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

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(54) **MECHANISM FOR FORMING ORTHOGONAL JOINTS IN CONDUITS**

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(73) Assignee: **Nation Wide Products LLC**, Abilene, TX (US)

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

(21) Appl. No.: **29/707,004**

(22) Filed: **Sep. 25, 2019**

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

(52) **U.S. Cl.**
USPC ..... **D10/64**

(58) **Field of Classification Search**
USPC ..... D8/71; D10/61, 62, 64, 65
(Continued)

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*Primary Examiner* — Leanne Was-Englehart

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(57) **CLAIM**

The ornamental design for a mechanism for forming orthogonal joints in conduits, as shown and described.

**DESCRIPTION**

FIG. **1** is a front view of a mechanism for forming orthogonal joints in conduits in a first implementation, the mechanism in a closed configuration;
FIG. **2** is a back view of the mechanism for forming orthogonal joints in conduits in a first implementation, the mechanism in a closed configuration;
FIG. **3** is a first side view of the mechanism for forming orthogonal joints in conduits in a first implementation, the mechanism in a closed configuration;
FIG. **4** is a second side view of the mechanism for forming orthogonal joints in conduits in a first implementation, the mechanism in a closed configuration;
FIG. **5** is a top view of the mechanism for forming orthogonal joints in conduits in a first implementation, the mechanism in the closed configuration;
FIG. **6** is a bottom view of the mechanism for forming orthogonal joints in conduits in a first implementation, the mechanism in a closed configuration;
FIG. **7** is a perspective view of the mechanism for forming orthogonal joints in conduits in a first implementation, the mechanism in a closed configuration;
FIG. **8** is a front view of the mechanism for forming orthogonal joints in conduits in a first implementation, the mechanism in an open configuration;
FIG. **9** is a back view of the mechanism for forming orthogonal joints in conduits in a first implementation, the mechanism in an open configuration;
FIG. **10** is a first side view of the mechanism for forming orthogonal joints in conduits in a first implementation, the mechanism in an open configuration;
FIG. **11** is a second side view of the mechanism for forming orthogonal joints in conduits in a first implementation, the mechanism in an open configuration;
(Continued)

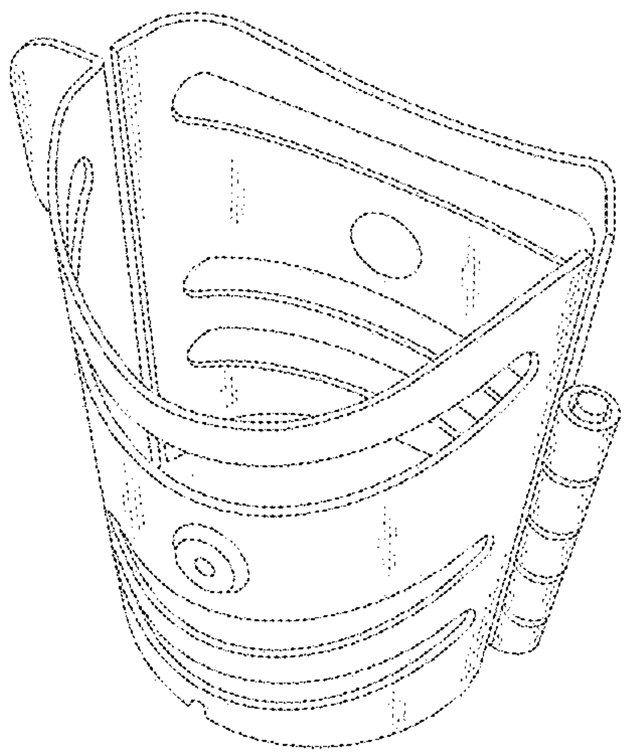

FIG. **12** is a top view of the mechanism for forming orthogonal joints in conduits in a first implementation, the mechanism in an open configuration; and,

FIG. **13** is a bottom view of the mechanism for forming orthogonal joints in conduits in a first implementation, the mechanism in an open configuration.

Surface shading in the figures is provided to indicate contour or shine. All other surface(s) or portion(s) of the mechanism not shown in the figures or otherwise described in the specification form no part of the claimed designs. The broken lines form no part of the claimed design. For example, the broken lines depict portions of the mechanism for forming orthogonal joints in conduits that form no part of the claimed design.

**1 Claim, 13 Drawing Sheets**

(58) **Field of Classification Search**
CPC ..... B25H 7/005; B25H 7/045; F16L 25/14; F16L 1/06; B43L 13/20
See application file for complete search history.

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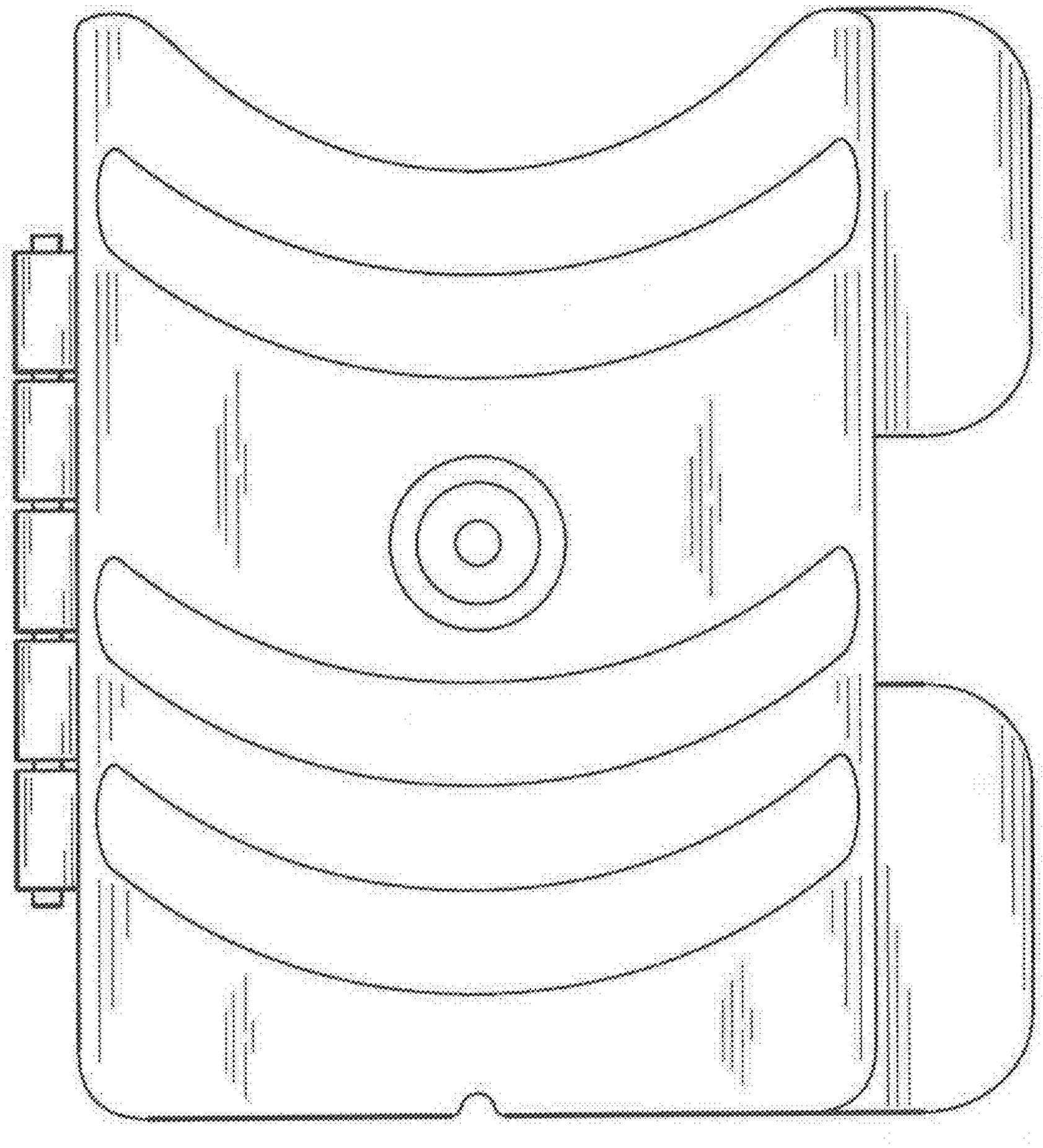

FIG. 1

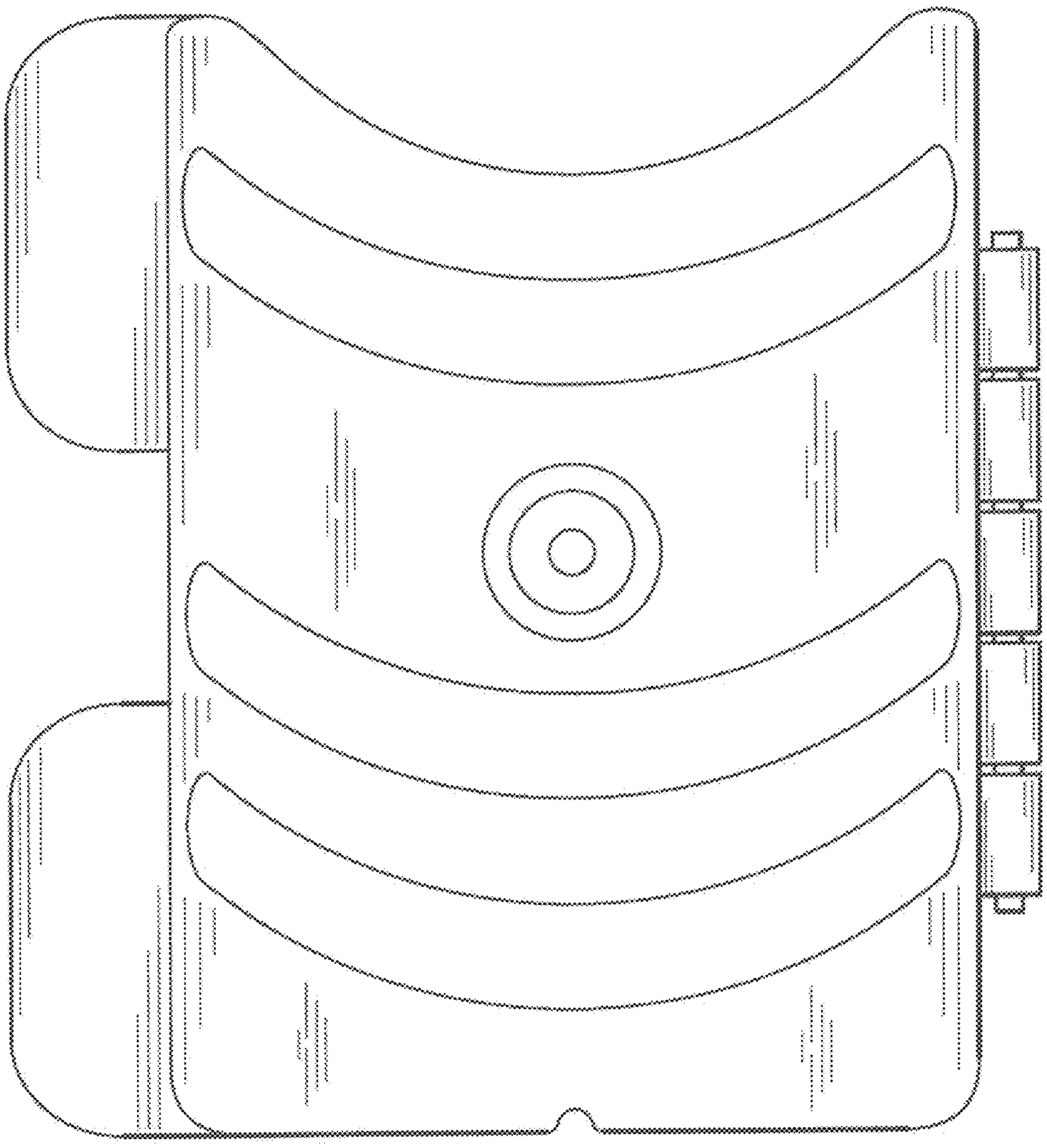

FIG. 2

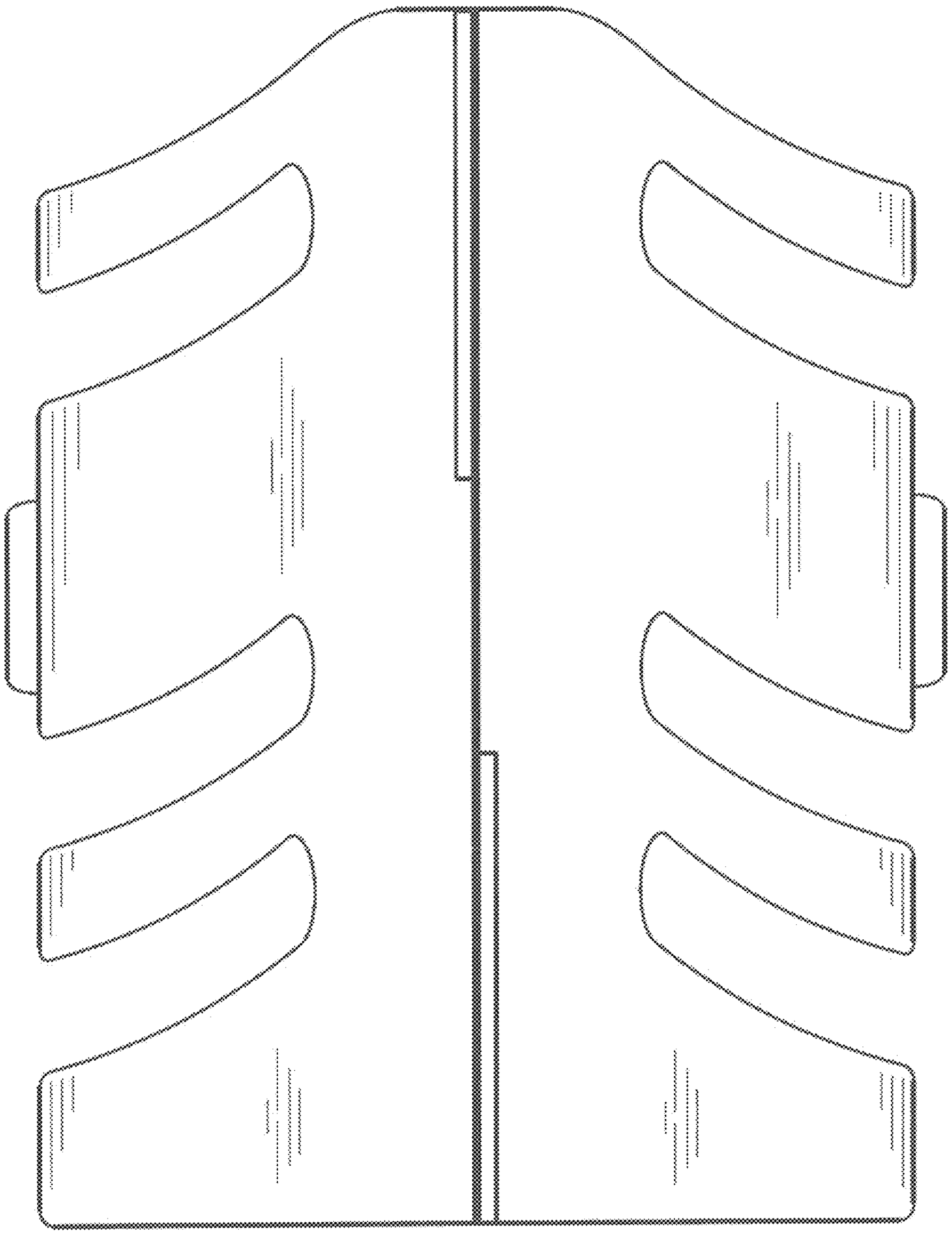

FIG. 3

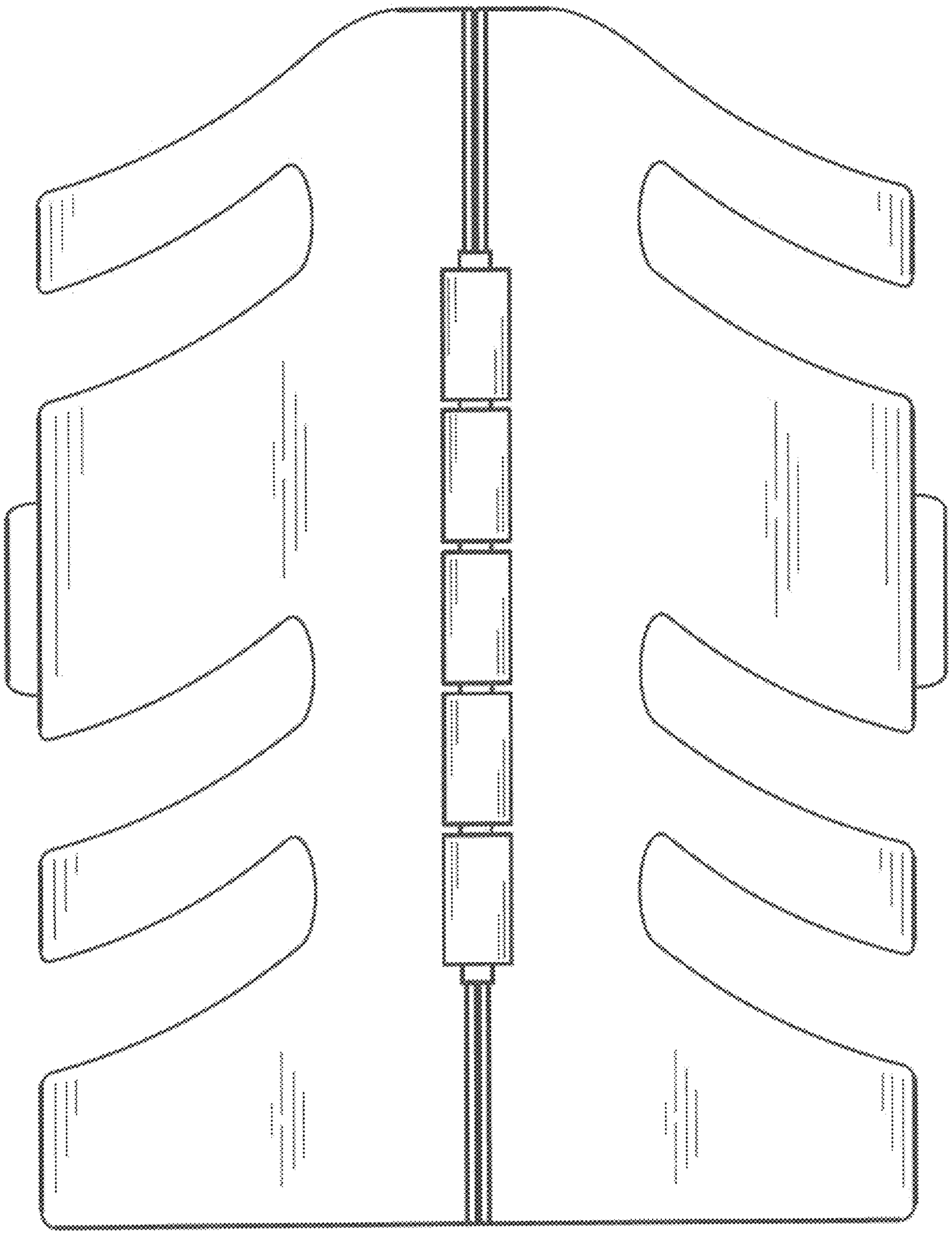

FIG. 4

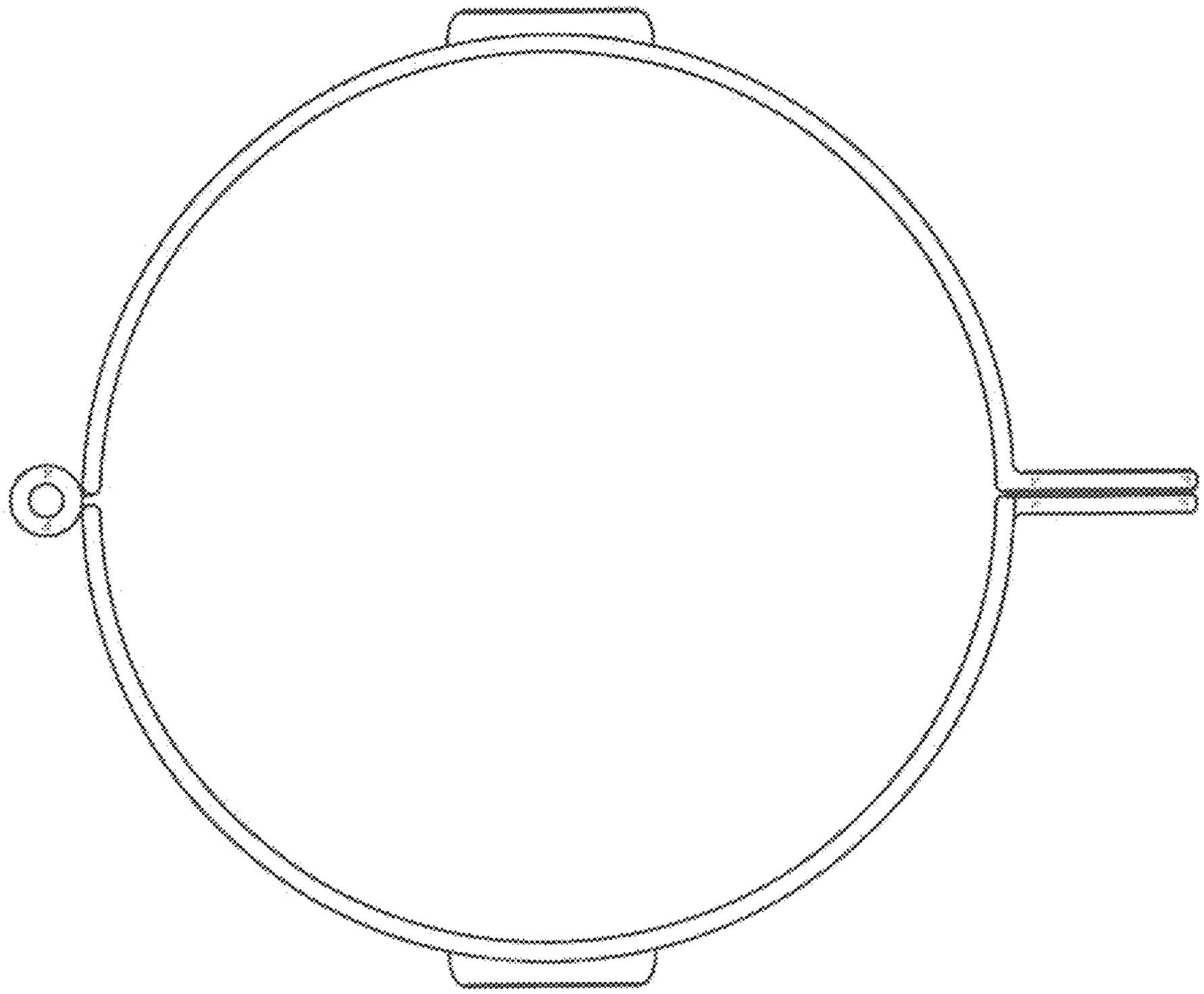

FIG. 5

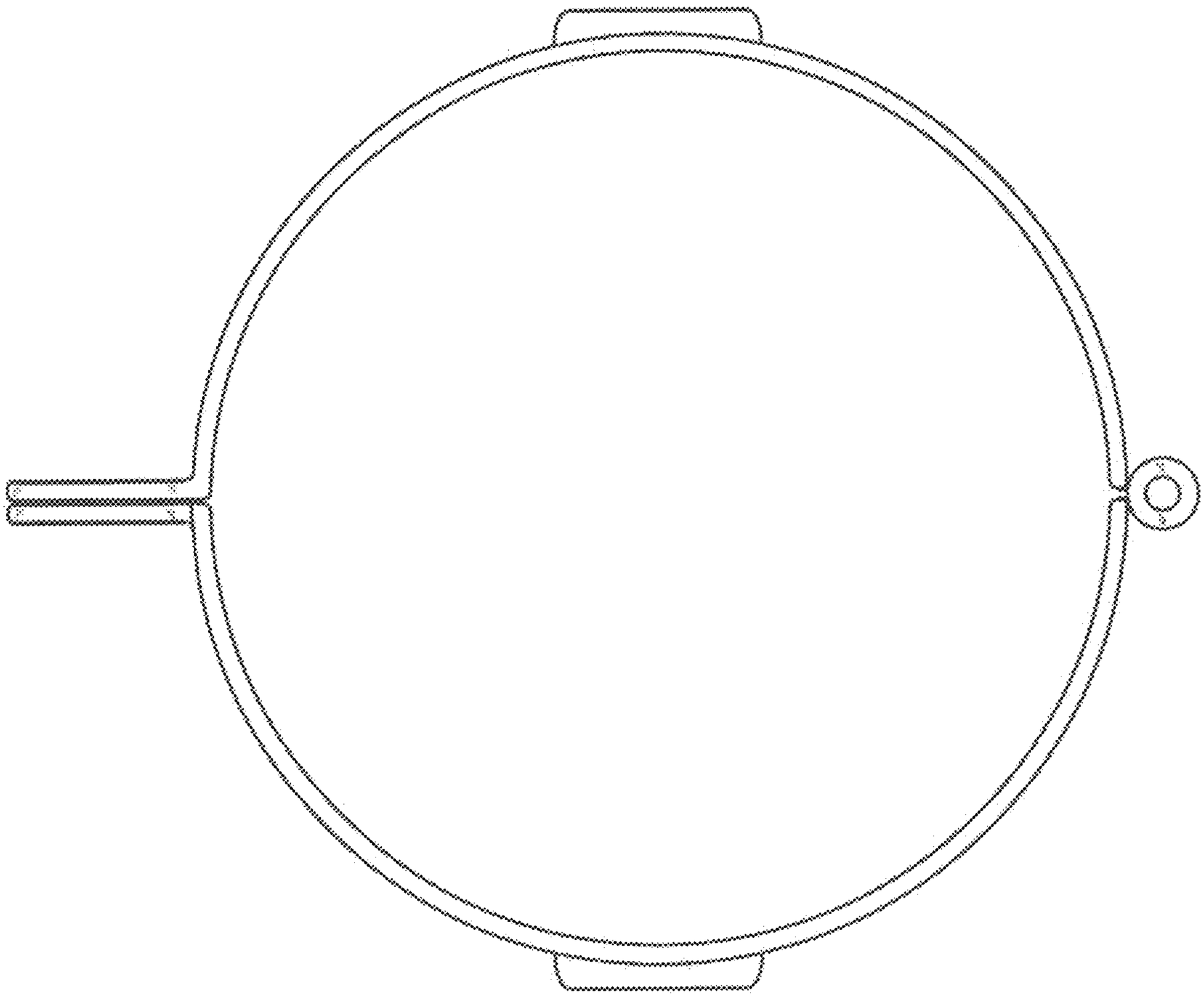

FIG. 6

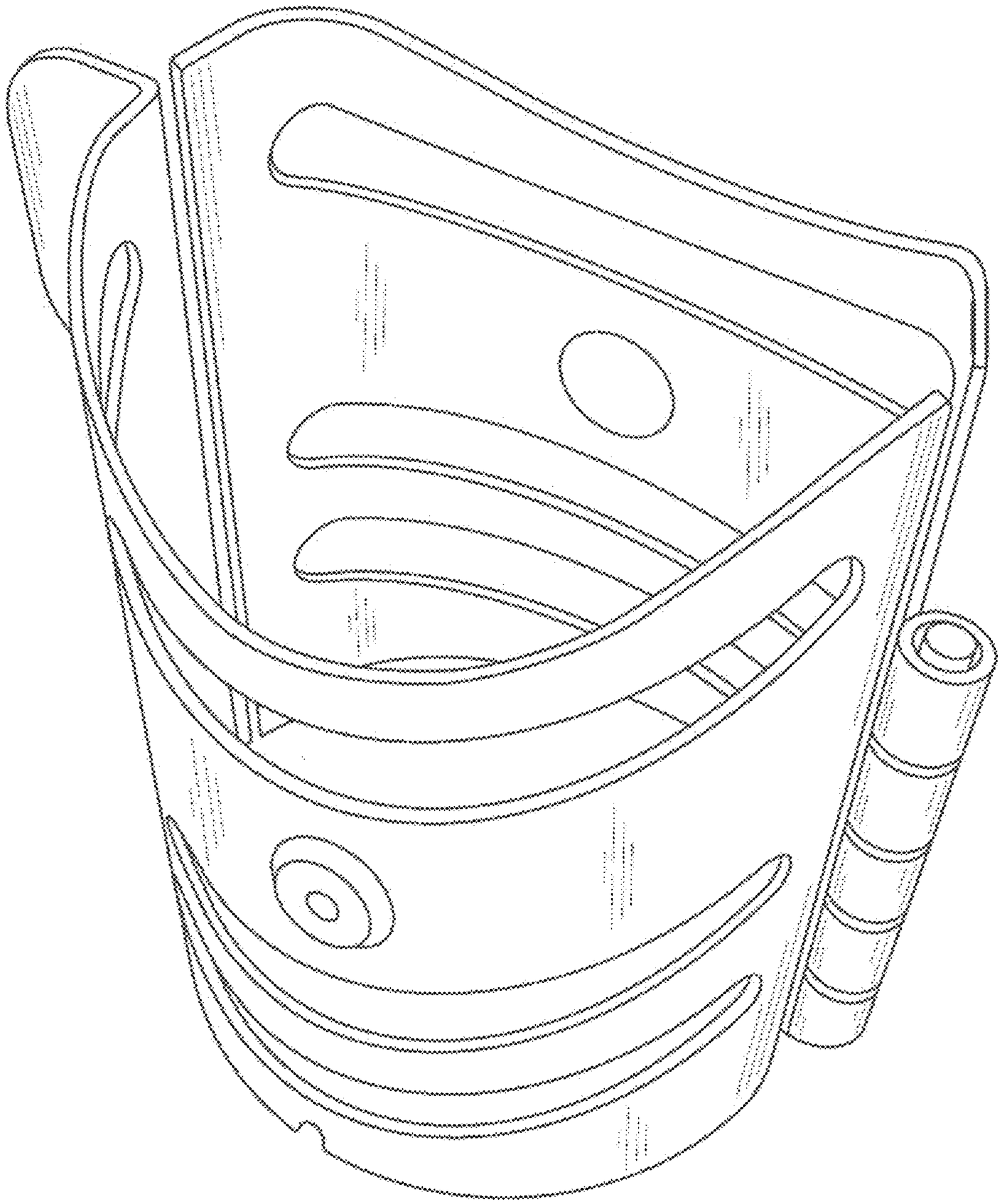

FIG. 7

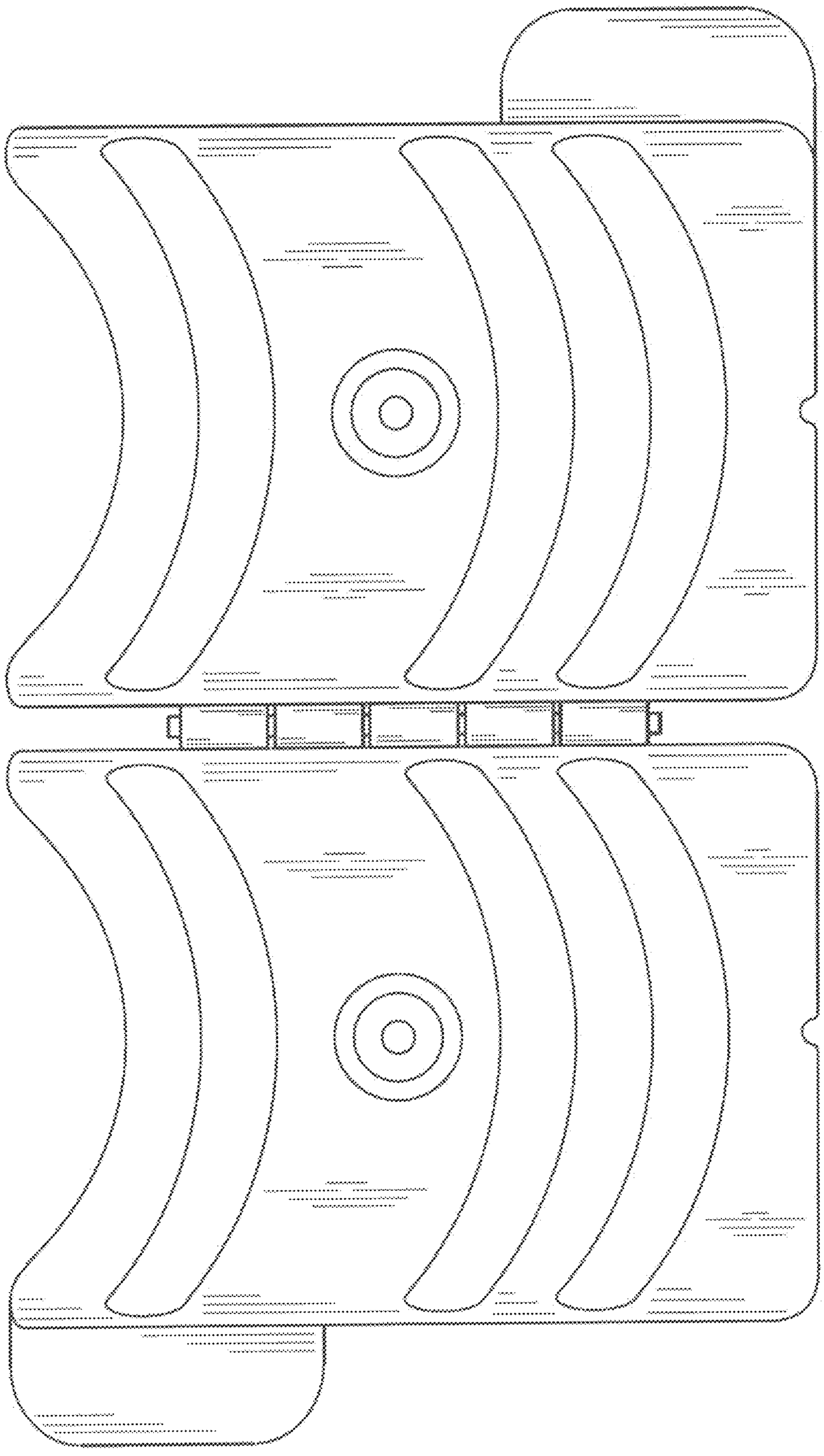

FIG. 8

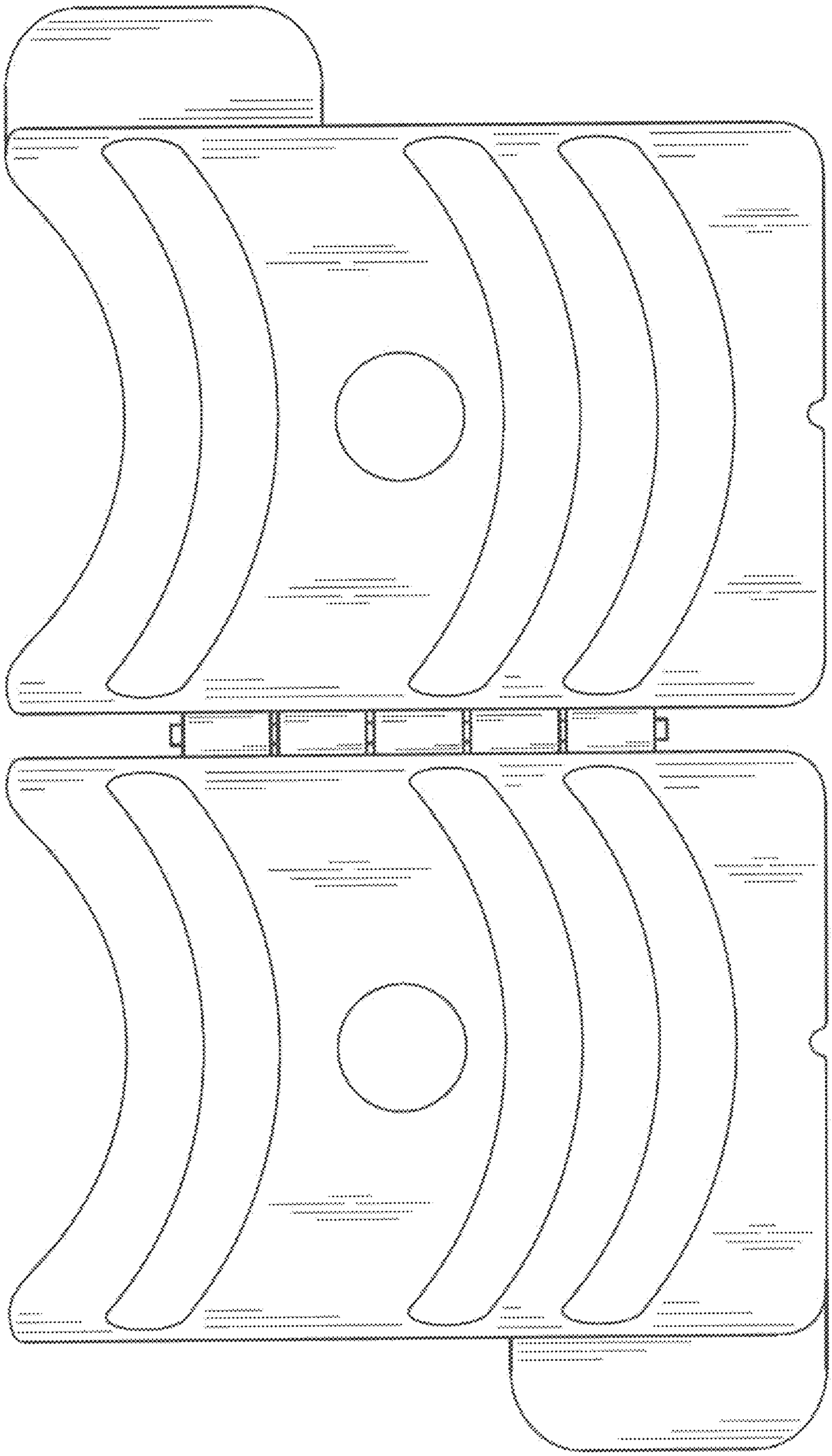

FIG. 9

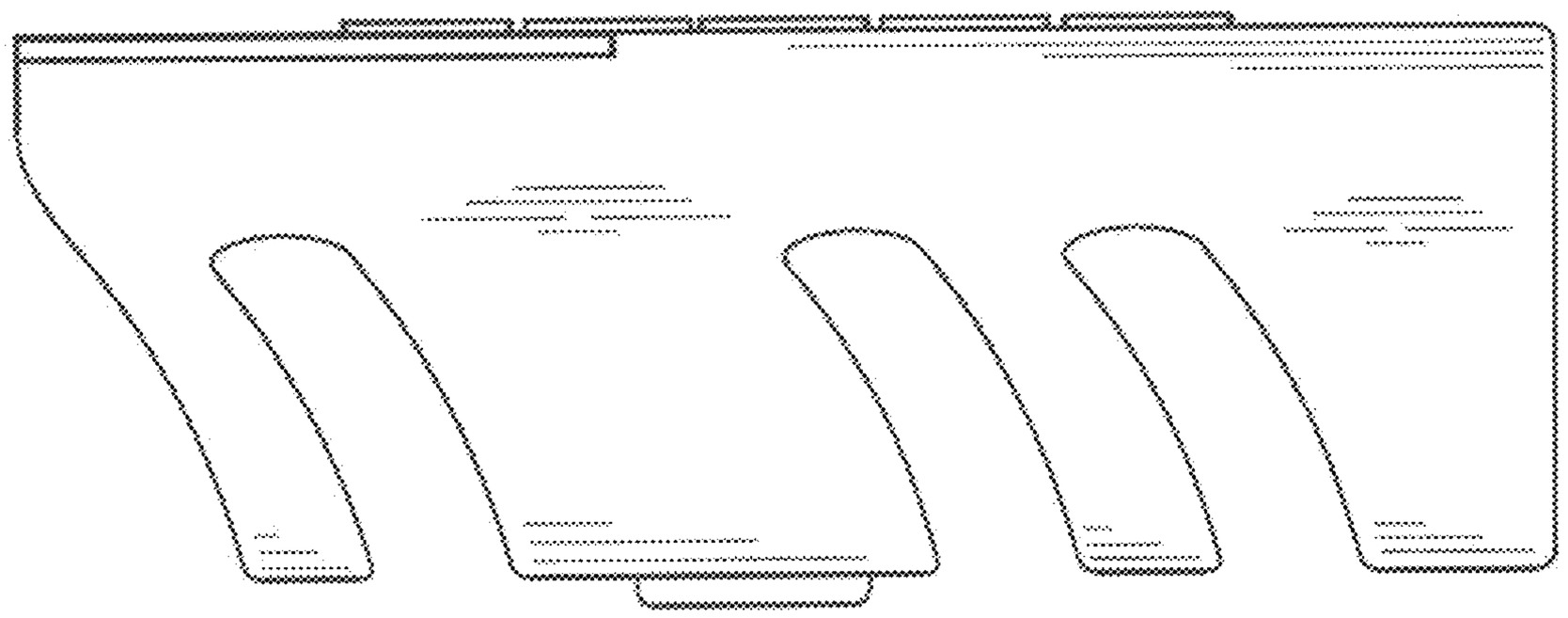

FIG. 10

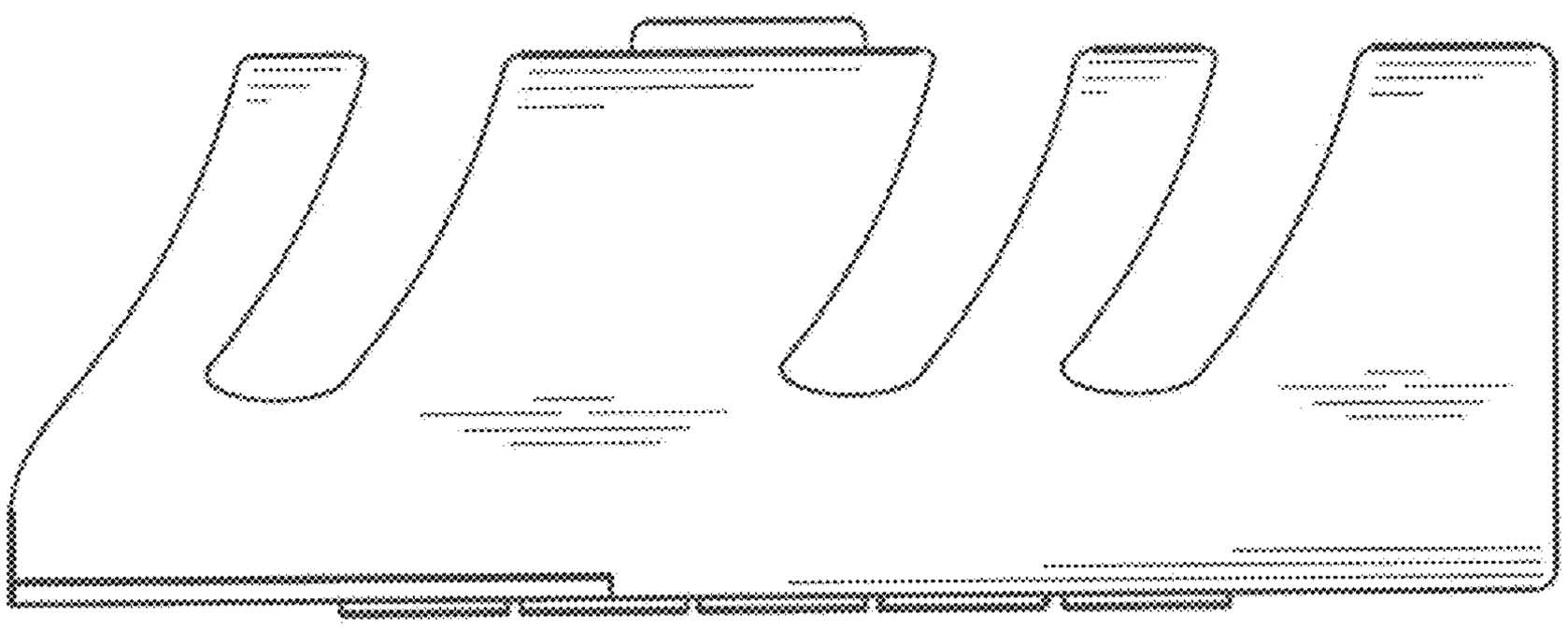

FIG. 11

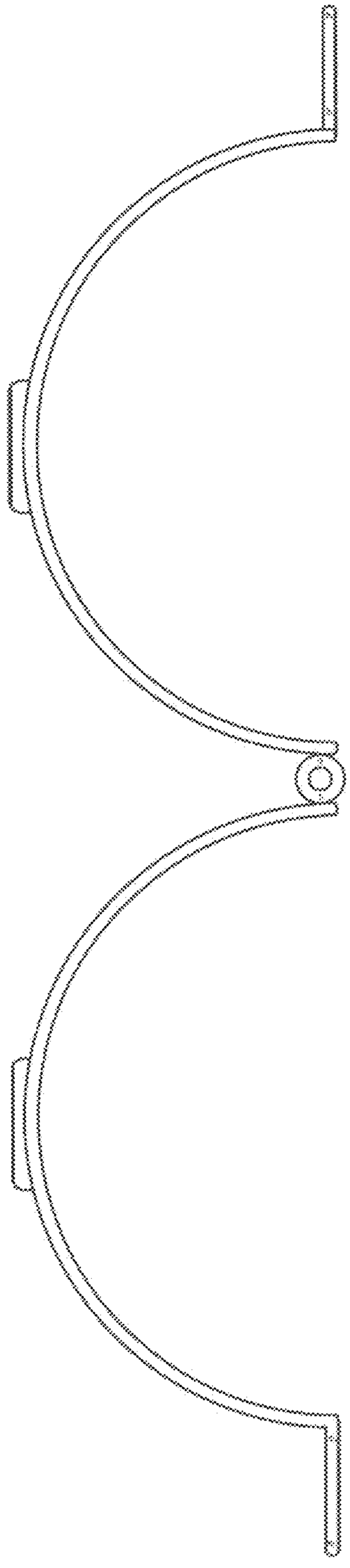

FIG. 12

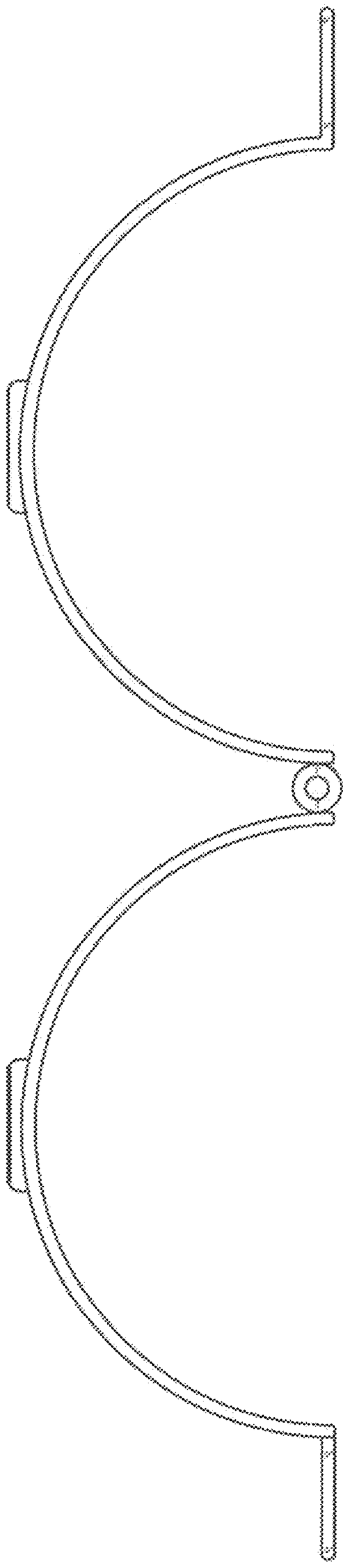

FIG. 13