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(12) **United States Design Patent** (10) **Patent No.:** **US D936,283 S**
Nagai (45) **Date of Patent:** **** Nov. 16, 2021**

(54) **DISPOSABLE HAIR WASHING AID FOR MEDICAL PURPOSES**

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

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(52) **U.S. Cl.**
USPC **D28/20**

(58) **Field of Classification Search**
USPC D28/9, 20, 99

(Continued)

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(57) **CLAIM**

The ornamental design for a disposable hair washing aid for medical purposes, as shown and described.

DESCRIPTION

1. Disposable hair washing aid for medical purposes

1.1 : Front

1.2 : Back

1.3 : Right

1.4 : Left

1.5 : Top

1.6 : Bottom

1.7 : A-A' line cut section end view

1.8 : B-B' line cut section end view

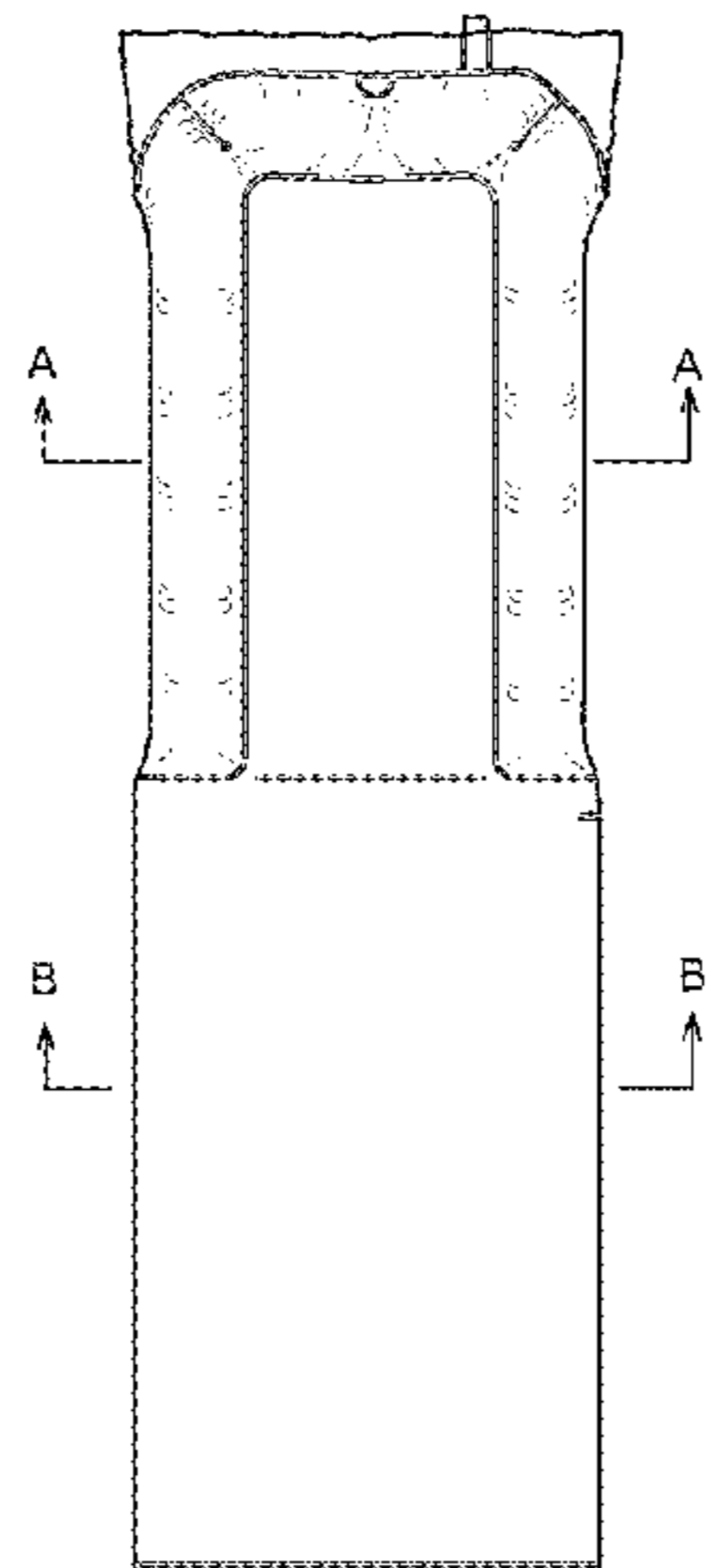
1.9 : Reference front view for non-air filling

1.10: Reference back view for non-air filling

1.11 : Reference perspective view during use

This article is a disposable hair washing aid for medical purposes made of a double rectangular sheet having non-liquid permeable flexibility, which is provided with a U-shaped cylindrical air filling portion formed by being expanded by air filling, a bottom surface portion consisting of a double sheet of floating floor surrounded by the U-shaped cylindrical air filling portion, and a remaining portion of the double rectangular sheet connected to the bottom surface portion; further, a notch is provided in a portion close to one bottom surface portion on the long side of the remaining portion of the double rectangular sheet; at one end of the short side of the double rectangular sheet, an end portion formed so that an air filling port provided with a check valve is integrated with a U-shaped cylindrical air filling portion; the U-shaped cylindrical air filling portion is composed of two parallel long side parts and a short side part substantially orthogonal to the two parallel long side parts; the U-shaped cylindrical air filling portion that is expanded by air filling toward the center portion of the seat and a floating floor-like bottom portion surrounded by the U-shaped cylindrical air filling portion are provided; the bottom surface portion is in a floating floor state separated from the floor as shown in the end view of the A-A' line cut portion when the U-shaped cylindrical air filling portion is filled with air and expands; the outer side near the center of

(Continued)



the short side of the U-shaped cylindrical air filling portion and the outer side of the corner of the U-shaped cylindrical air filling portion are partly fused, so the opposed long side portions of the cylindrical air filling portion are not approached despite being filled with air, and one long side is not lifted up; the hatching at front and back views shows a state where the double sheets are fused; the bottom surface portion is pushed down by the weight of a part of the body such as the head of the person to be cleaned placed on the bottom portion, so that a dent is generated, whereby a water tank is temporarily formed; a drainage channel for guiding water from the water storage tank is formed as needed by pressing down a part of the sheet on the bottom surface portion of the floating floor; the length of the remaining portion of the double rectangular sheet connected to the bottom surface existing on the other end side of the double rectangular sheet short side is such that it can maintain a state of hanging down to the bedside floor; when one surface of the remaining portion of the double rectangular sheet is cut from the notch, a gap inside the portion indicated by the B-B' line is opened to form a water storage bag; the reference front view and the reference back view and the reference perspective view showing the use state are form no part the claimed design; the reference front view and the reference back view show a state in which air is extracted from a U-shaped cylindrical air filling portion in the disposable cleaning aid of the present article; the hatching at the reference front view and the reference back view shows a state where the double sheets are fused; the reference perspective view showing the use state shows a state in which the disposable hair washing aid for medical purposes of the present product is used on the bed, and the disposable hair washing aid for medical purposes of this article is disposed sideways on the bed; and the disposable hair washing aid for medical purposes of this article is arranged so that the double rectangular sheet connected to the bottom part consisting of the floating floor of the double floor surrounded by the U-shaped cylindrical air filling part hangs down to the bedside; further, the end of the double rectangular sheet arranged to hang down is arranged so as to enter the bucket placed on the floor.

1 Claim, 11 Drawing Sheets

(58) Field of Classification Search

CPC .. A61K 2300/00; A61K 35/74; A61K 36/185; A61K 36/752; A61K 33/30; A61K 36/05; A61K 36/28; A61K 36/738; A61K 38/19; A61K 38/191; A61K 2039/545; A61K 33/04; A61K 33/24; A61K 35/17; A61K 39/12; A61K 39/39; A61K 8/37; A61K 9/0014; A61K 9/06; A61K 2035/115; A61K 2039/505; A61K 2039/507; A61K 2039/51; A61K 2039/5158; A61K 2039/53; A61K 2039/54; A61K 2039/552; A61K 2039/55505; A61K 2039/55527;

A61K 2039/55533; A61K 2039/55555; A61K 2039/55561; A61K 2039/55566; A61K 2039/55588; A61K 2039/572; A61K 2039/6025; A61K 2039/64; A61K 2236/00; A61K 2800/222; A61K 31/015; A61K 31/07; A61K 31/198; A61K 31/202; A61K 31/355; A61K 31/375; A61K 31/4172; A61K 31/4439; A61K 31/455; A61K 31/4709; A61K 31/51; A61K 31/519; A61K 31/525; A61K 31/5377; A61K 31/59; A61K 31/675; A61K 31/7004; A61K 31/7034; A61K 31/7052; A61K 31/7088; A61K 31/714; A61K 33/00; A61K 33/06; A61K 33/18; A61K 33/26; A61K 33/32; A61K 33/38; A61K 35/16; A61K 35/644; A61K 35/741; A61K 35/745; A61K 36/11; A61K 36/23; A61K 36/346; A61K 36/61; A61K 36/63; A61K 36/73; A61K 36/736; A61K 36/76; A61K 36/87; A61K 36/88; A61K 36/886; A61K 36/8998; A61K 38/00; A61K 38/14; A61K 38/1793; A61K 38/18; A61K 38/1841; A61K 38/1875; A61K 38/2086; A61K 38/30; A61K 39/0011; A61K 39/09; A61K 39/155; A61K 39/215; A61K 39/245; A61K 39/395; A61K 45/06; A61K 47/44; A61K 47/542; A61K 47/58; A61K 47/593; A61K 47/60; A61K 47/62; A61K 47/64; A61K 47/6903; A61K 47/6923; A61K 47/6929; A61K 47/6937; A61K 48/00; A61K 8/0204; A61K 8/046; A61K 8/19; A61K 8/23; A61K 8/362; A61K 8/365; A61K 8/42; A61K 8/463; A61K 8/466; A61K 8/4973; A61K 8/63; A61K 8/676; A61K 8/86; A61K 8/9789; A61K 8/9794; A61K 8/99; A61K 9/0024; A61K 9/0056; A61K 9/0087; A61K 9/0095; A61K 9/025; A61K 9/08; A61K 9/167; A61K 9/1682; A61K 9/2072; A61K 9/4808; A61K 9/5031; A61K 9/5192; A61K 9/703

See application file for complete search history.

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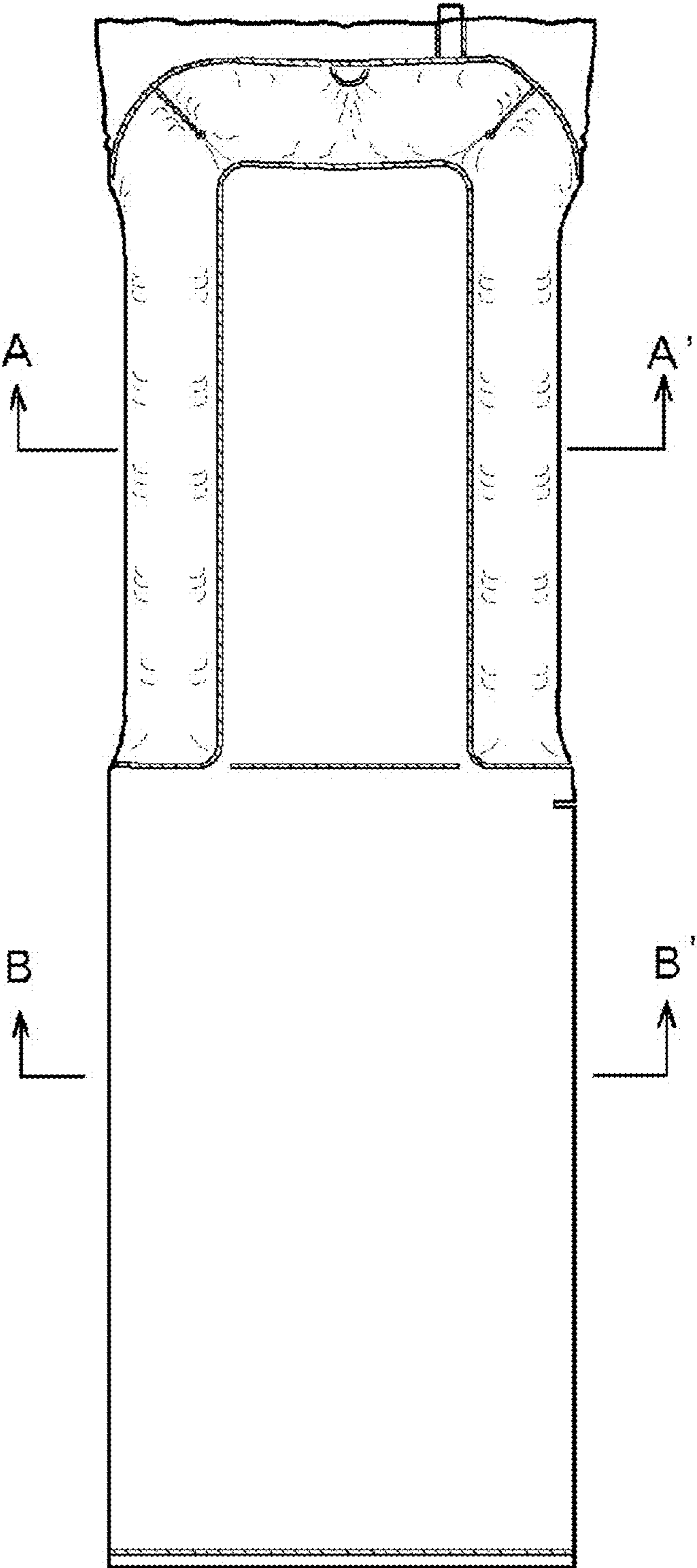
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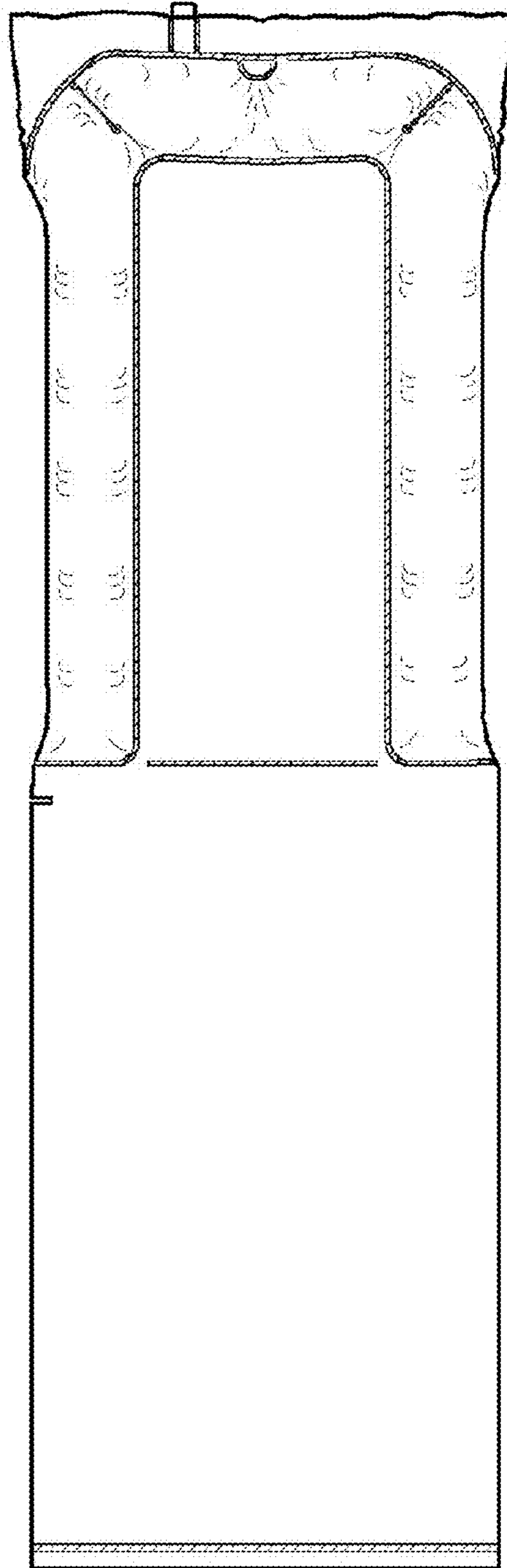
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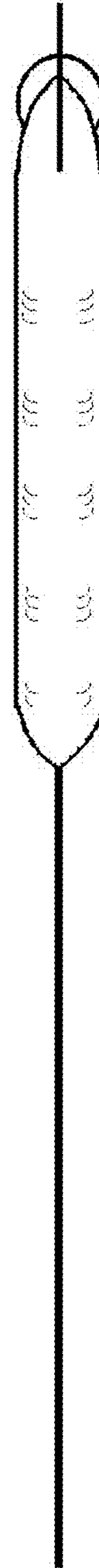
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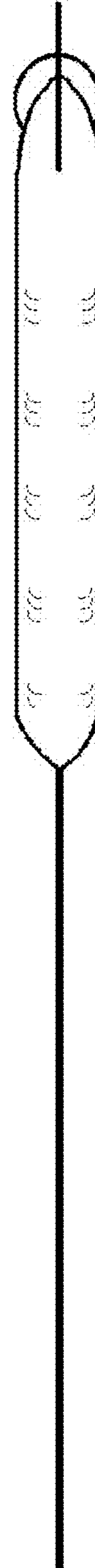
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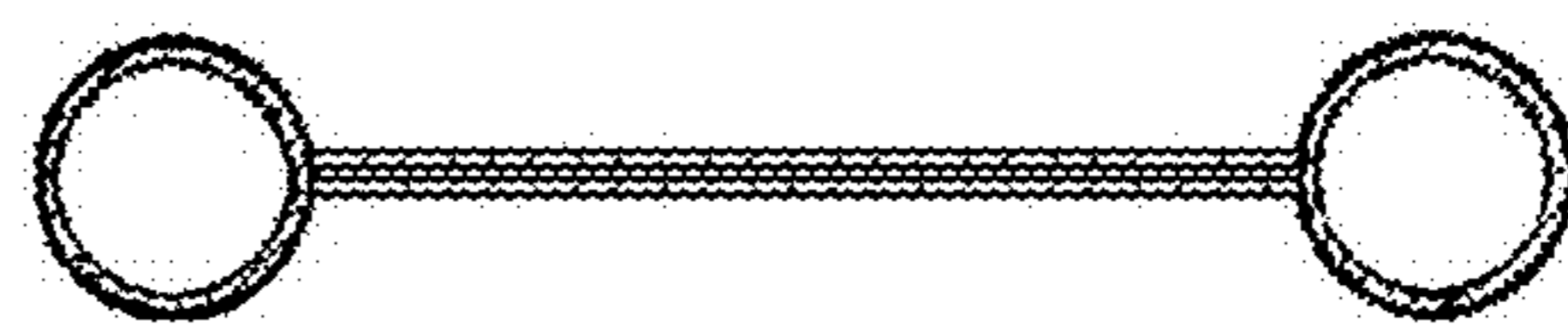
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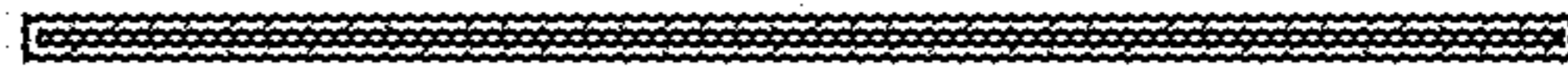
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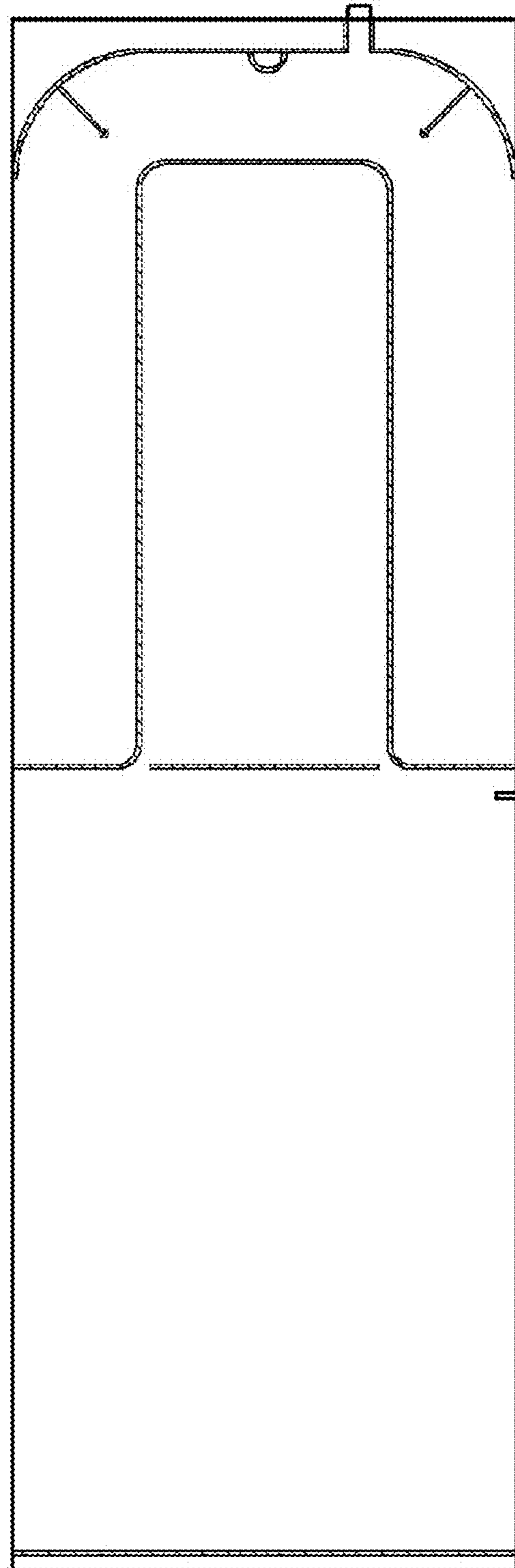
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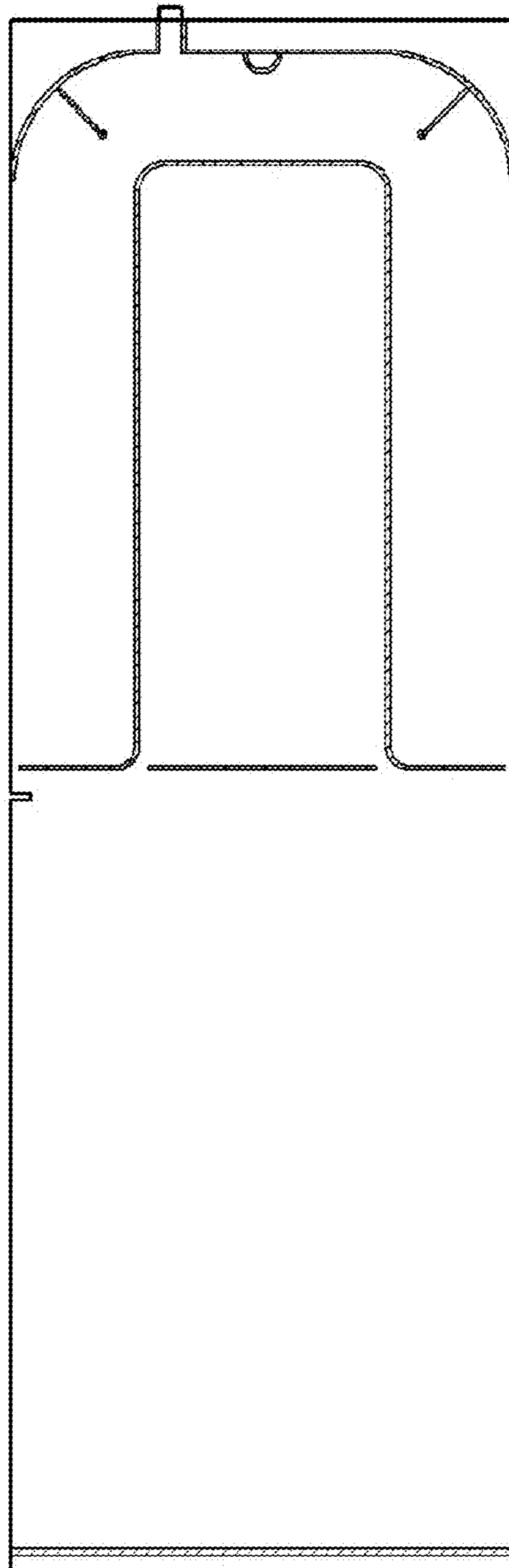
1.8



1.9



1.10



1.11

