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(12) **United States Design Patent** (10) **Patent No.:** **US D957,967 S**
Ahn et al. (45) **Date of Patent:** **** Jul. 19, 2022**

(54) **SENSOR HOUSING**

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PCT Search Report and Written Opinion in International Application No. PCT/US2020/043068, dated Oct. 15, 2020.

(Continued)

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(57) **CLAIM**

The ornamental design for a sensor housing, as shown and described.

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

(21) Appl. No.: **29/734,421**

DESCRIPTION

(22) Filed: **May 12, 2020**

Related U.S. Application Data

(63) Continuation of application No. 29/722,227, filed on Jan. 28, 2020, which is a continuation-in-part of (Continued)

(51) **LOC (13) Cl.** **10-04**

(52) **U.S. Cl.**
USPC **D10/70**

(58) **Field of Classification Search**
USPC D10/70; D12/190, 197
(Continued)

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(Continued)

FIG. 1 is a front perspective view of a sensor housing according to a first embodiment of our design;

FIG. 2 is a front elevation view thereof;

FIG. 3 is a back elevation view thereof;

FIG. 4 is a right side elevation view thereof;

FIG. 5 is a left side elevation view thereof;

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof;

FIG. 8 is a front perspective view of a sensor housing according to a second embodiment of our design;

FIG. 9 is a front elevation view thereof;

FIG. 10 is a back elevation view thereof;

FIG. 11 is a right side elevation view thereof;

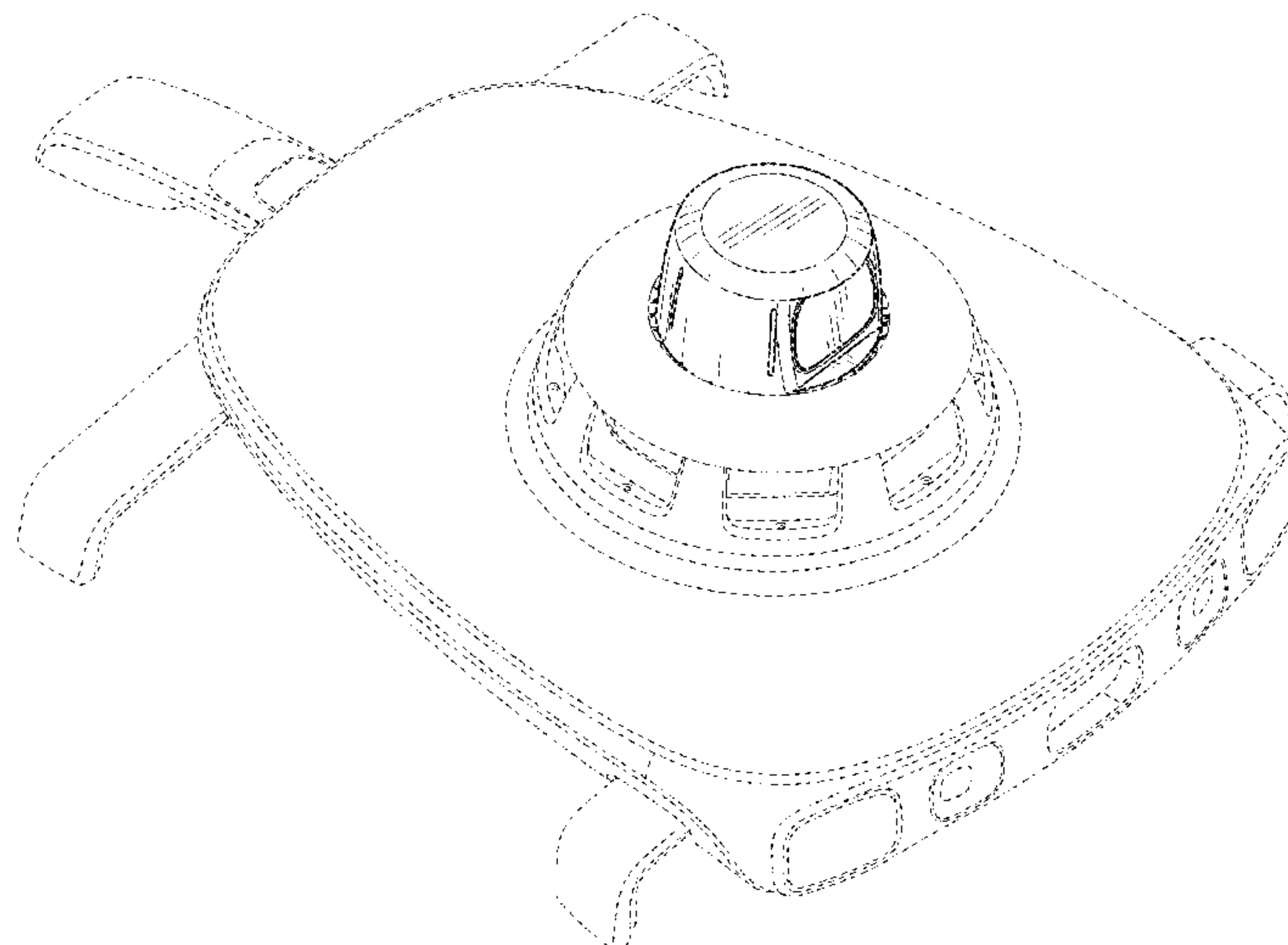
FIG. 12 is a left side elevation view thereof; and,

FIG. 13 is a top plan view thereof.

The broken lines in the figures illustrate elements of the sensor housing that form no part of the claimed design. The dash-dot lines in the figures illustrate perimeters of the claimed design. The dash-dot lines form no part of the claimed design.

The sensor housing may be arranged along a portion of a vehicle, such as along a roof of the vehicle. In one example the sensor housing includes at least one lidar sensor therein.

1 Claim, 9 Drawing Sheets



Related U.S. Application Data

application No. 29/689,690, filed on May 1, 2019, now Pat. No. Des. 915,913, application No. 29/734,421, filed on May 12, 2020, which is a continuation-in-part of application No. 29/680,845, filed on Feb. 20, 2019, now Pat. No. Des. 902,756.

(58) Field of Classification Search

CPC .. B60Q 1/0017; B60Q 1/0023; B60Q 1/0029; B60Q 1/0035; B60Q 1/0041; B60Q 1/26; B60Q 1/2603; B60Q 1/2607; B60Q 1/2611; B60Q 9/002; B60Q 9/003; B60Q 9/004; B60Q 9/006; B60Q 9/007; B60Q 9/008; B60R 1/10; B60R 1/12; B60R 2001/1284; G05D 1/0055; G05D 1/021; G05D 1/0212; G05D 1/0016; G05D 1/0088; G05D 1/02; G05D 2201/0212; B60K 37/06; B60K 35/00; B60K 28/02; B60K 2370/128; B60K 2370/682; B60K 2370/175; B60K 2370/12; B60K 2370/122; B60K 2370/143; B60W 50/082; B60W 30/06; B60W 2540/215; B62D 15/0285; B60Y 2302/05; G08B 25/016

See application file for complete search history.

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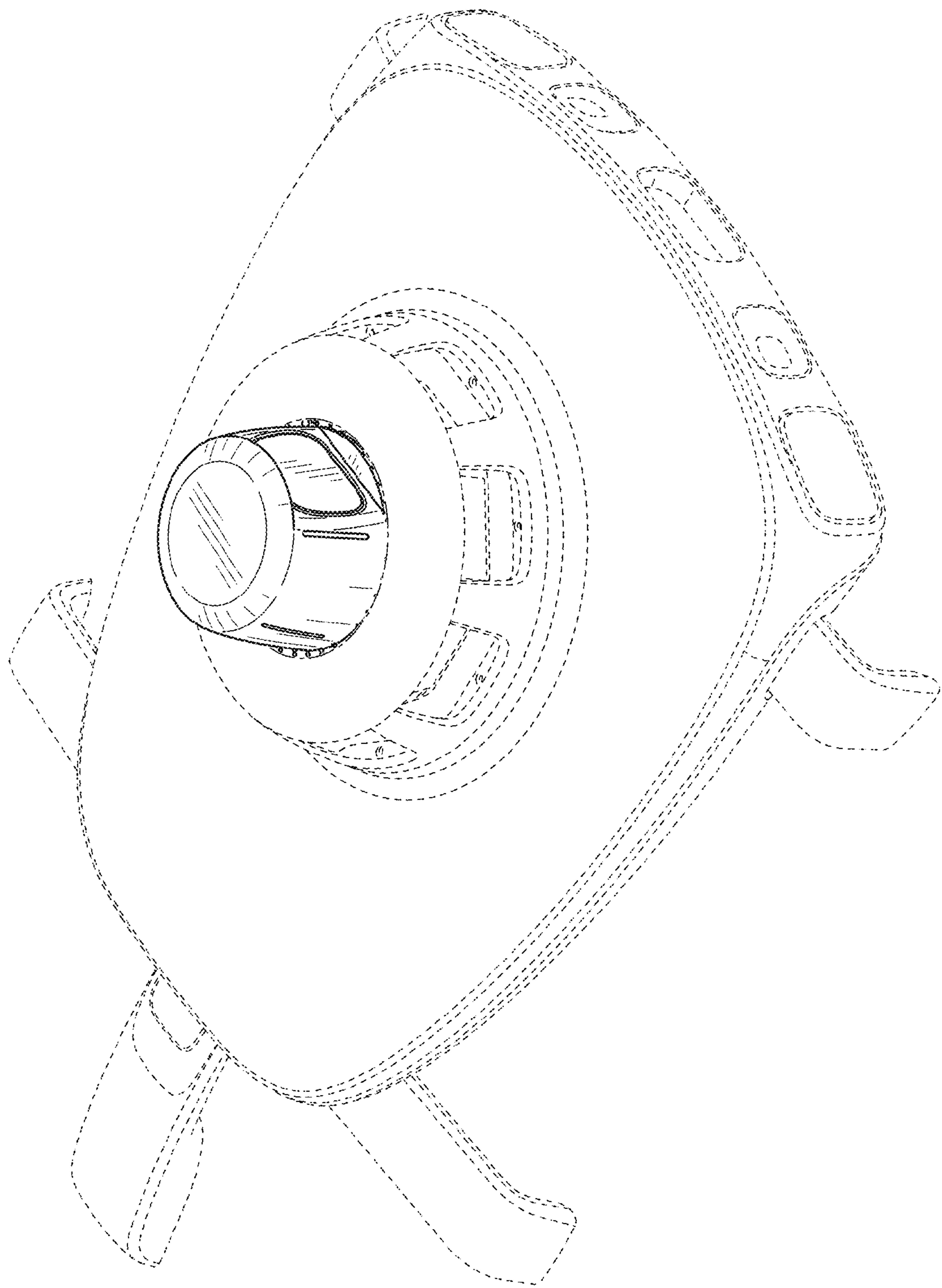


FIG. 1

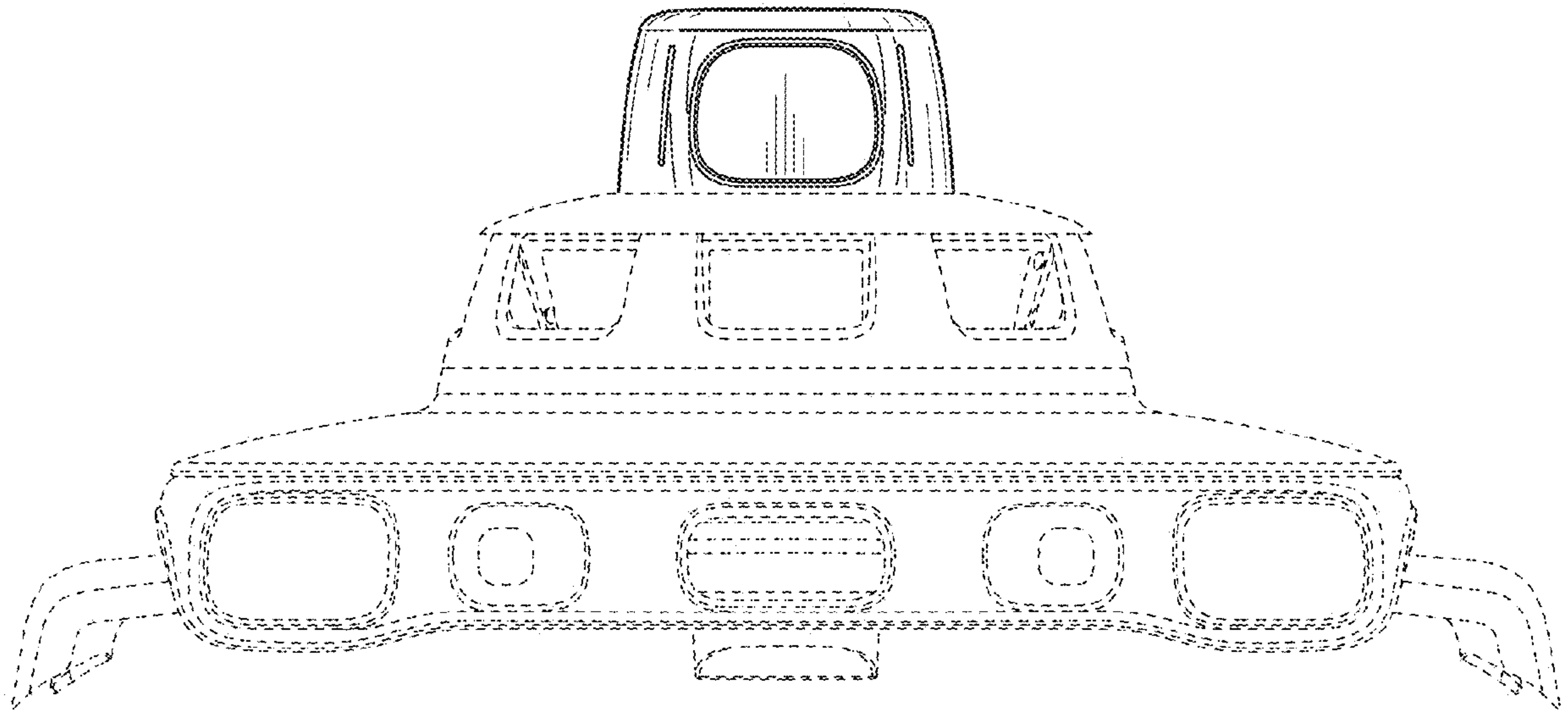


FIG. 2

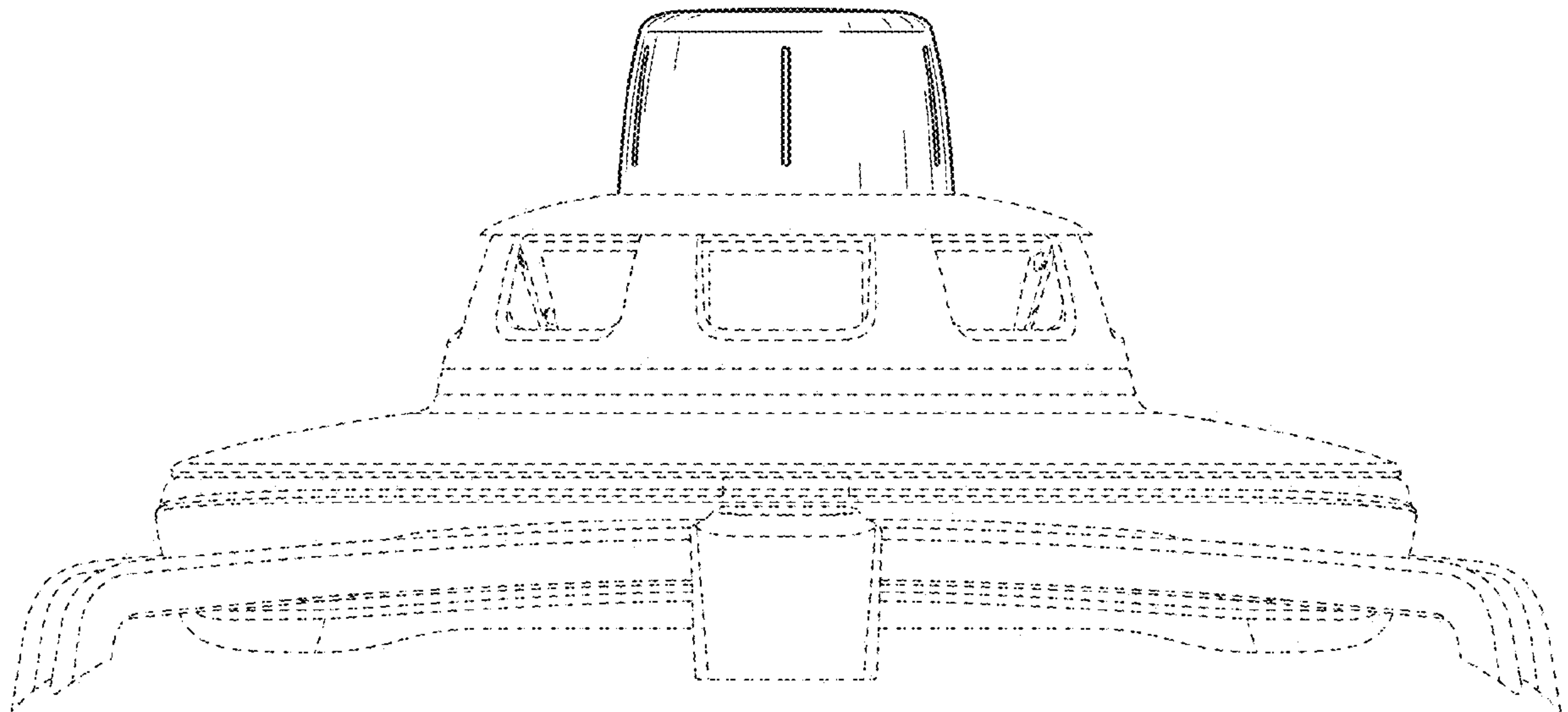


FIG. 3

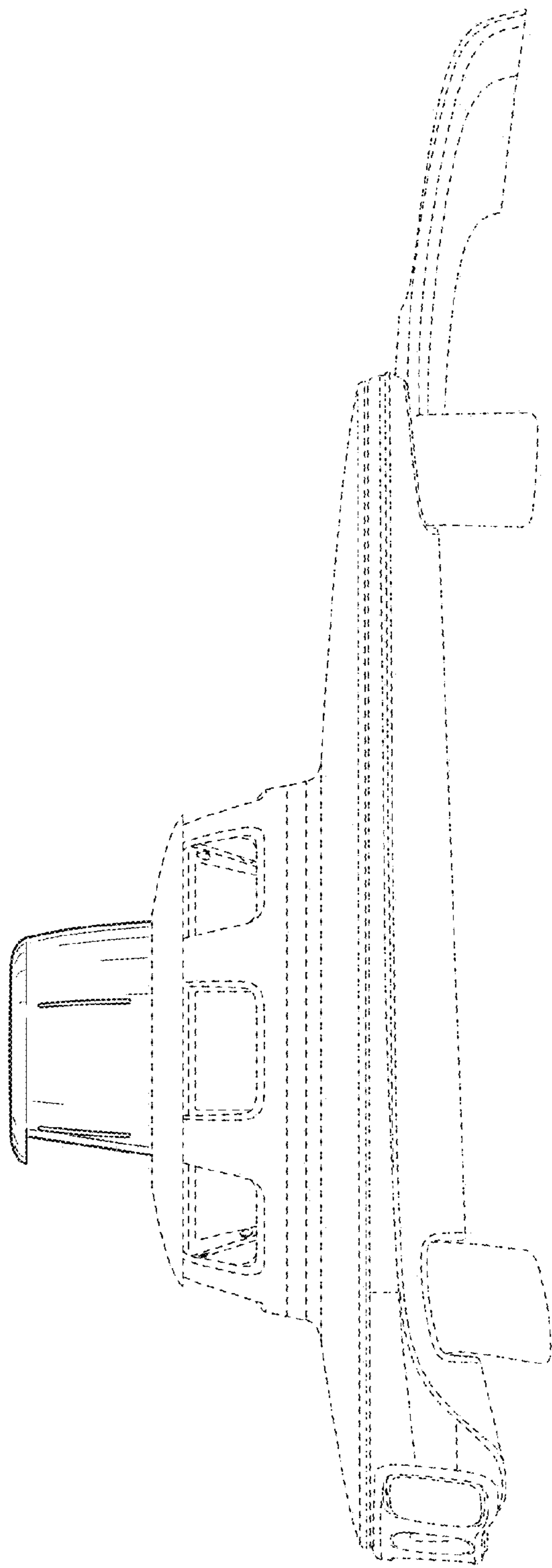


FIG. 4

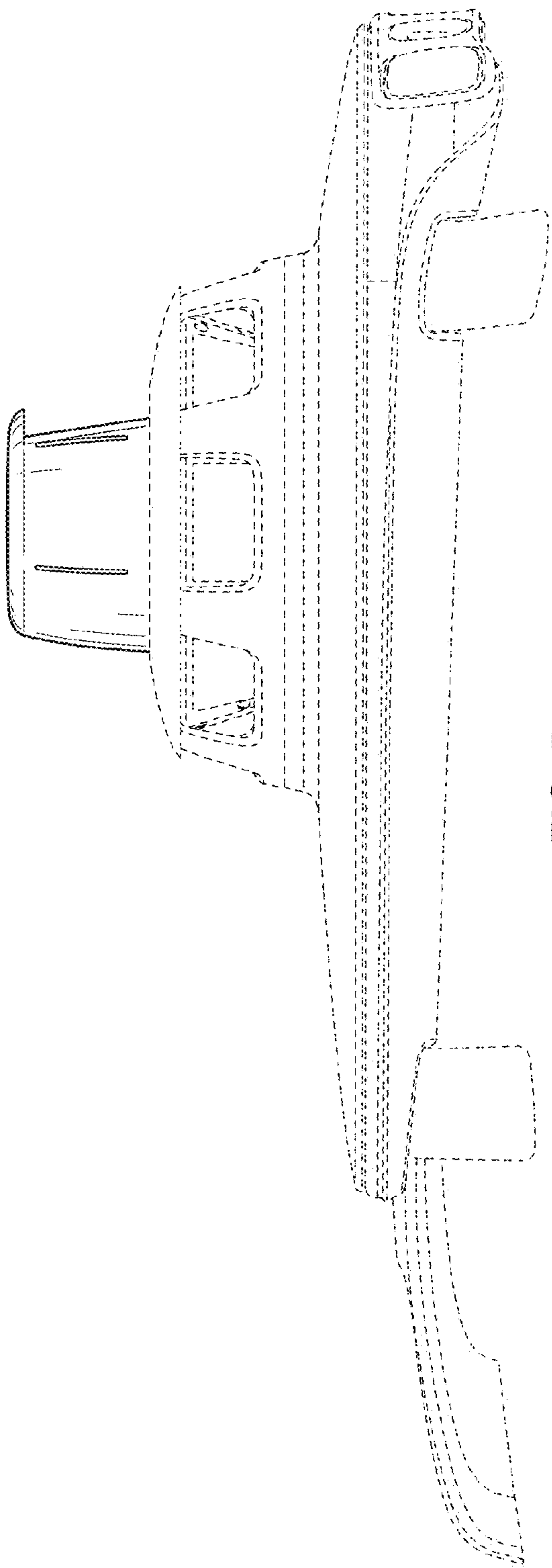


FIG. 5

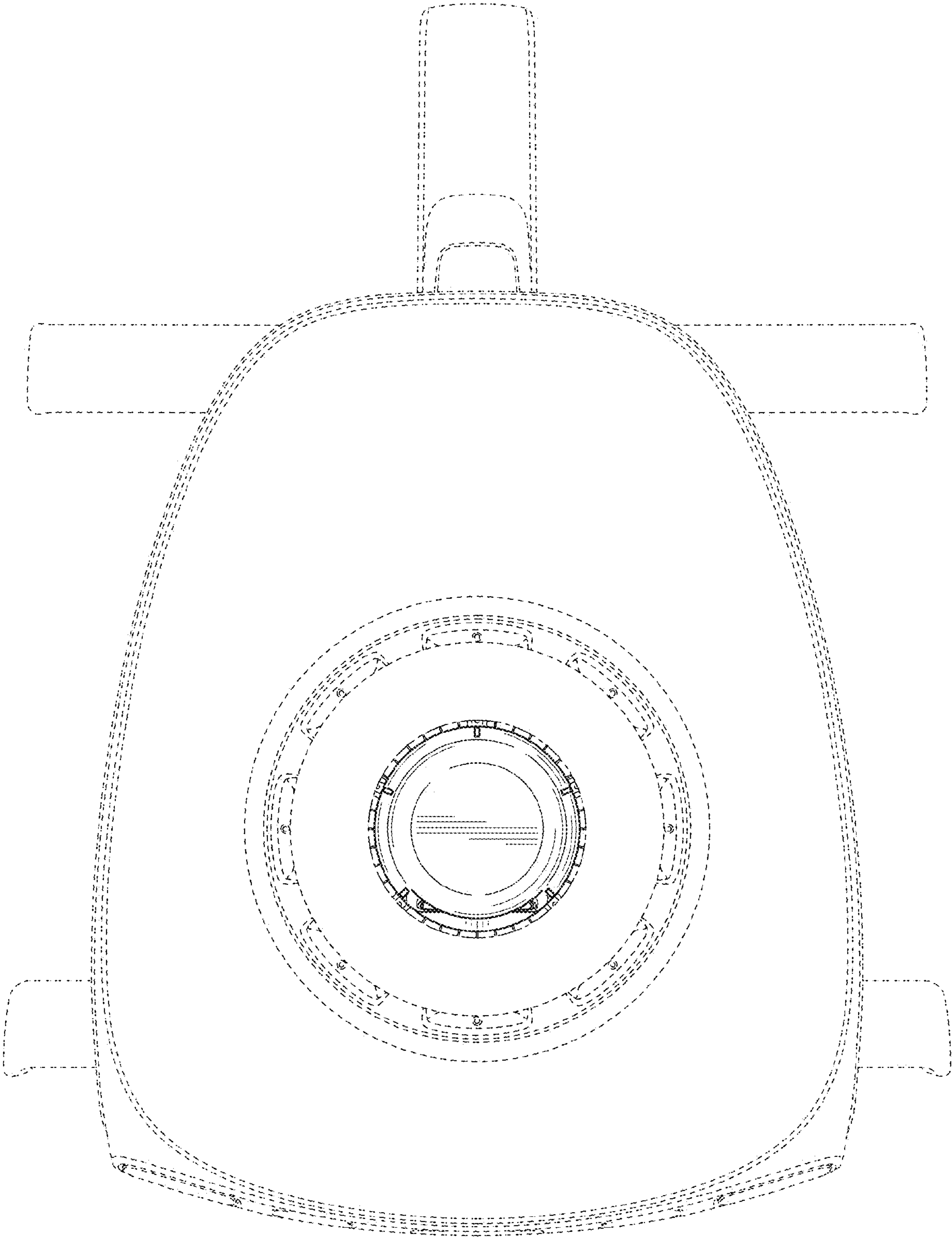


FIG. 6

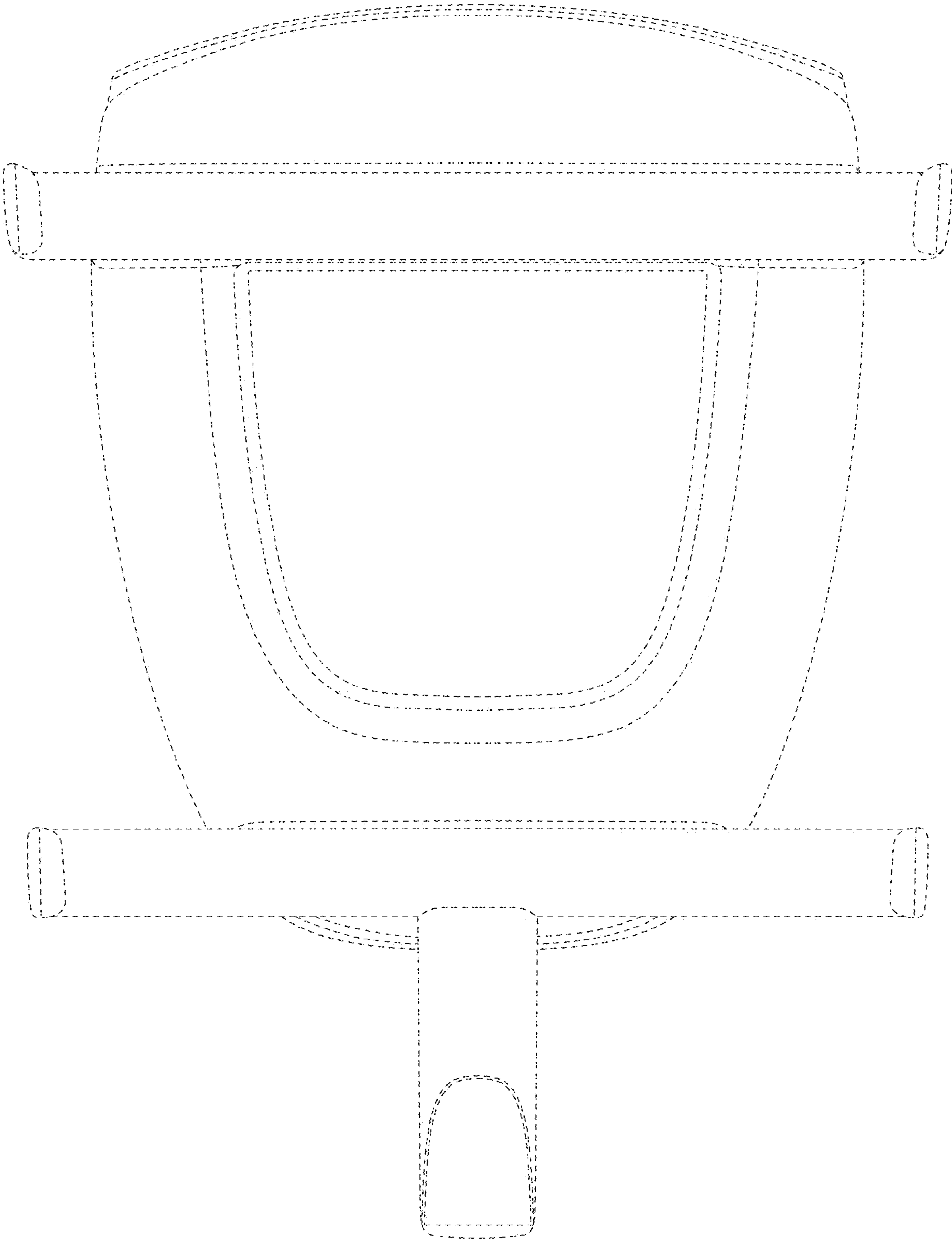


FIG. 7

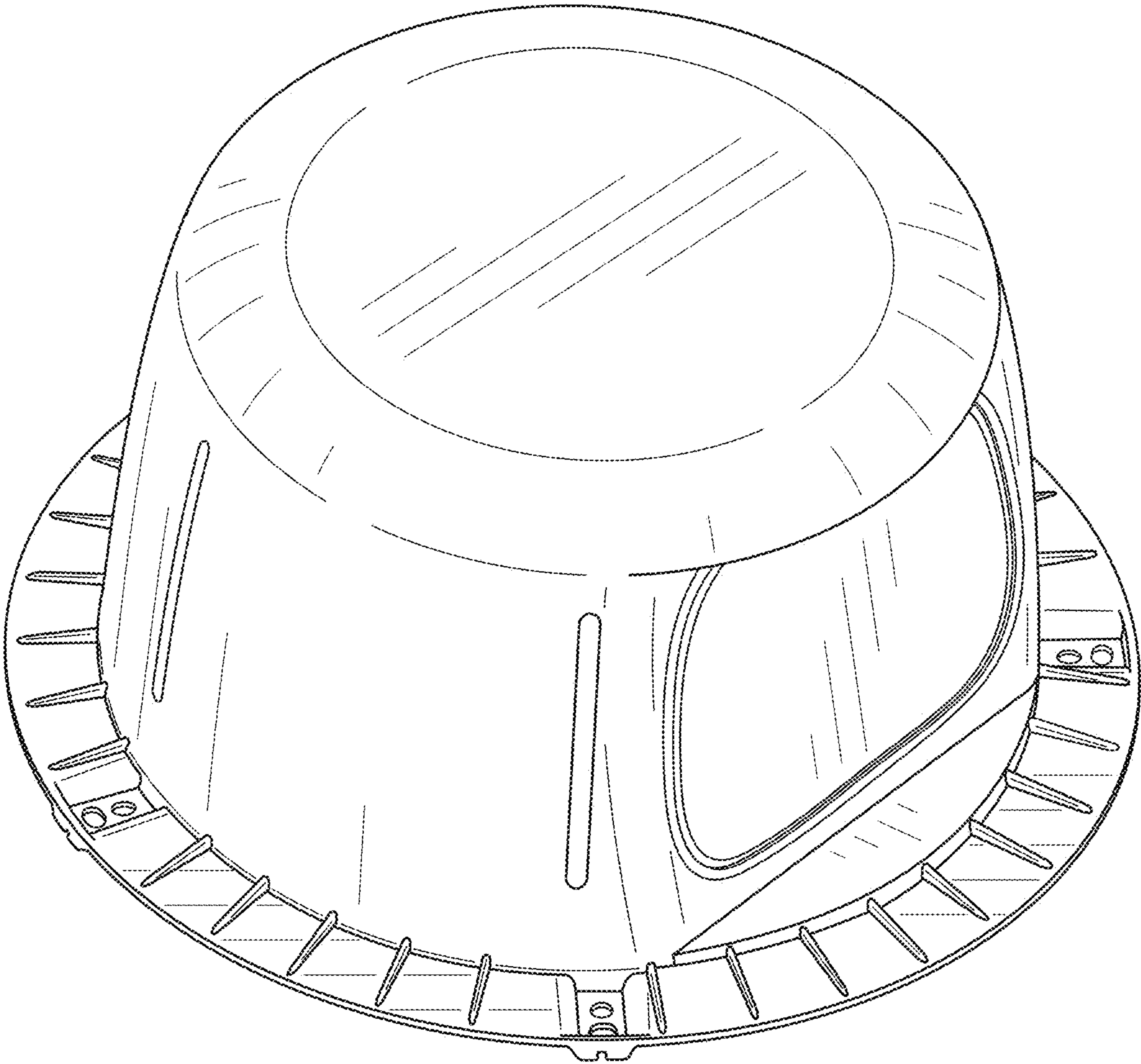


FIG. 8

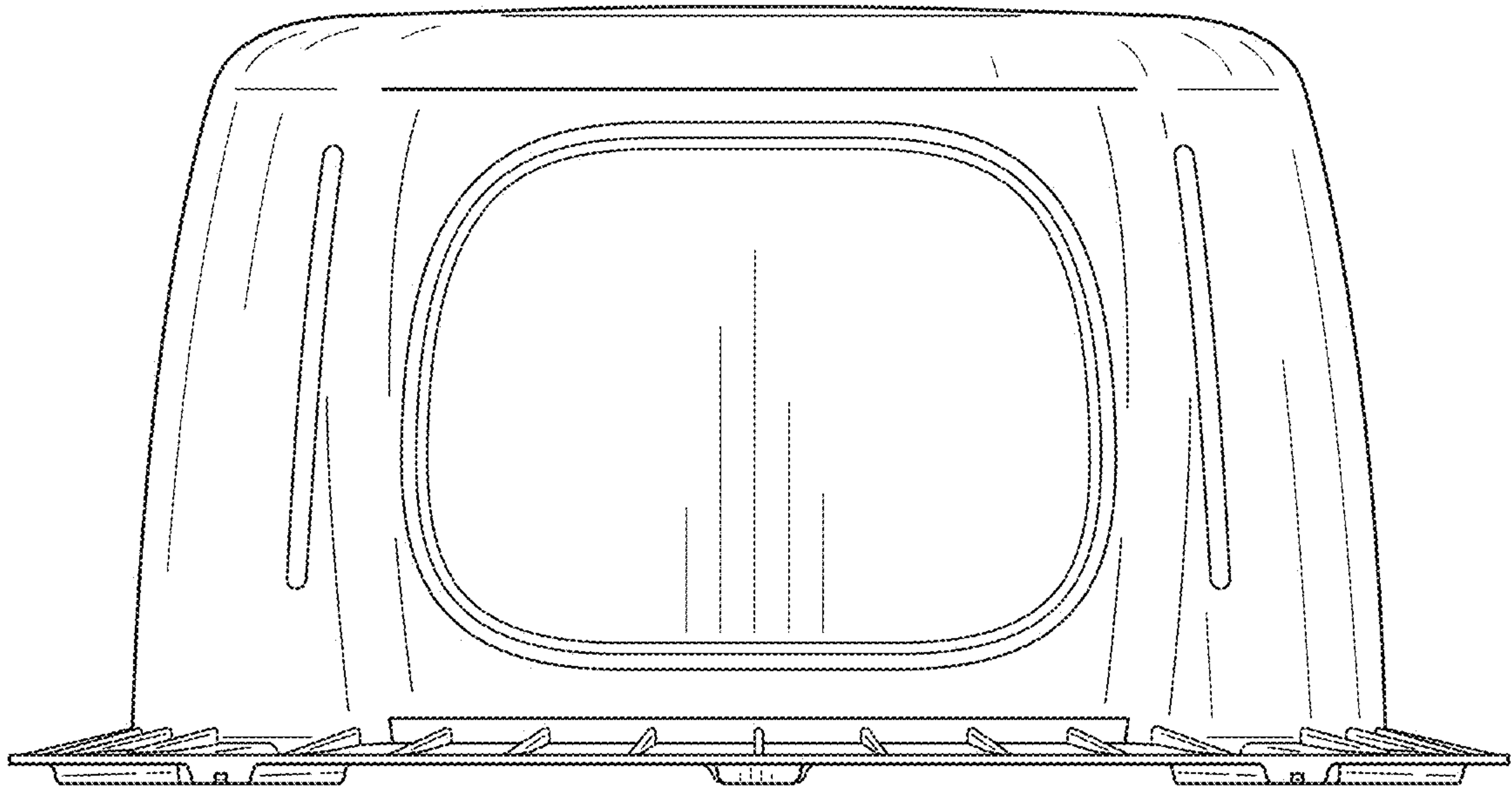


FIG. 9

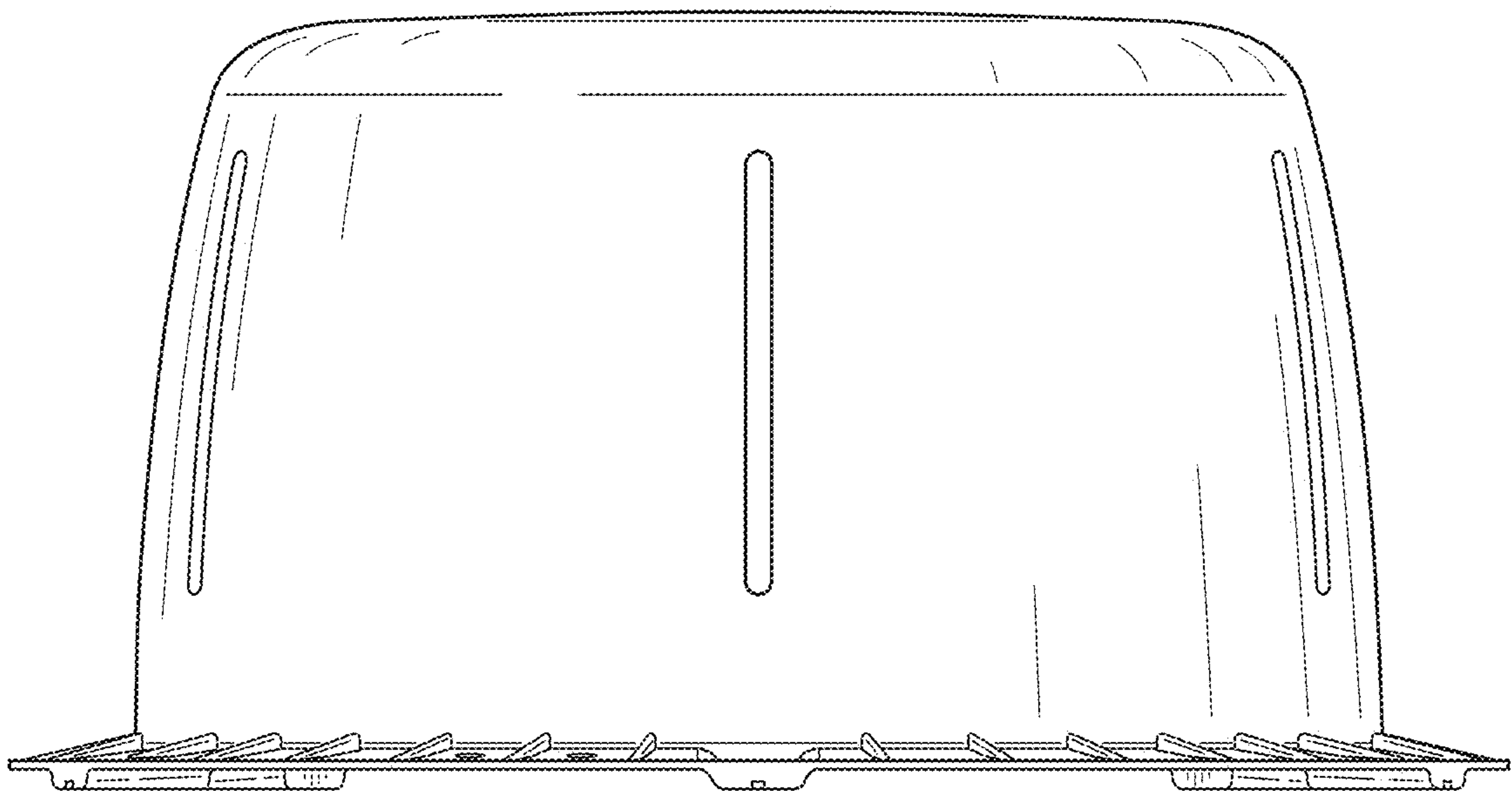


FIG. 10

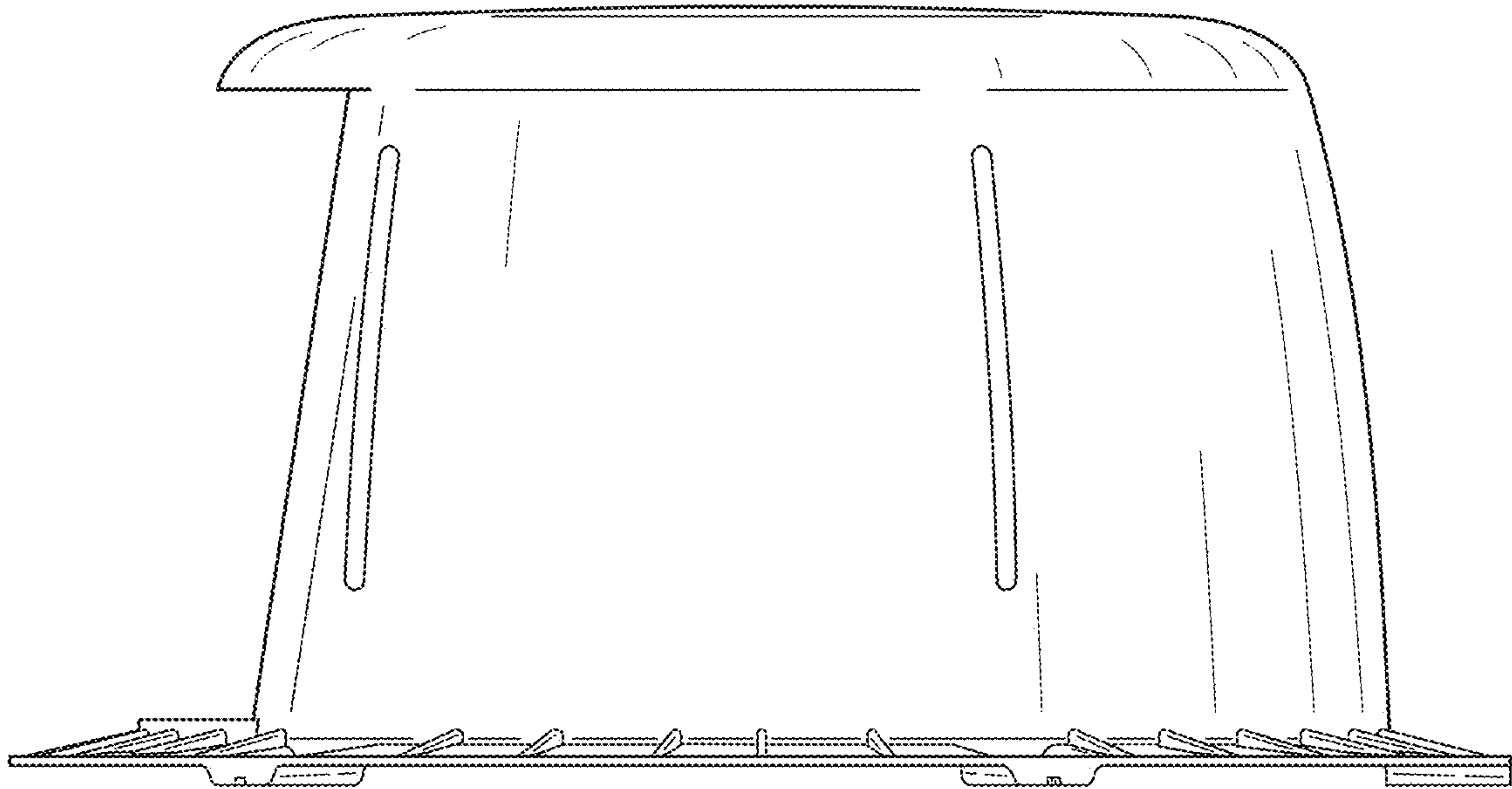


FIG. 11

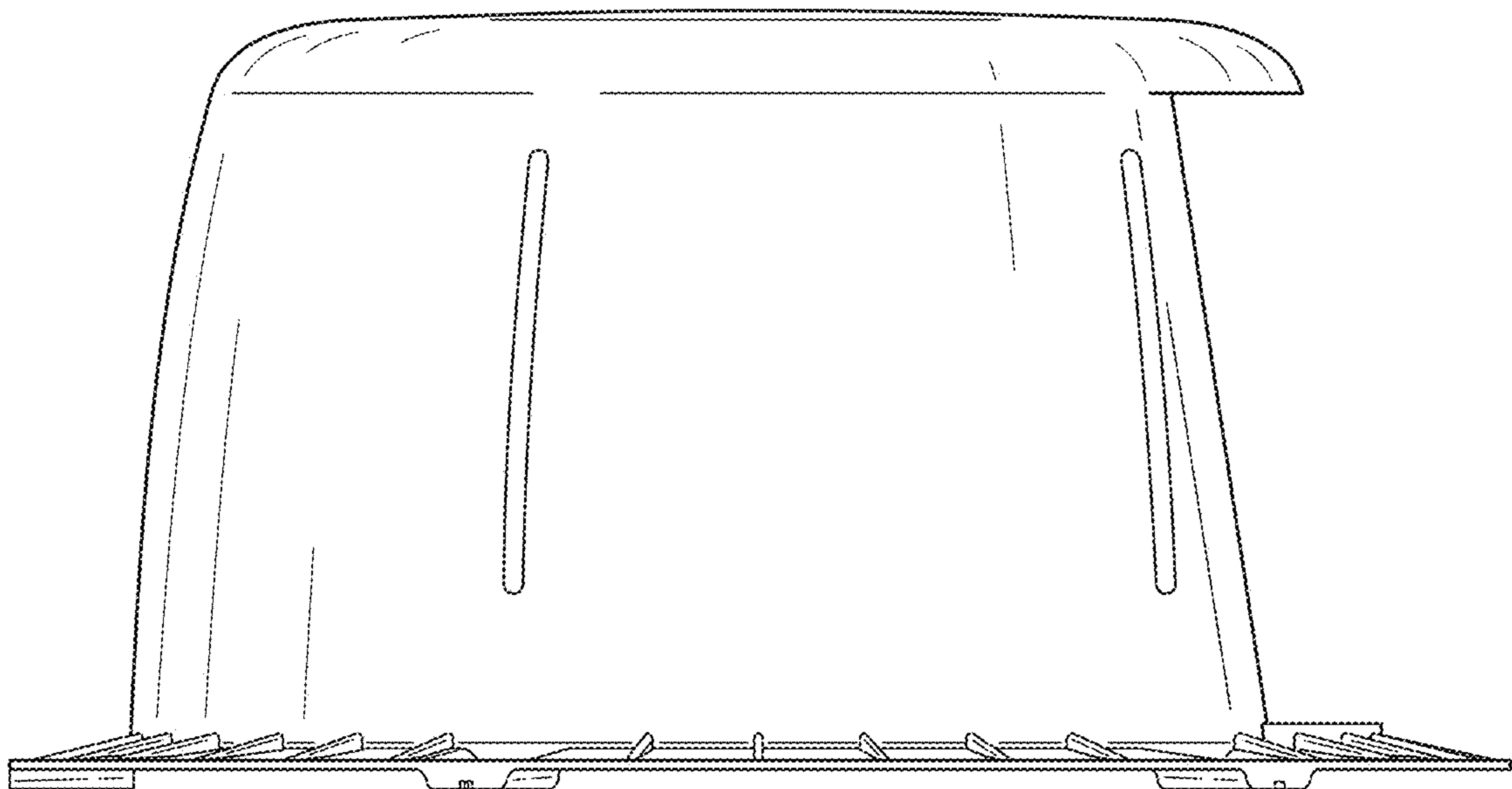


FIG. 12

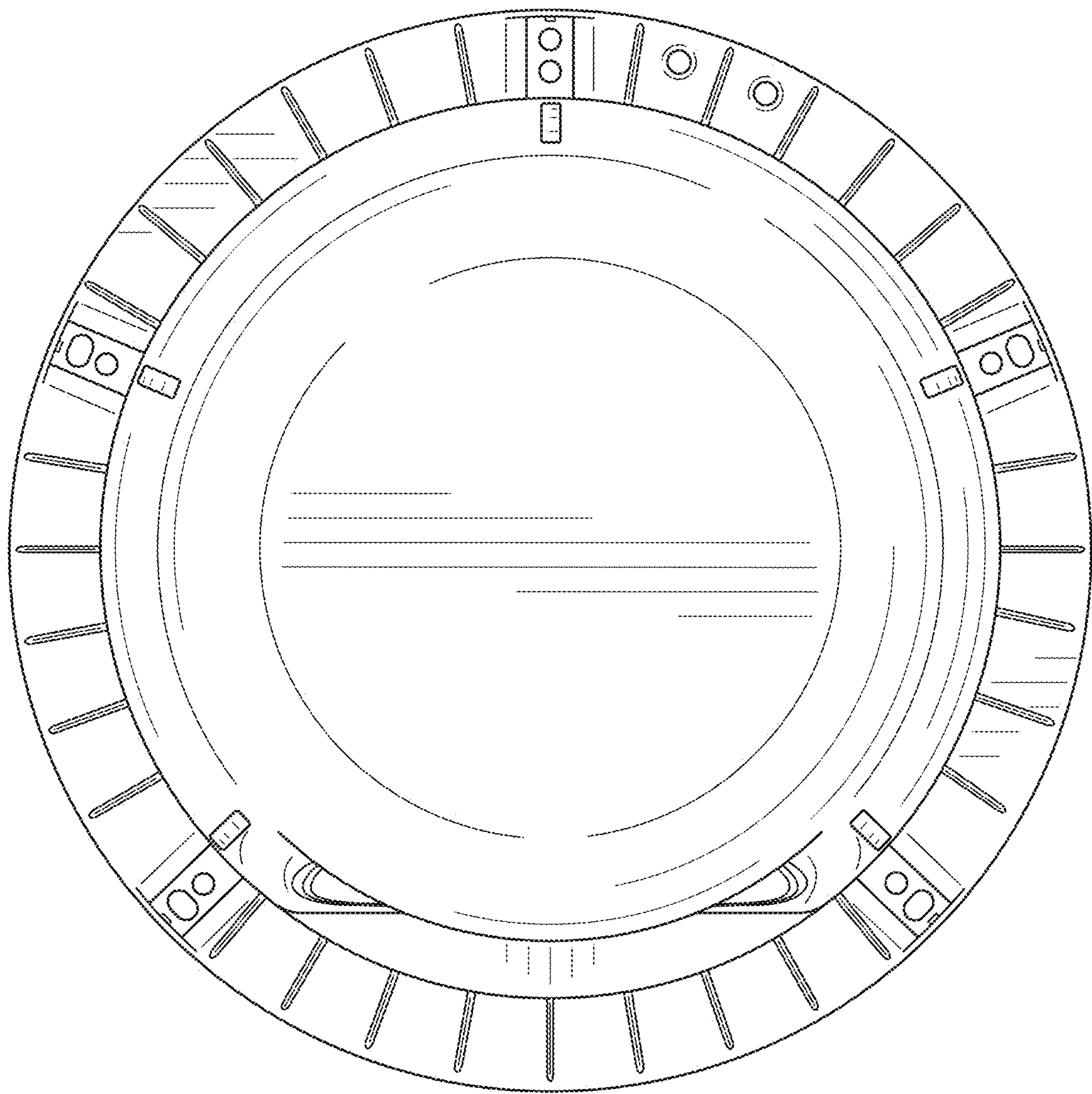


FIG. 13