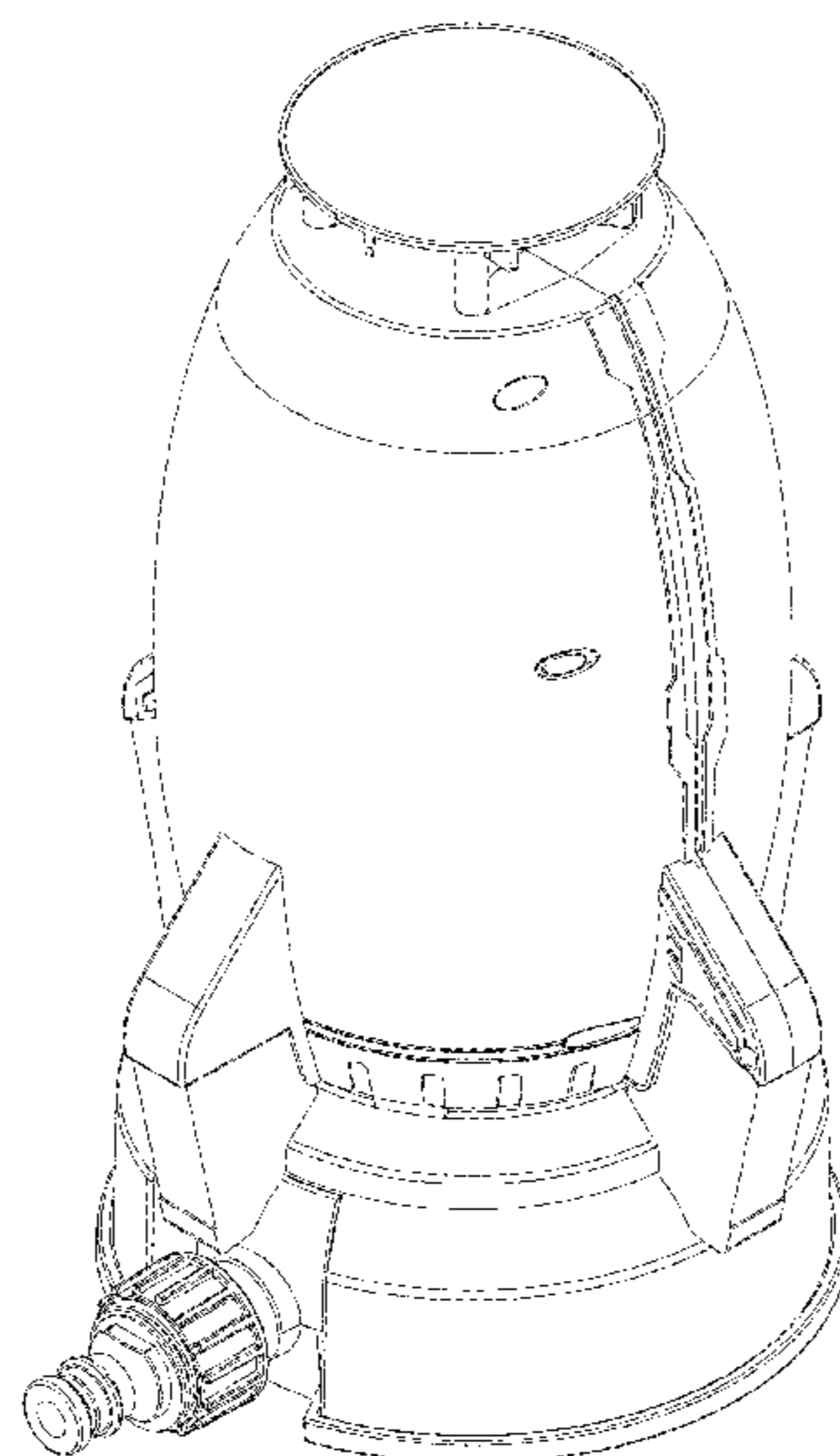
(57) **CLAIM**

The ornamental design for a sprinkler, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of a sprinkler, showing my new design;  
FIG. 2 is a bottom perspective view thereof;  
FIG. 3 is a front view thereof;  
FIG. 4 is a rear view thereof;  
FIG. 5 is a left side view thereof;  
FIG. 6 is a right side view thereof;  
FIG. 7 is a top view thereof; and,  
FIG. 8 is a bottom view thereof.

**1 Claim, 8 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

D970,633 S \* 11/2022 Zhang ..... D21/452  
D982,093 S \* 3/2023 Zhang ..... D21/452  
2022/0331707 A1\* 10/2022 Frawley ..... A63H 27/005

\* cited by examiner

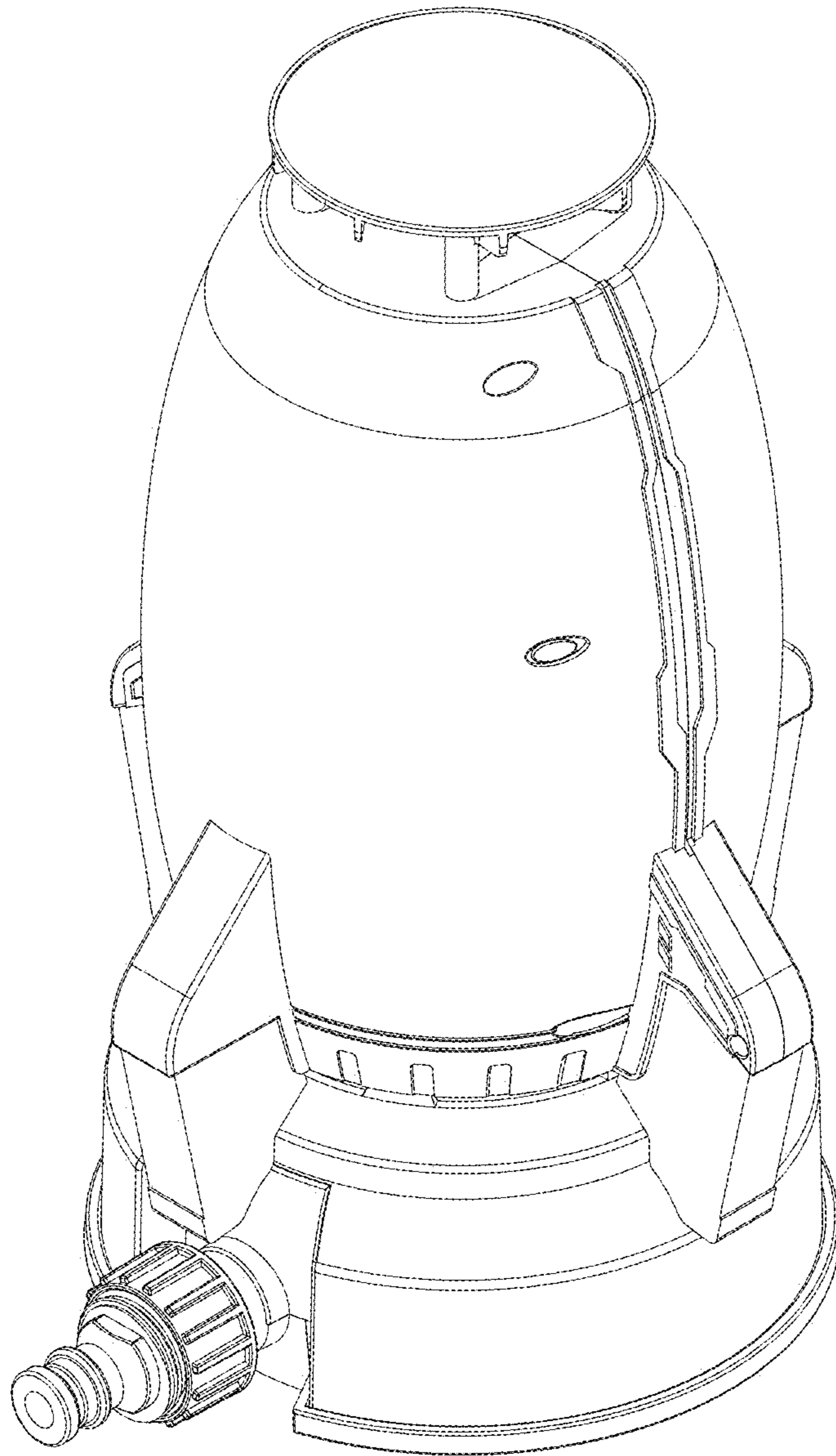


FIG. 1

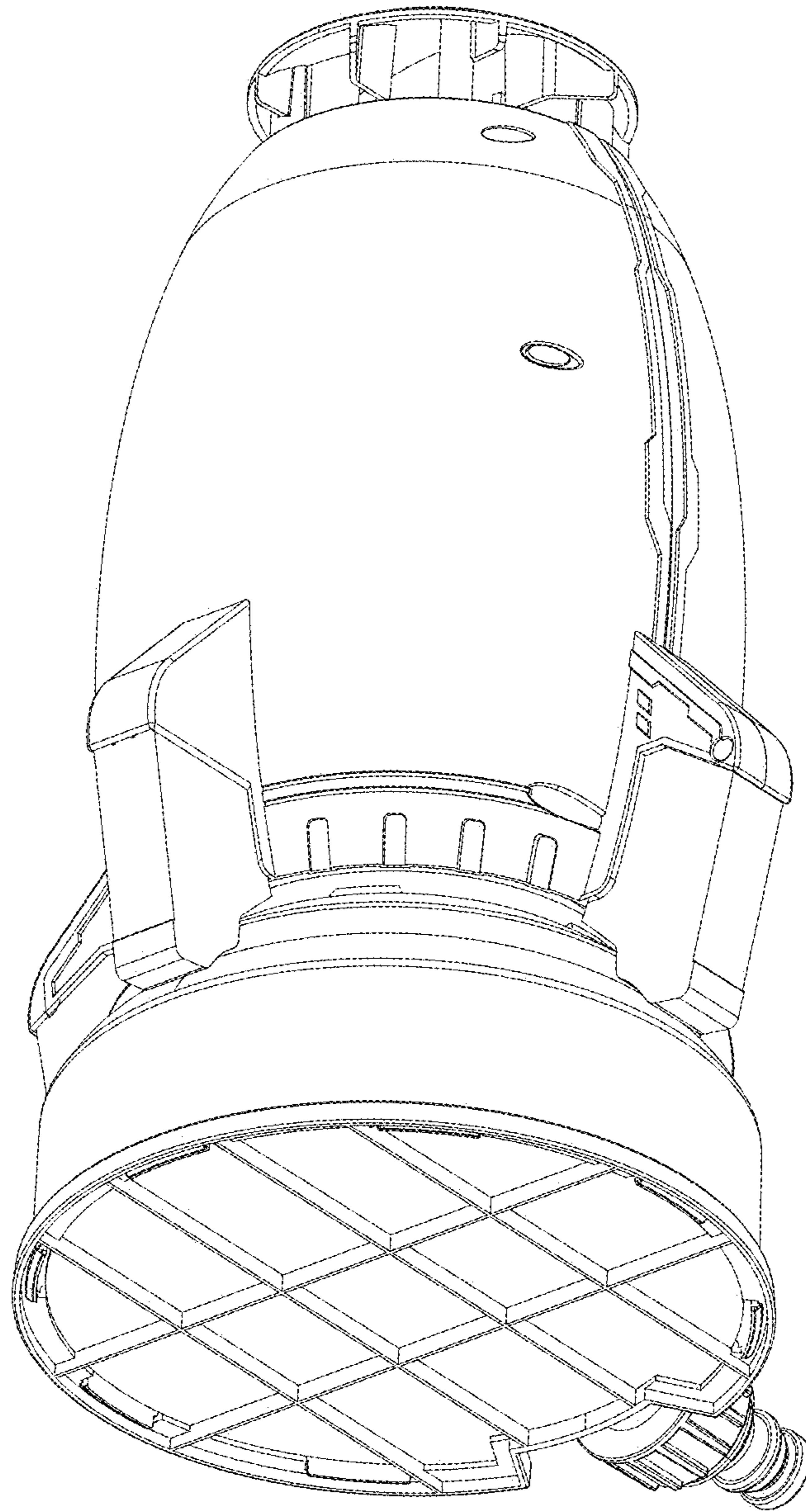


FIG. 2

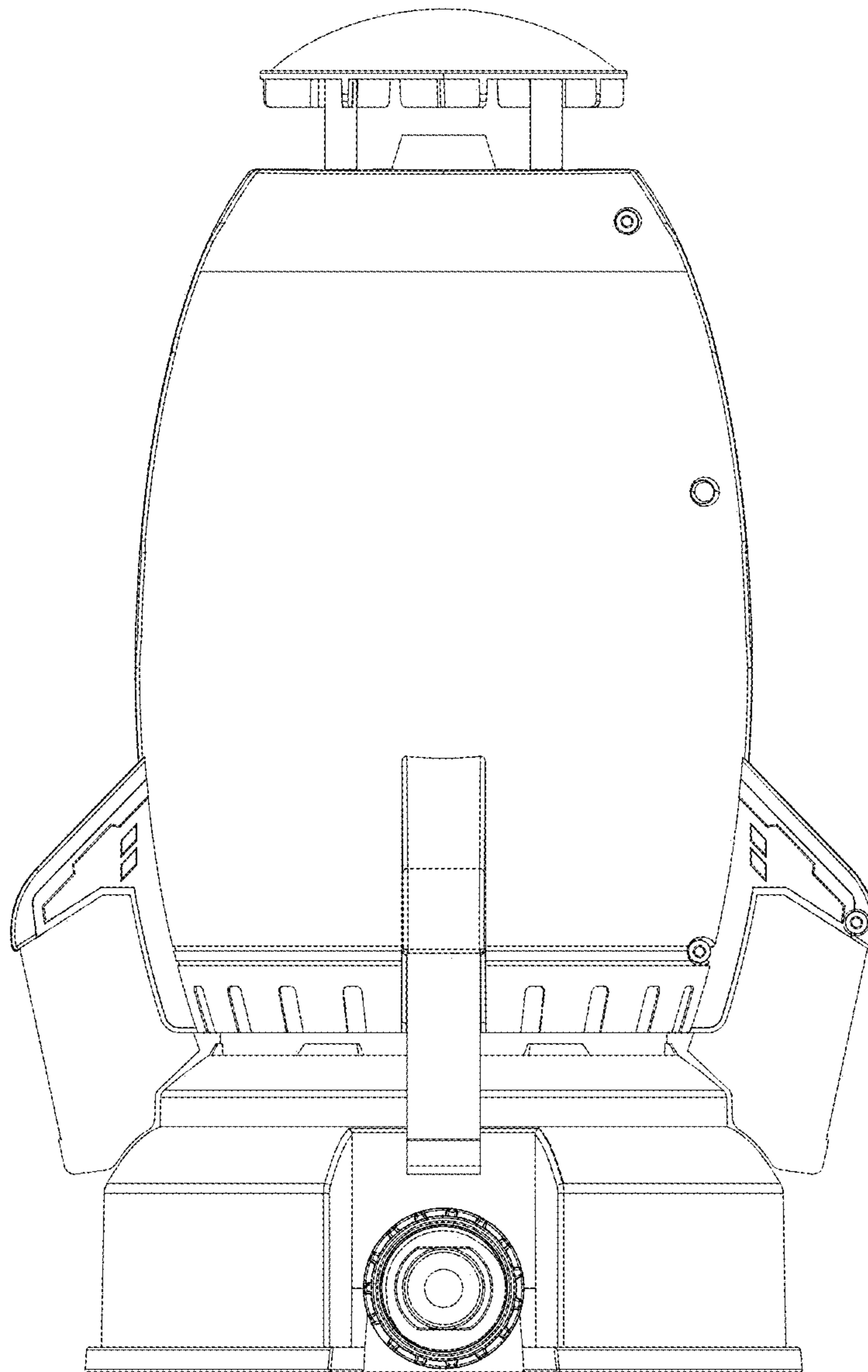


FIG. 3

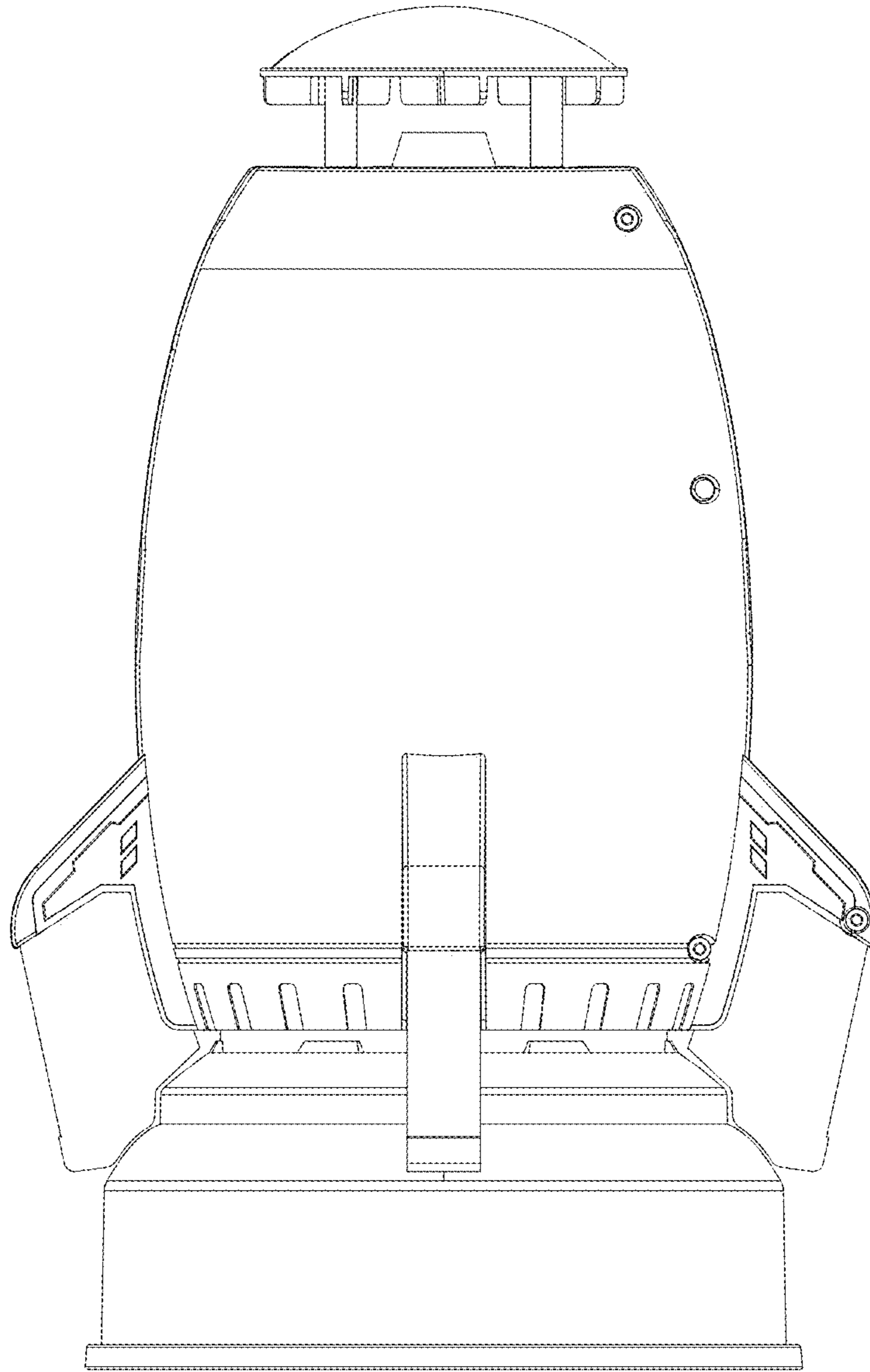


FIG. 4

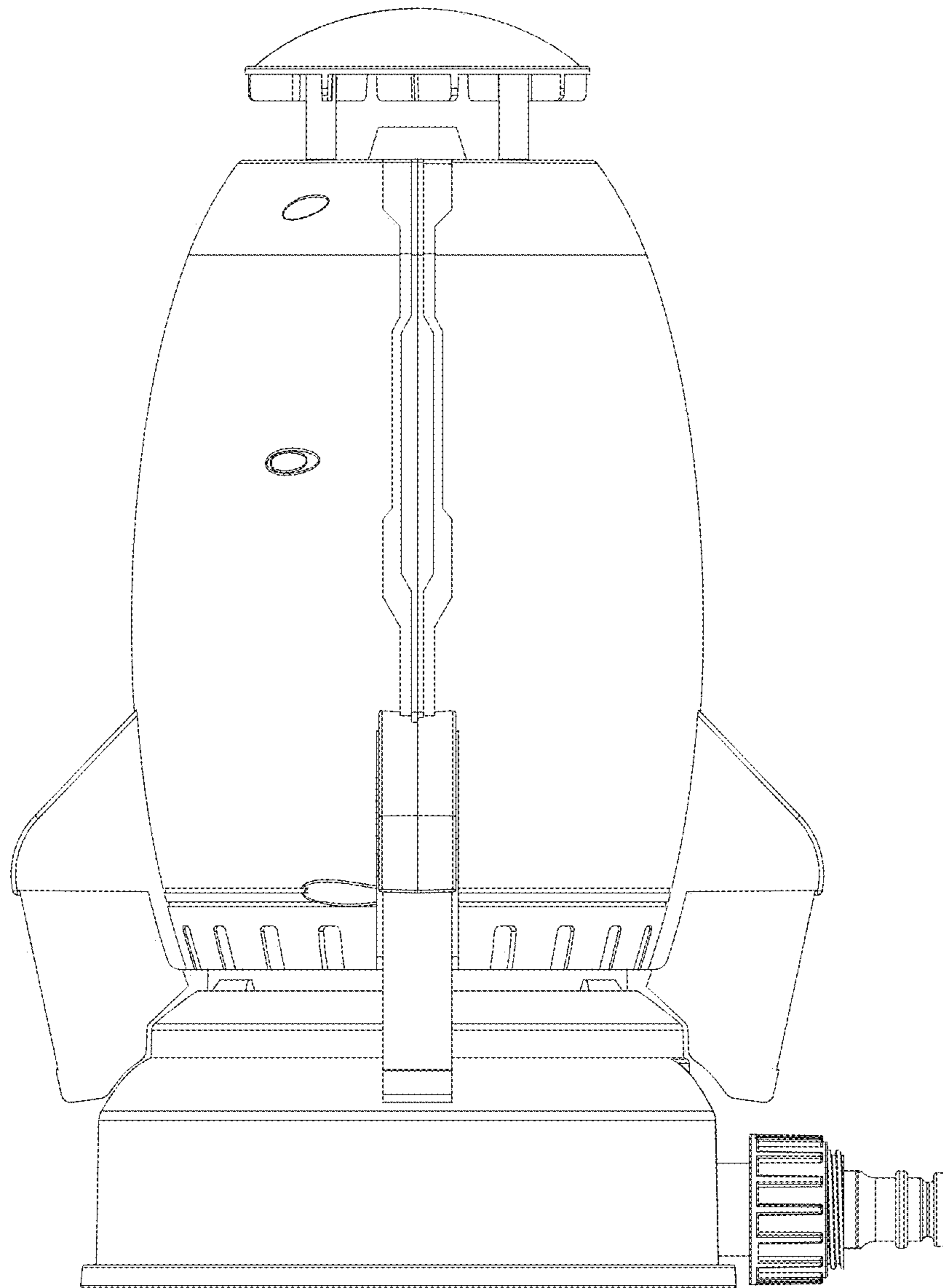


FIG. 5

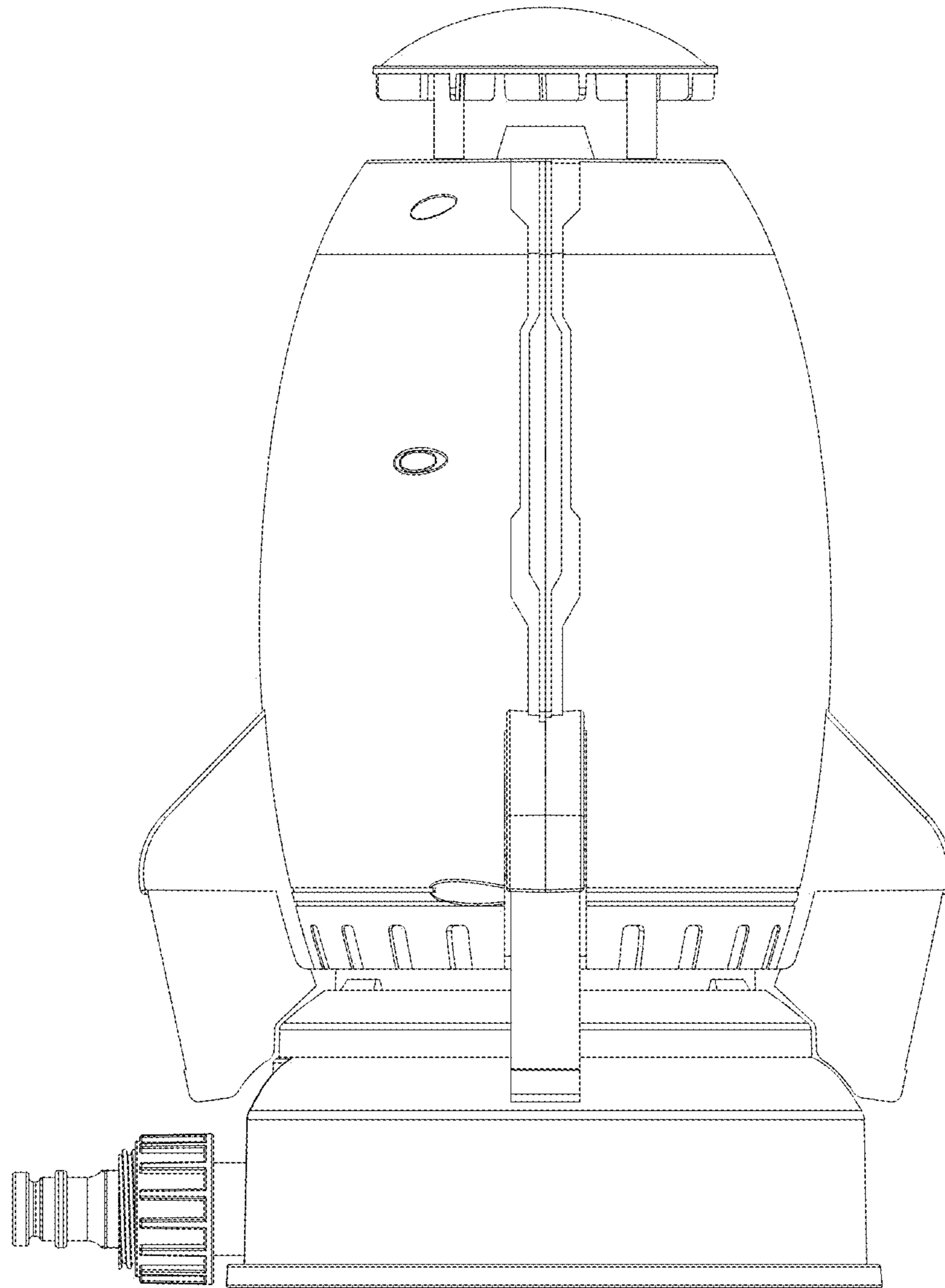


FIG. 6



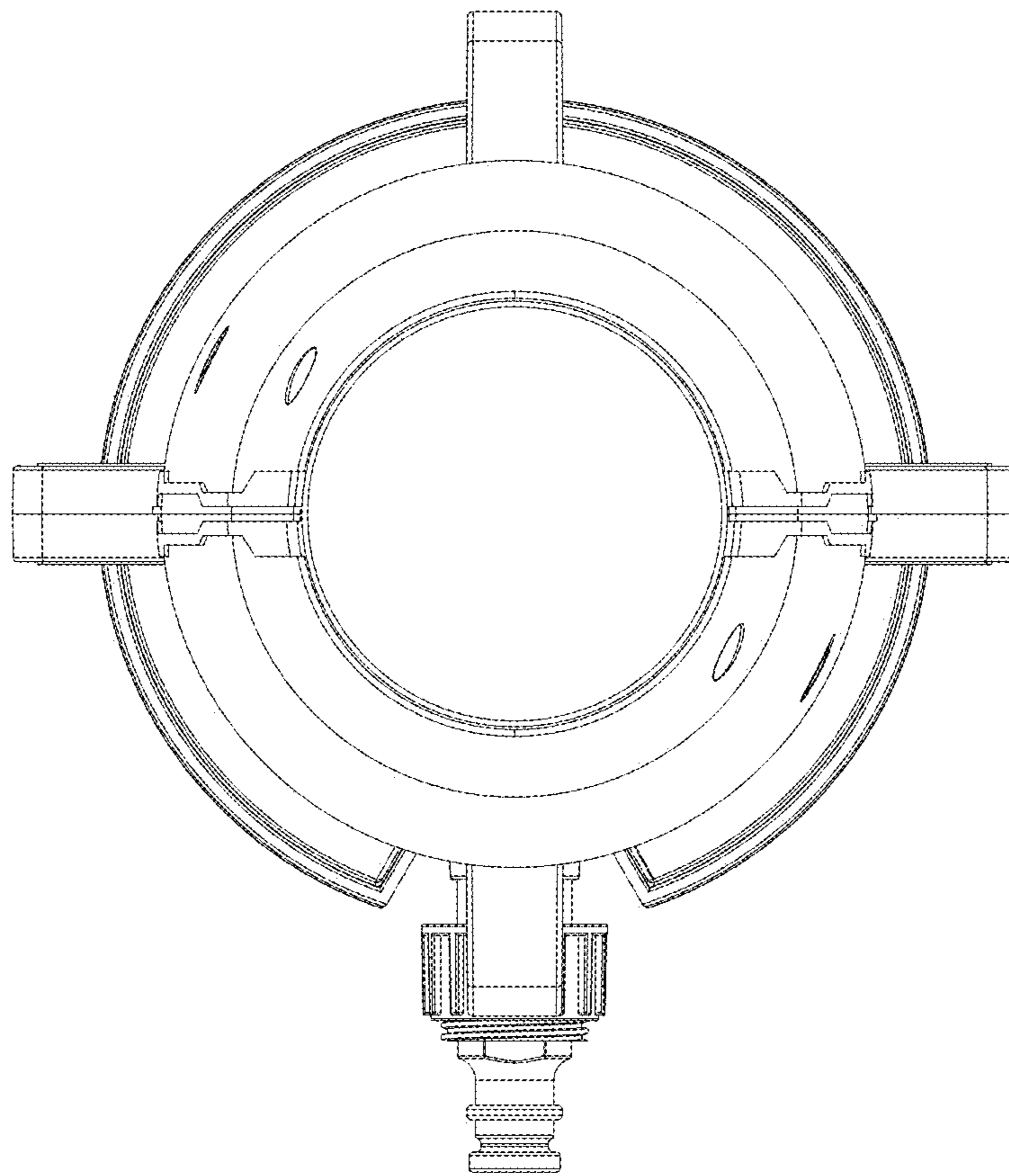


FIG. 7

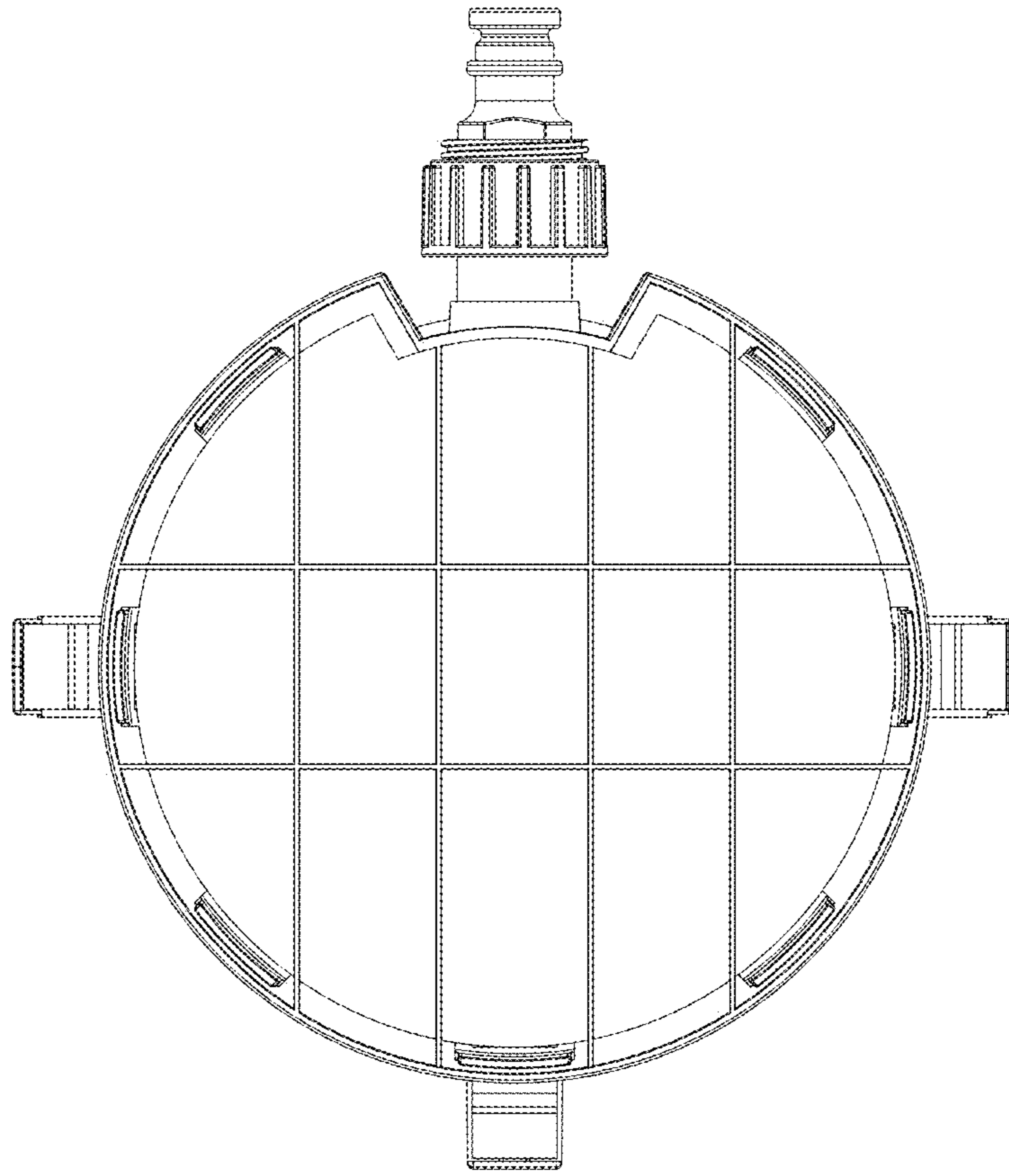


FIG. 8