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(12) **United States Design Patent**
Huang et al.

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- (54) **SPA CONTROL UNIT**
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|-------------------|---------|------------|-------|-------------|
| D678,339 S * | 3/2013 | Hughes | | D15/7 |
| D698,369 S * | 1/2014 | Meza | | E04H 4/129 |
| | | | | D15/7 |
| D699,264 S * | 2/2014 | Sofussen | | D15/7 |
| D712,933 S * | 9/2014 | DeOreo | | D15/7 |
| D763,407 S * | 8/2016 | Shin | | D23/207 |
| 9,468,582 B2 | 10/2016 | Lin et al. | | |
| D826,284 S * | 8/2018 | Mead | | D15/7 |
| D843,548 S * | 3/2019 | Hsu | | D23/207 |
| D844,669 S * | 4/2019 | Sinico | | D15/7 |
| 2015/0020306 A1 * | 1/2015 | Lin | | A61H 33/028 |
| | | | | 4/585 |
| 2017/0216138 A1 | 8/2017 | Liu | | |
| 2020/0032536 A1 * | 1/2020 | Corn | | E04H 4/129 |

- (**) Term: **15 Years**
- (21) Appl. No.: **29/675,090**
- (22) Filed: **Dec. 28, 2018**
- (30) **Foreign Application Priority Data**

Jun. 29, 2018 (CN) 201830345163.2
 Dec. 26, 2018 (CN) 201830757866.6

- (51) **LOC (13) Cl.** **23-01**
- (52) **U.S. Cl.**
USPC **D23/207**
- (58) **Field of Classification Search**
USPC D23/205, 206, 207, 209, 233, 235, 365, D23/366
CPC B01D 2201/29; B01D 2201/30; B01D 2201/301; B01D 2201/302; B01D 2201/306; B01D 2201/309; B01D 35/30
See application file for complete search history.

- (56) **References Cited**
U.S. PATENT DOCUMENTS
D453,168 S * 1/2002 Chou D15/7
D465,018 S * 10/2002 Gustafsson D23/365
D486,896 S * 2/2004 Long D23/318
D572,273 S * 7/2008 Carpenter D15/7

FOREIGN PATENT DOCUMENTS

FR 2852362 * 9/2004

* cited by examiner

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(57) **CLAIM**

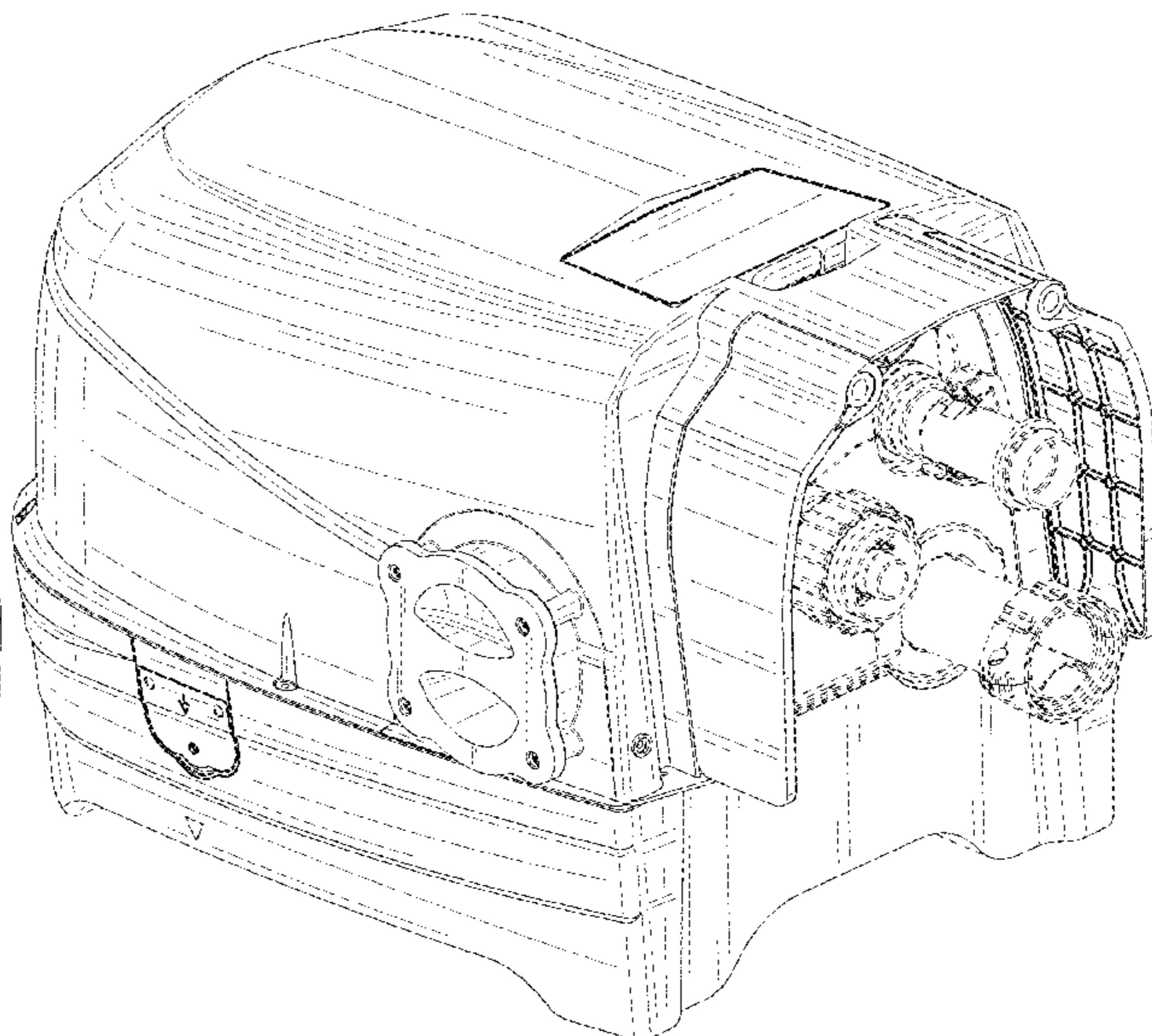
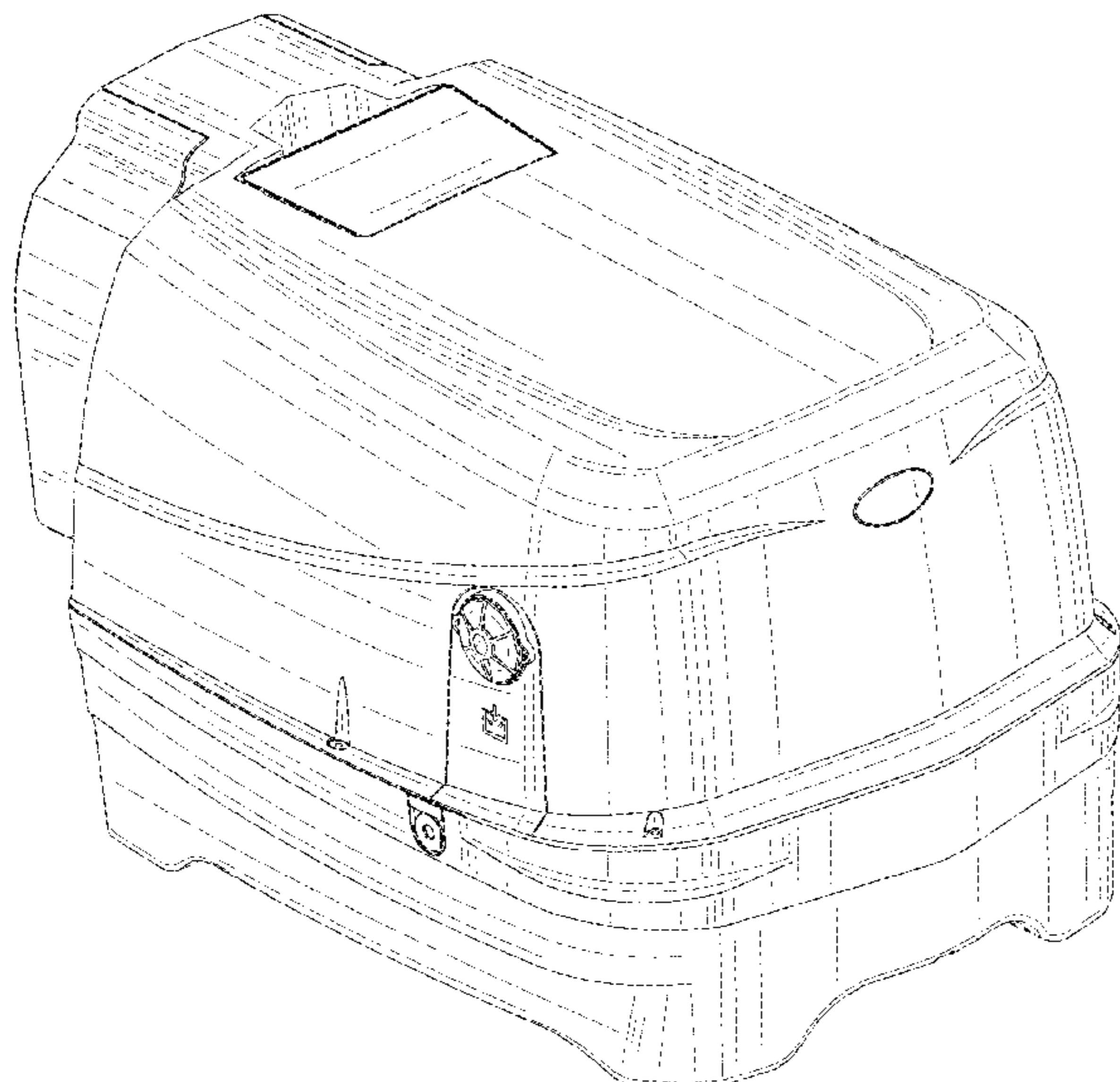
The ornamental design for a spa control unit, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a spa control unit showing our new design;
FIG. 2 is a rear 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; and,
FIG. 8 is a bottom plan view thereof.

The broken lines in the drawings depict portions of the spa control unit that form no part of the claimed design.

1 Claim, 8 Drawing Sheets



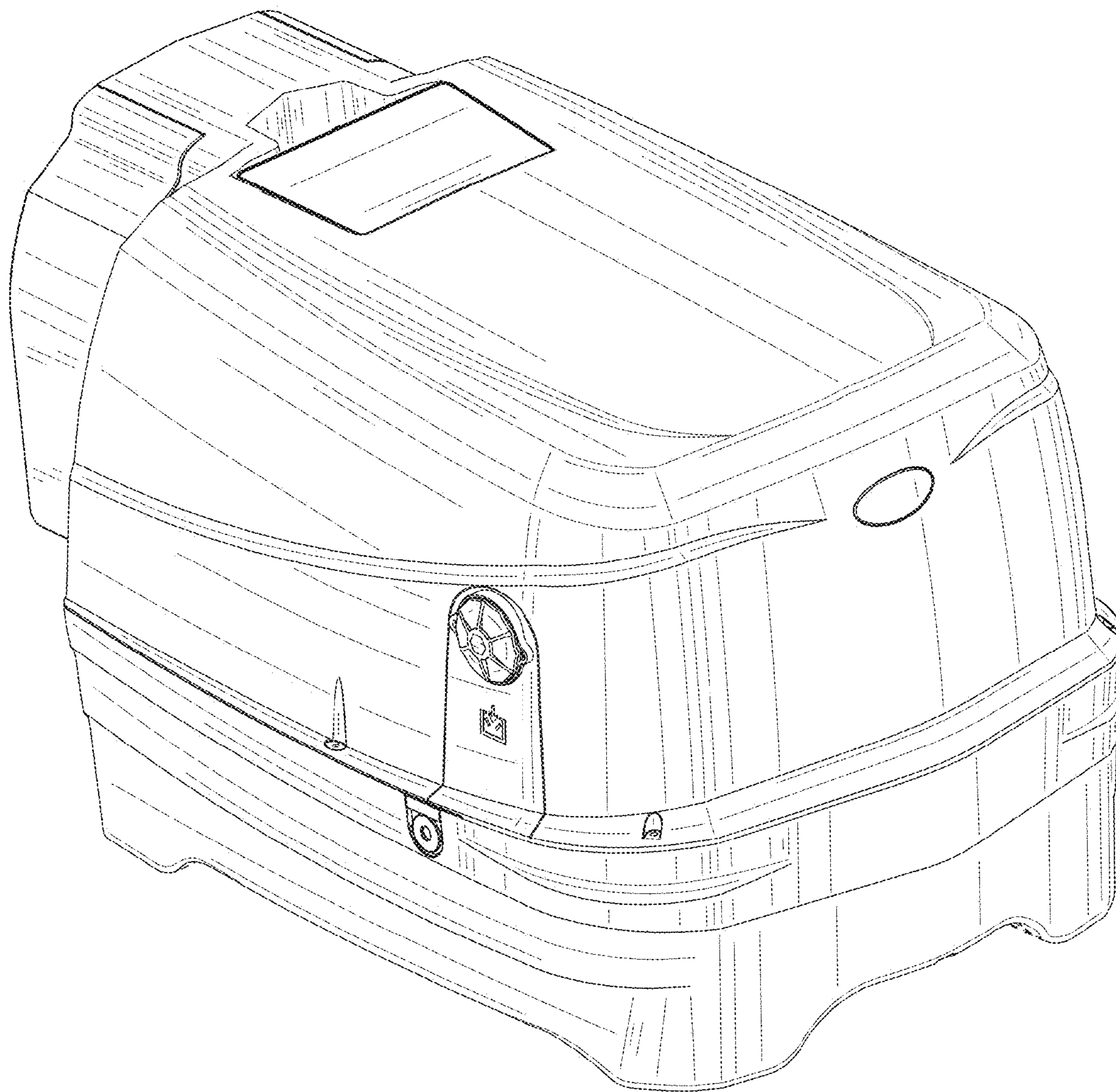


FIG. 1

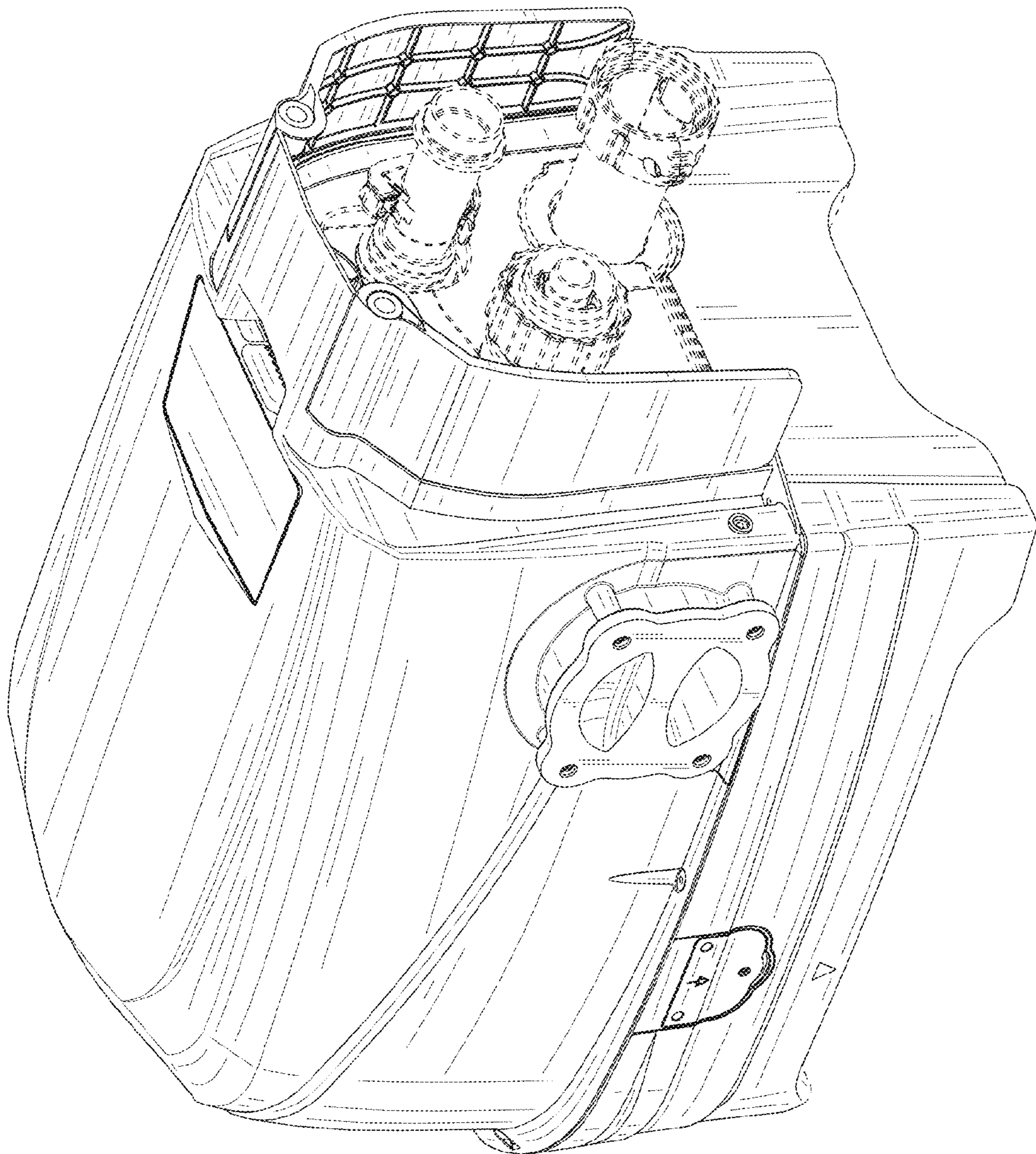


FIG. 2

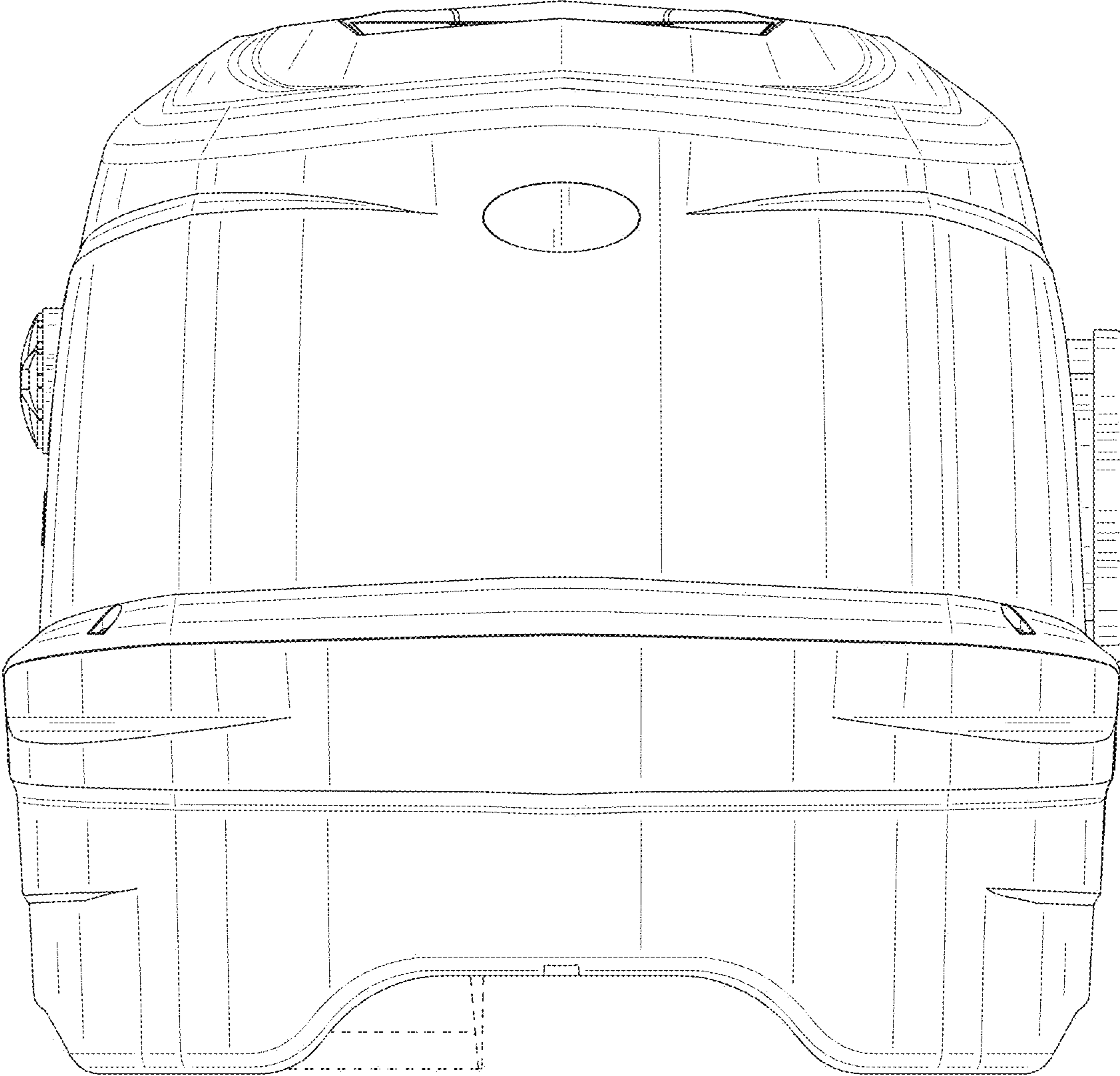


FIG. 3

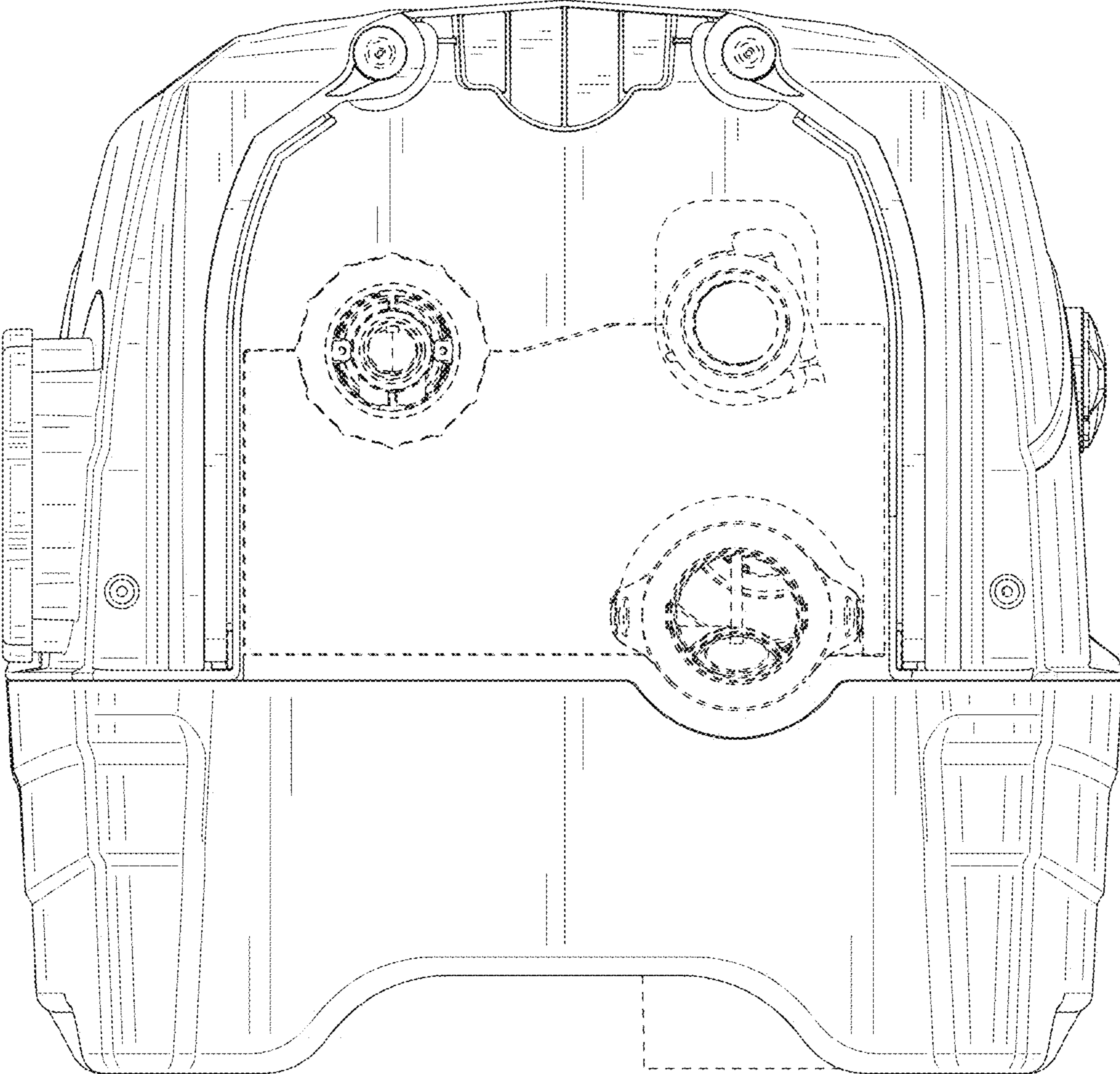


FIG. 4

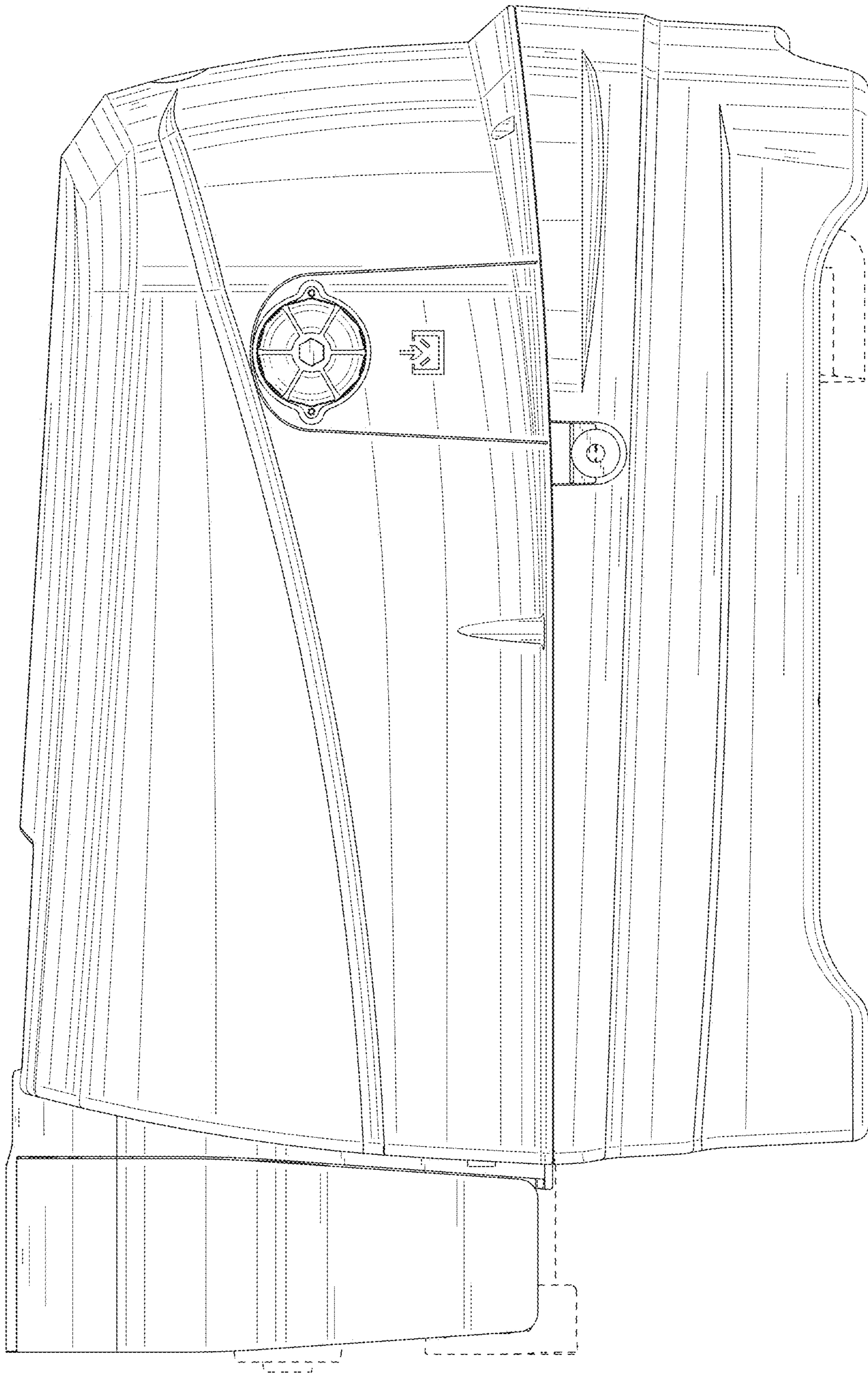


FIG. 5

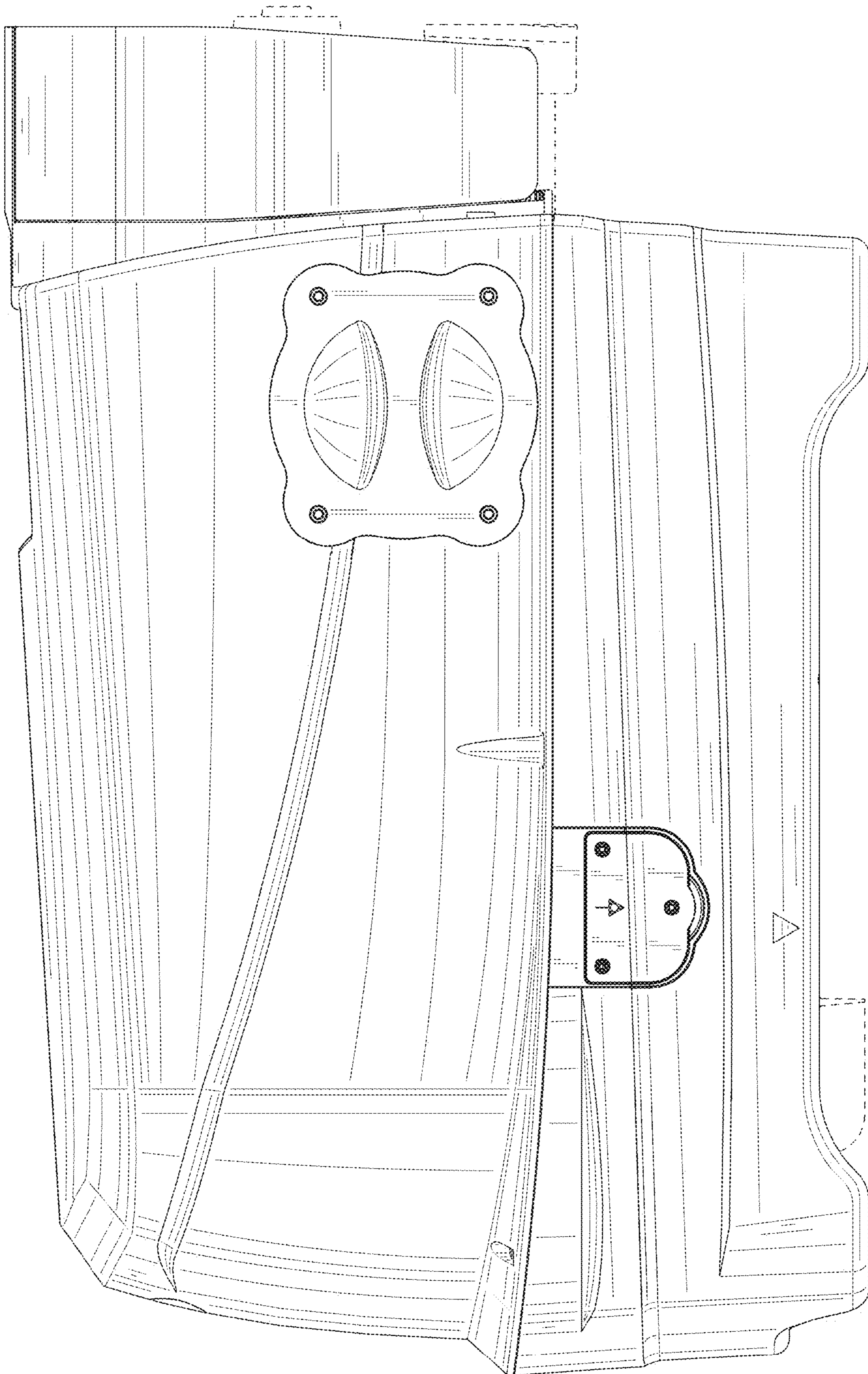


FIG. 6

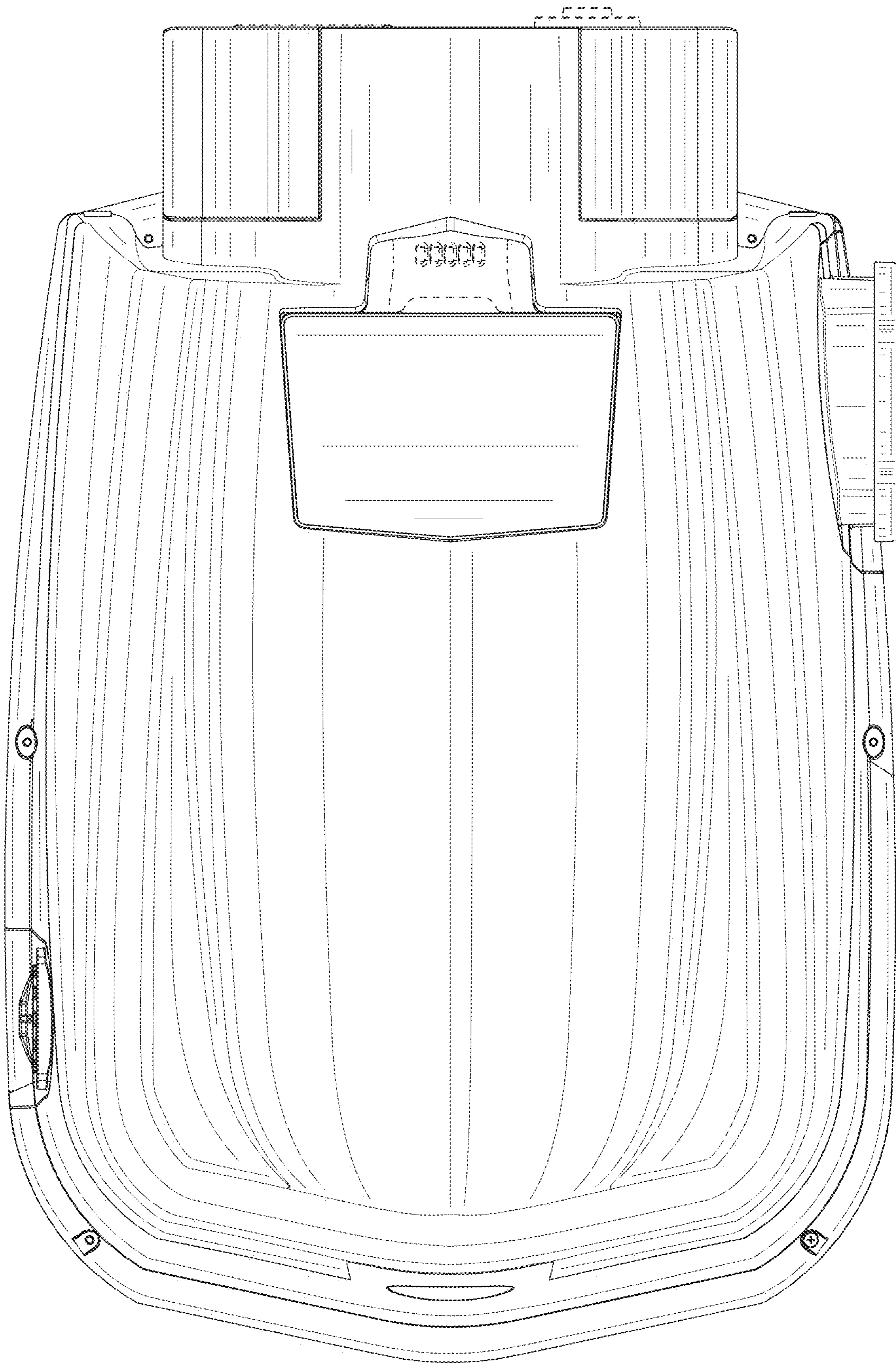


FIG. 7

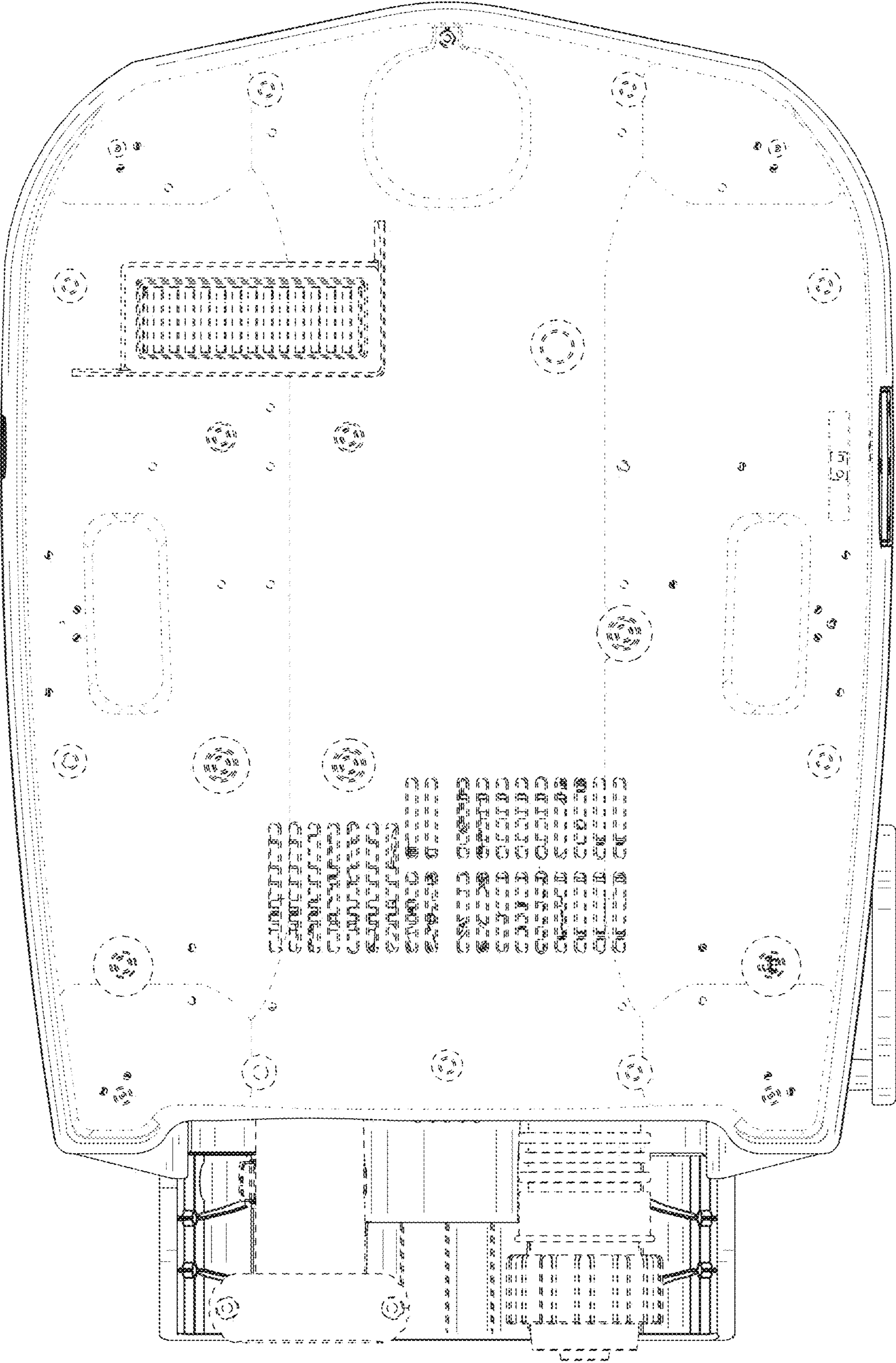


FIG. 8