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

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(45) **Date of Patent:** **** Oct. 16, 2018**

(54) **ARM REST APPARATUS**

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(73) Assignee: **DENSO CORPORATION**, Kariya (JP)

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

(21) Appl. No.: **29/541,386**

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(30) **Foreign Application Priority Data**

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Apr. 2, 2015 (JP) 2015-7535

(51) **LOC (11) Cl.** **12-12**

(52) **U.S. Cl.**
USPC **D12/133**

(58) **Field of Classification Search**
USPC D12/128-133

(Continued)

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Primary Examiner — Charles D Hanson
(74) *Attorney, Agent, or Firm* — Oliff PLC

(57) **CLAIM**

The ornamental designs for an arm rest apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a front view of an arm rest apparatus of our new design;

FIG. 2 is a rear view of the arm rest apparatus shown in FIG. 1;

FIG. 3 is a top view of the arm rest apparatus shown in FIG. 1;

FIG. 4 is a bottom view of the arm rest apparatus of FIG. 1;

FIG. 5 is a left side view of the arm rest apparatus shown in FIG. 1;

FIG. 6 is a right side view of the arm rest apparatus shown in FIG. 1;

FIG. 7A is a bottom view that excludes the unclaimed wire portion that partially obscures the claimed subject matter in FIG. 4;

FIG. 7B is an enlargement of area 7B in FIG. 7A;

FIG. 8 is a perspective view for a reference, which shows the arm rest apparatus in FIG. 1 with reference numbers;

FIG. 9 is a view for a reference, which shows a position relationship of the arm rest apparatus in FIG. 1 with respect to an arm;

FIG. 10 is a view for a reference, showing a using state of the arm rest apparatus;

FIG. 11 is a front view of an arm rest apparatus of our another new design;

FIG. 12 is a rear view of the arm rest apparatus shown in FIG. 11;

FIG. 13 is a top view of the arm rest apparatus shown in FIG. 11;

FIG. 14 is a bottom view of the arm rest apparatus of FIG. 11;

FIG. 15 is a left side view of the arm rest apparatus shown in FIG. 11;

FIG. 16 is a right side view of the arm rest apparatus shown in FIG. 11;

FIG. 17A is a bottom view that excludes the unclaimed wire portion that partially obscures the claimed subject matter in FIG. 14;

FIG. 17B is an enlargement of area 17B in FIG. 17A;

(Continued)

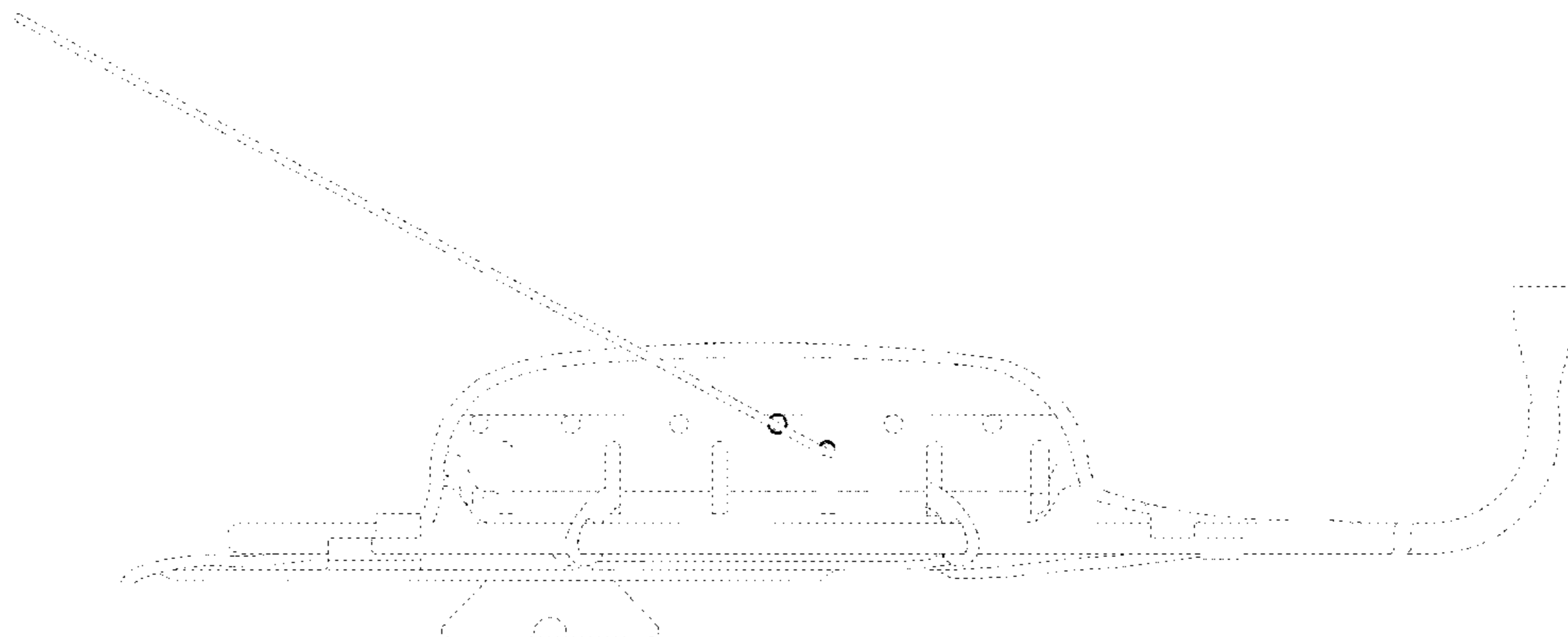


FIG. 18 is a perspective view for a reference, which shows the arm rest apparatus in FIG. 11 with reference numbers; and,

FIG. 19 is a view for a reference, which shows a position relationship of the arm rest apparatus in FIG. 11 with respect to an arm.

The broken lines are included for the purpose of illustrating environment and unclaimed subject matter and form no part of the claimed design. The dot-dash chain lines are for the purpose of depicting enlargement areas, and thus form no part of the claimed design.

1 Claim, 19 Drawing Sheets

(58) Field of Classification Search

CPC . A61G 5/00–5/14; A61G 5/041–5/047; A61G 2005/048; A61B 2090/508; A61F 5/013; A61F 5/0102; A61H 1/0281; A61H 1/02
See application file for complete search history.

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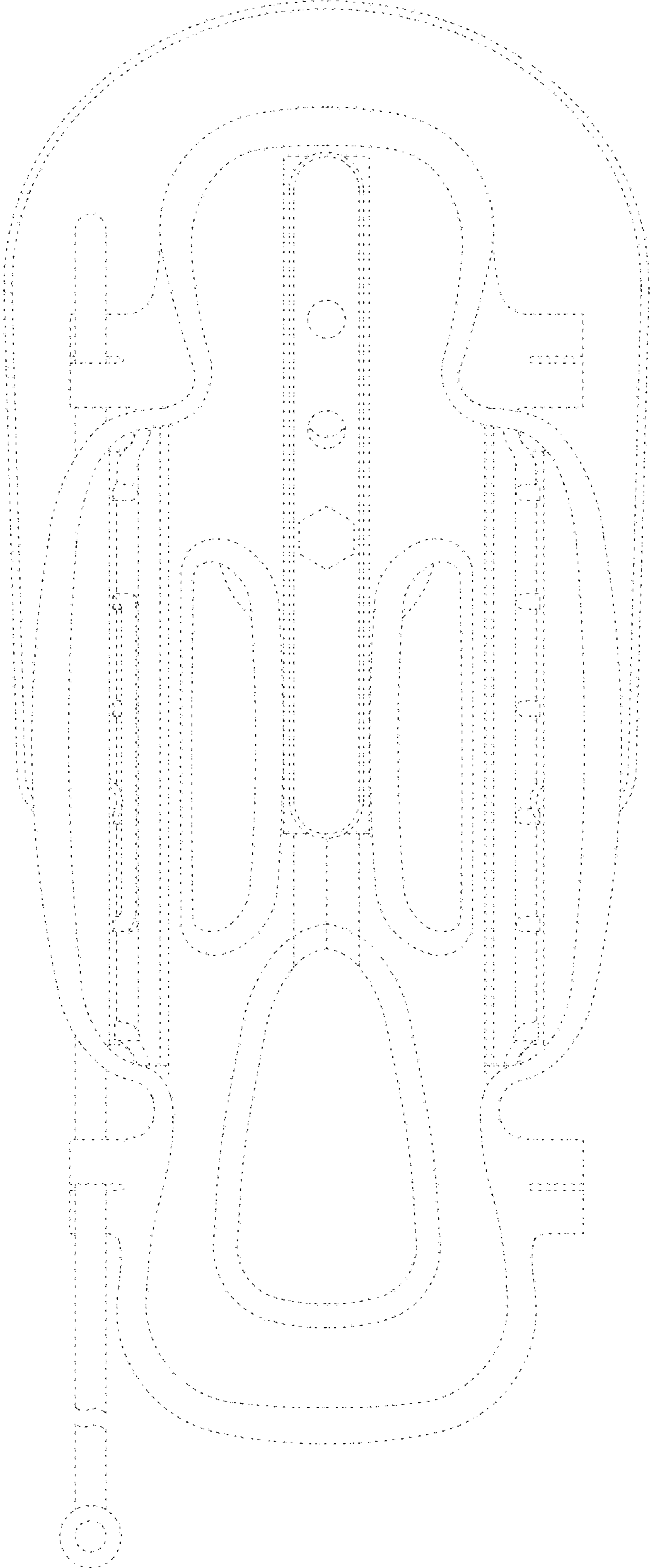


FIG. 1

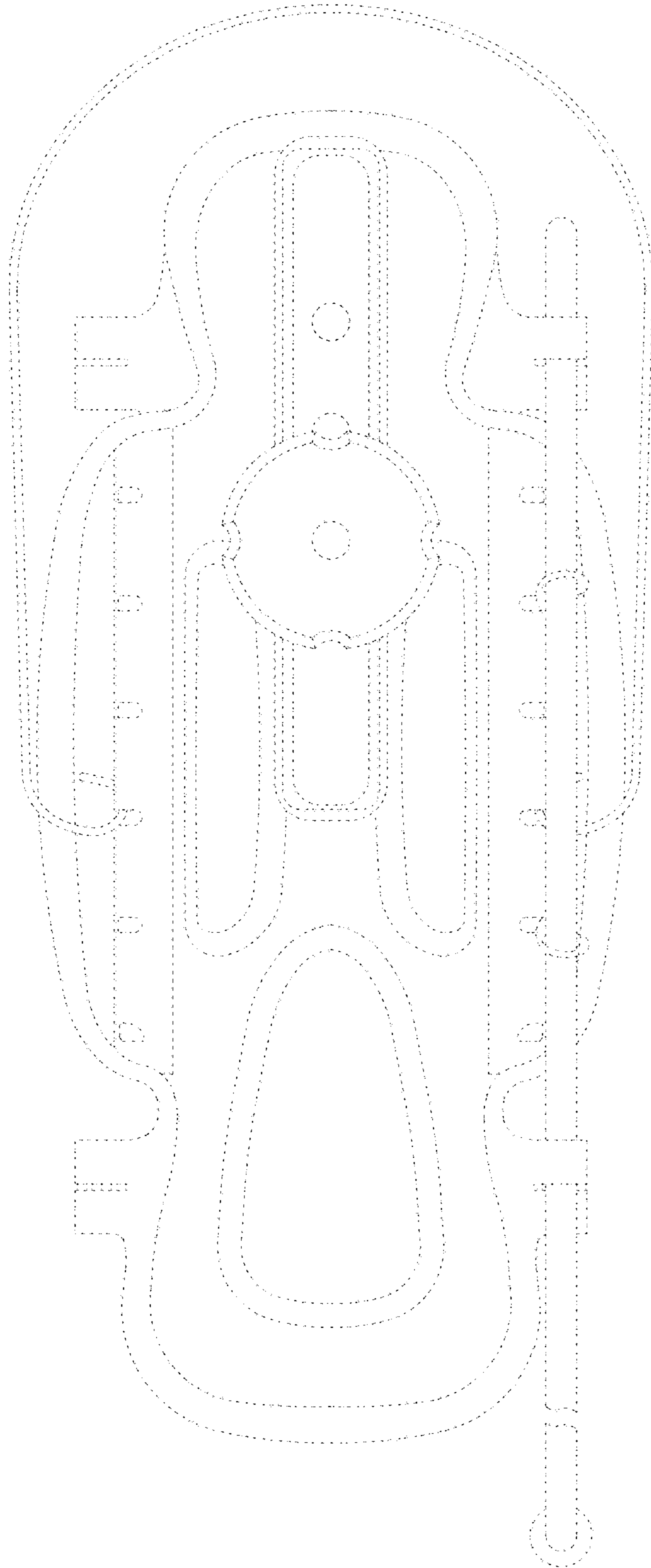


FIG. 2

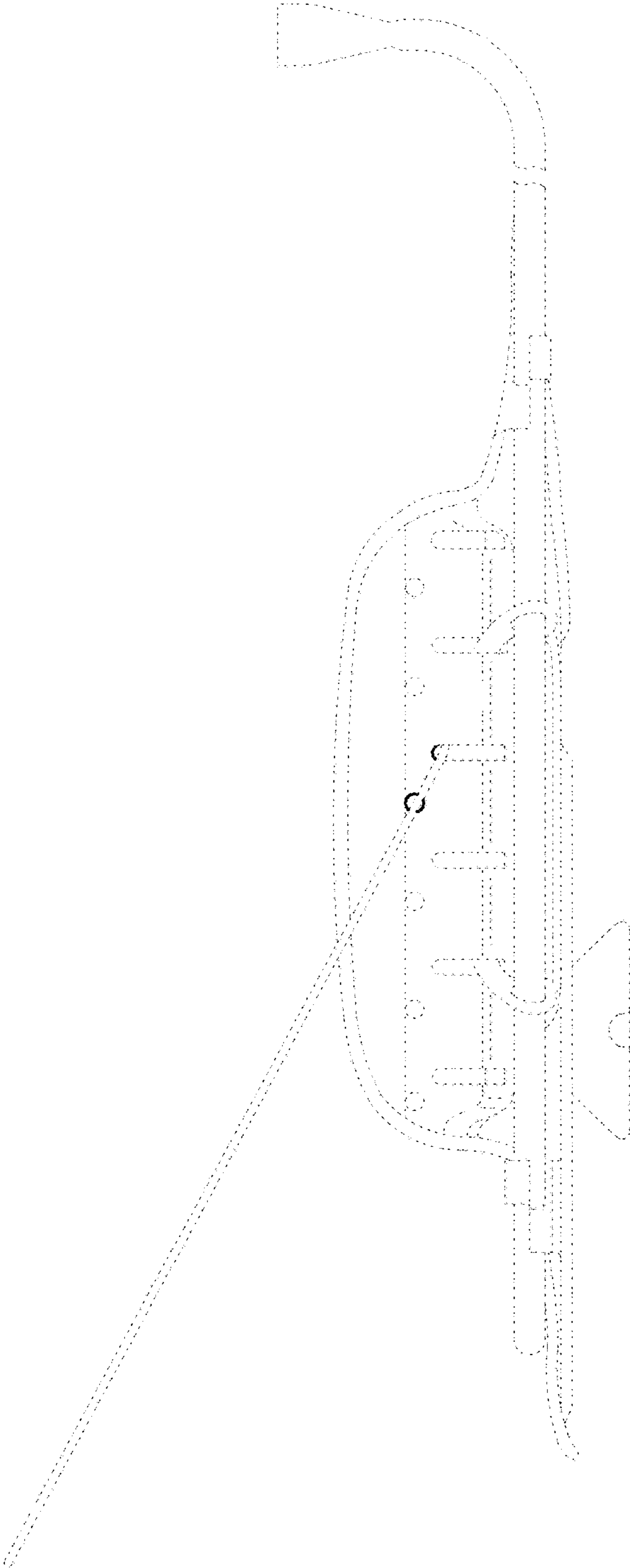


FIG. 3

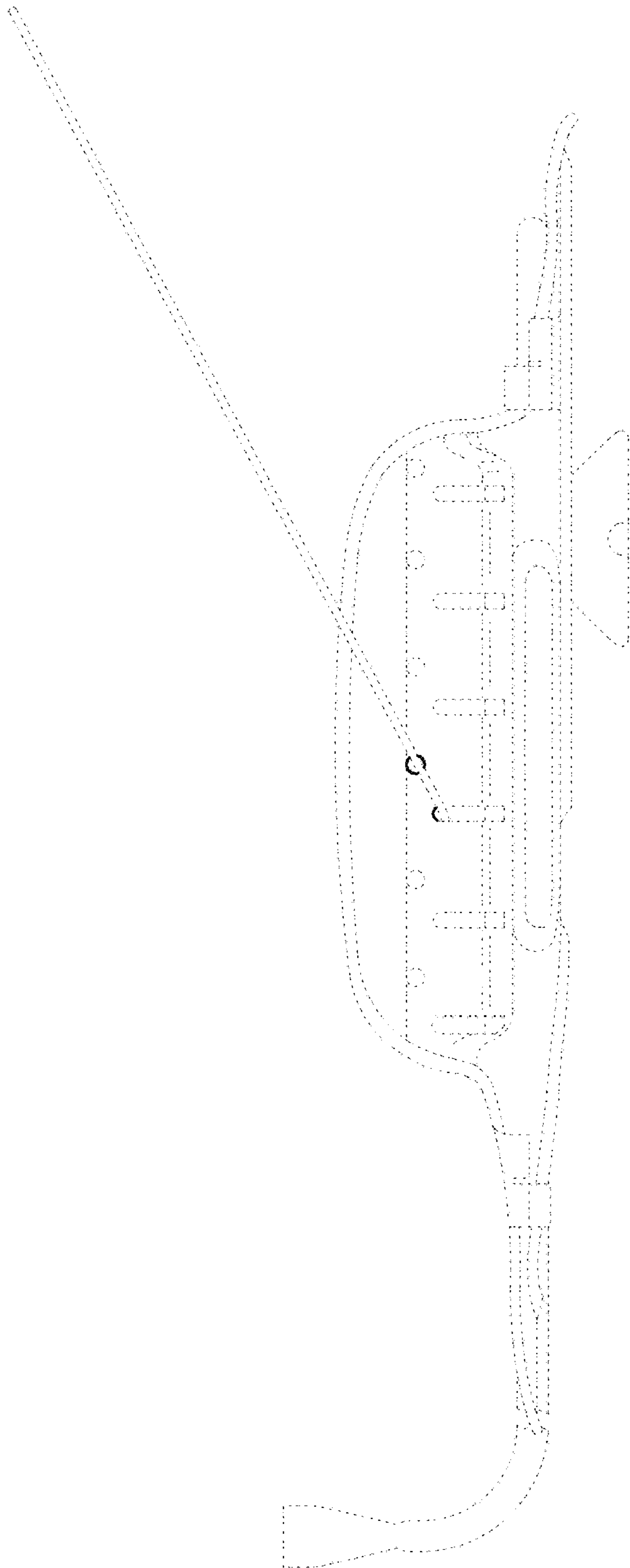


FIG. 4

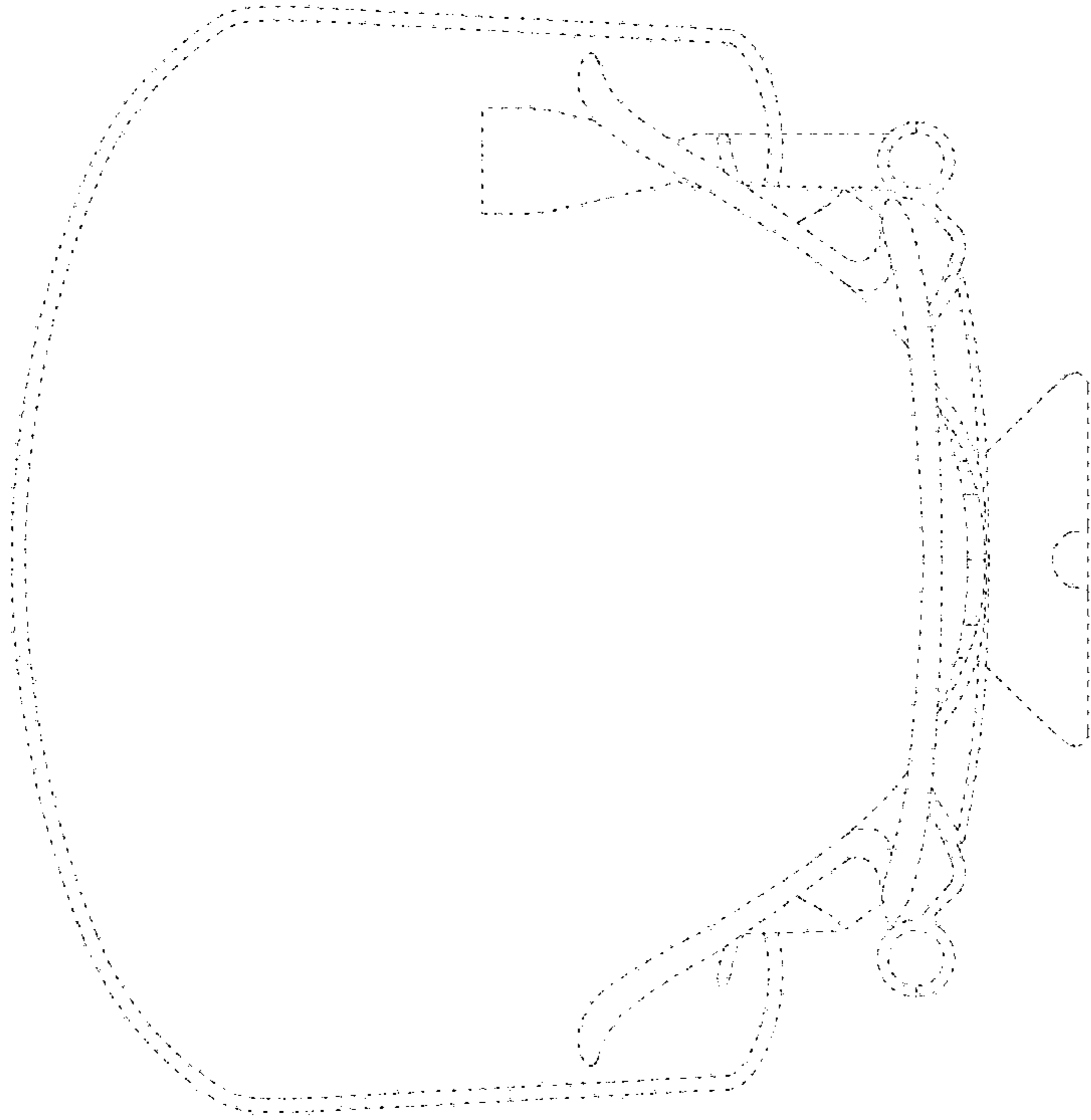


FIG. 6

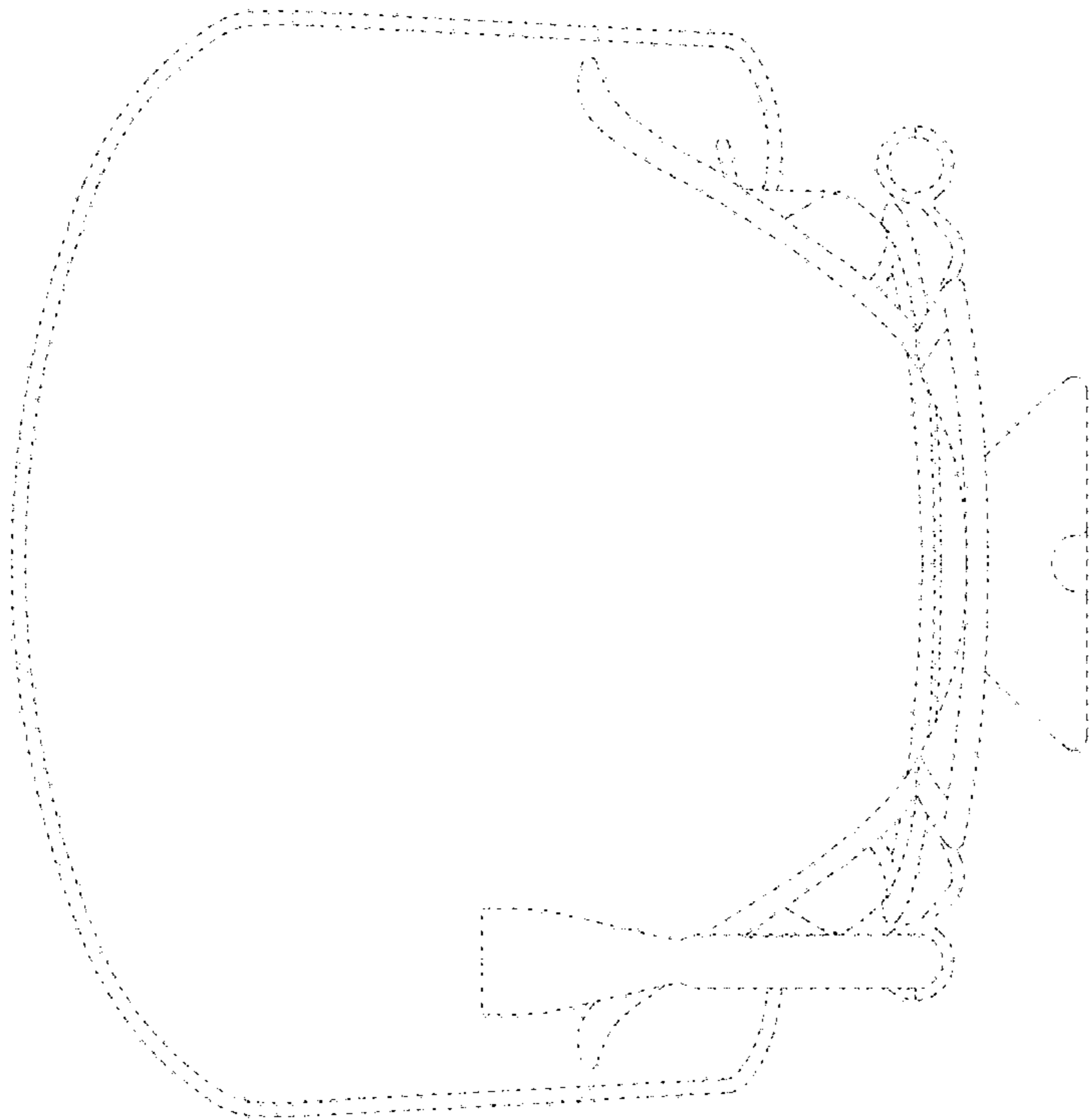


FIG. 5

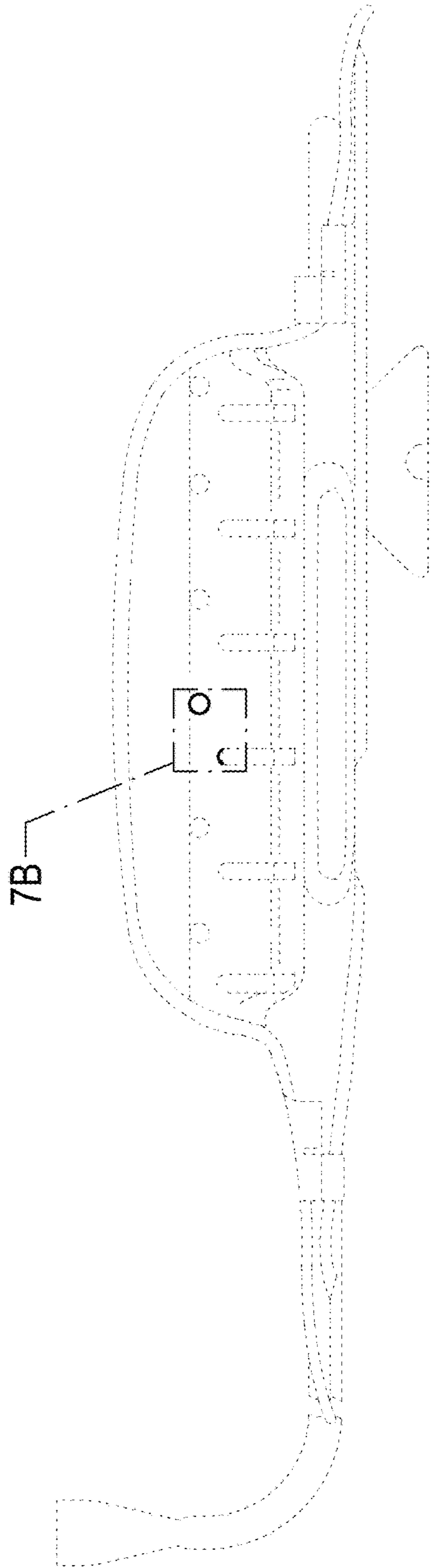


FIG. 7A

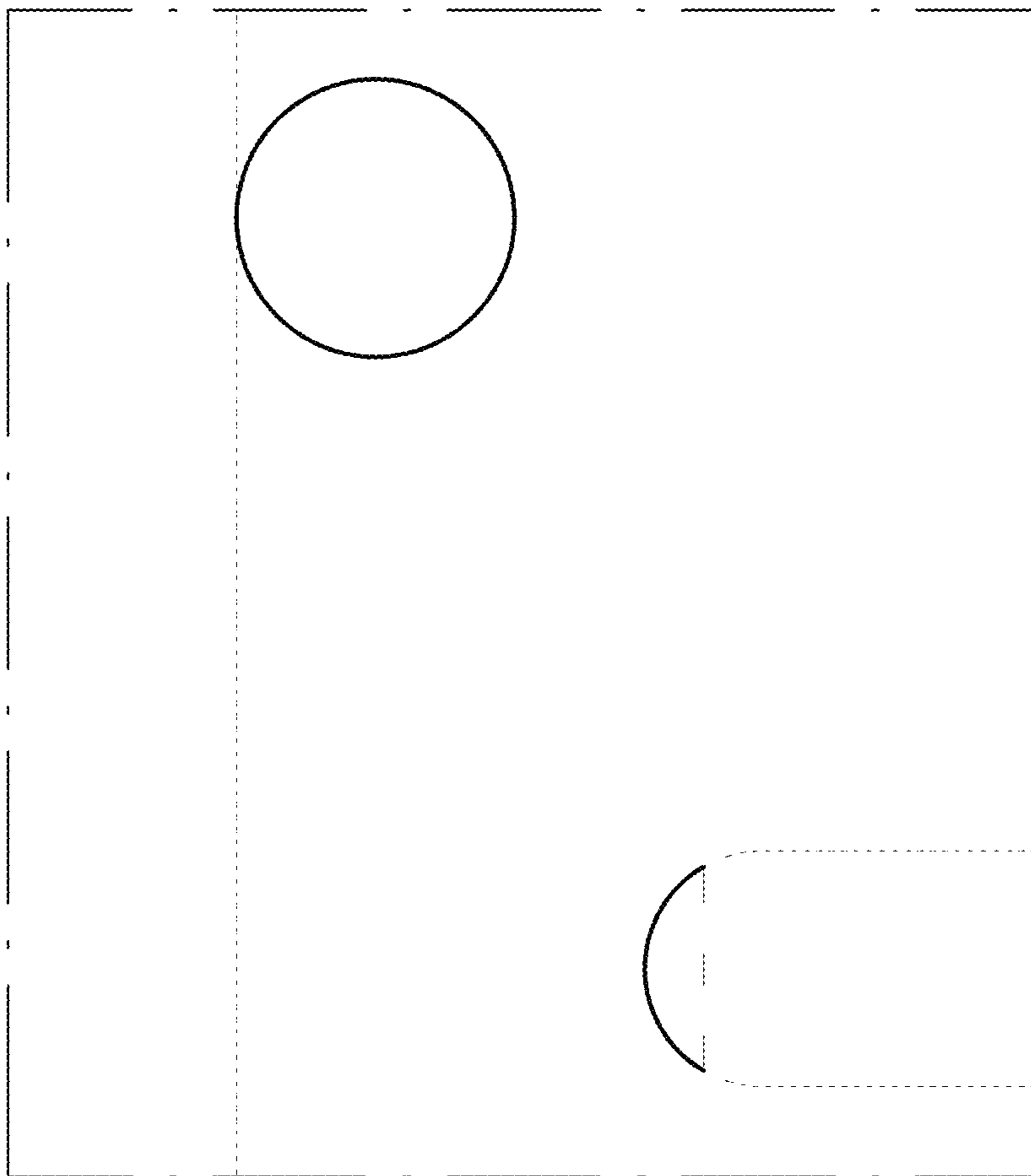


FIG. 7B

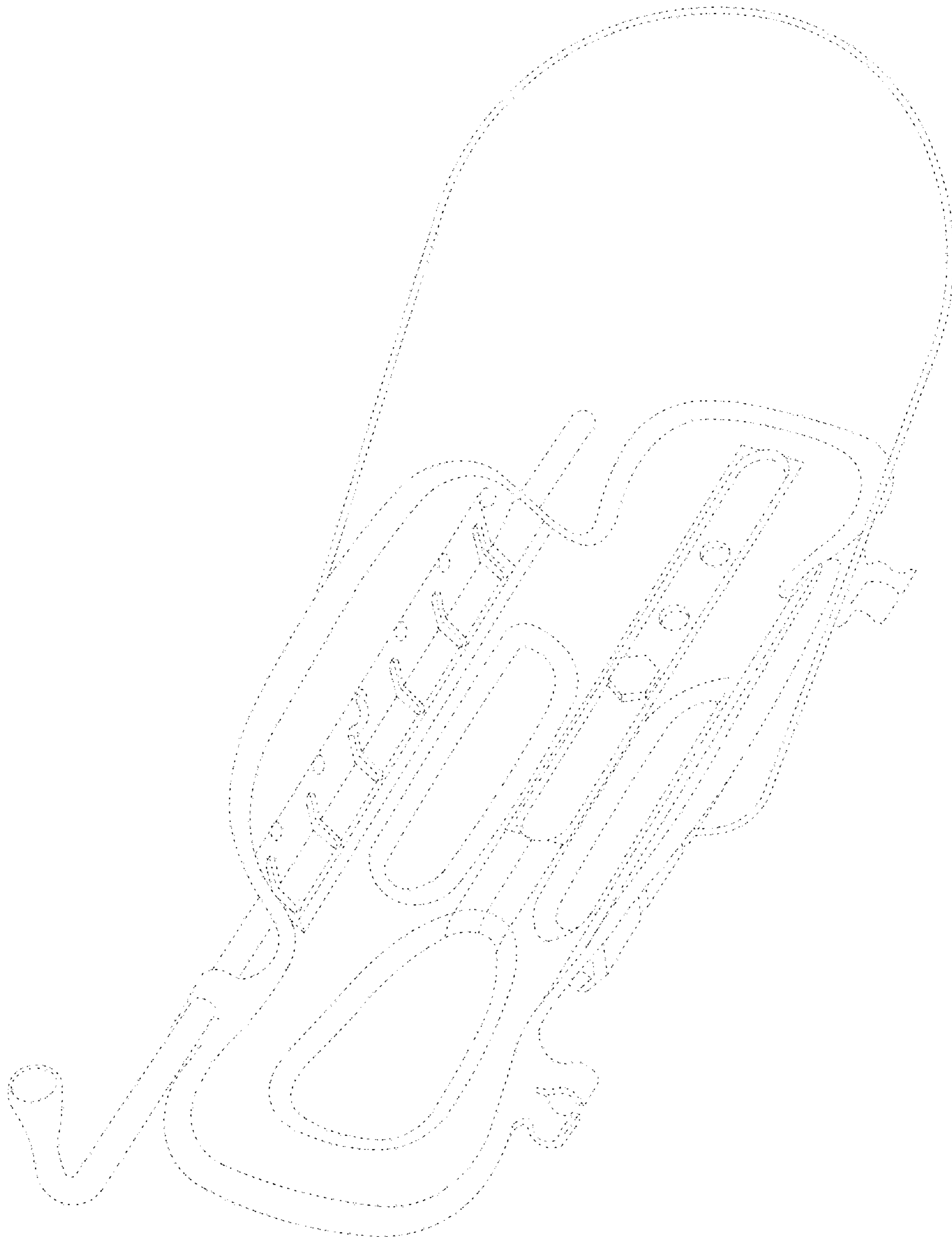


FIG. 8

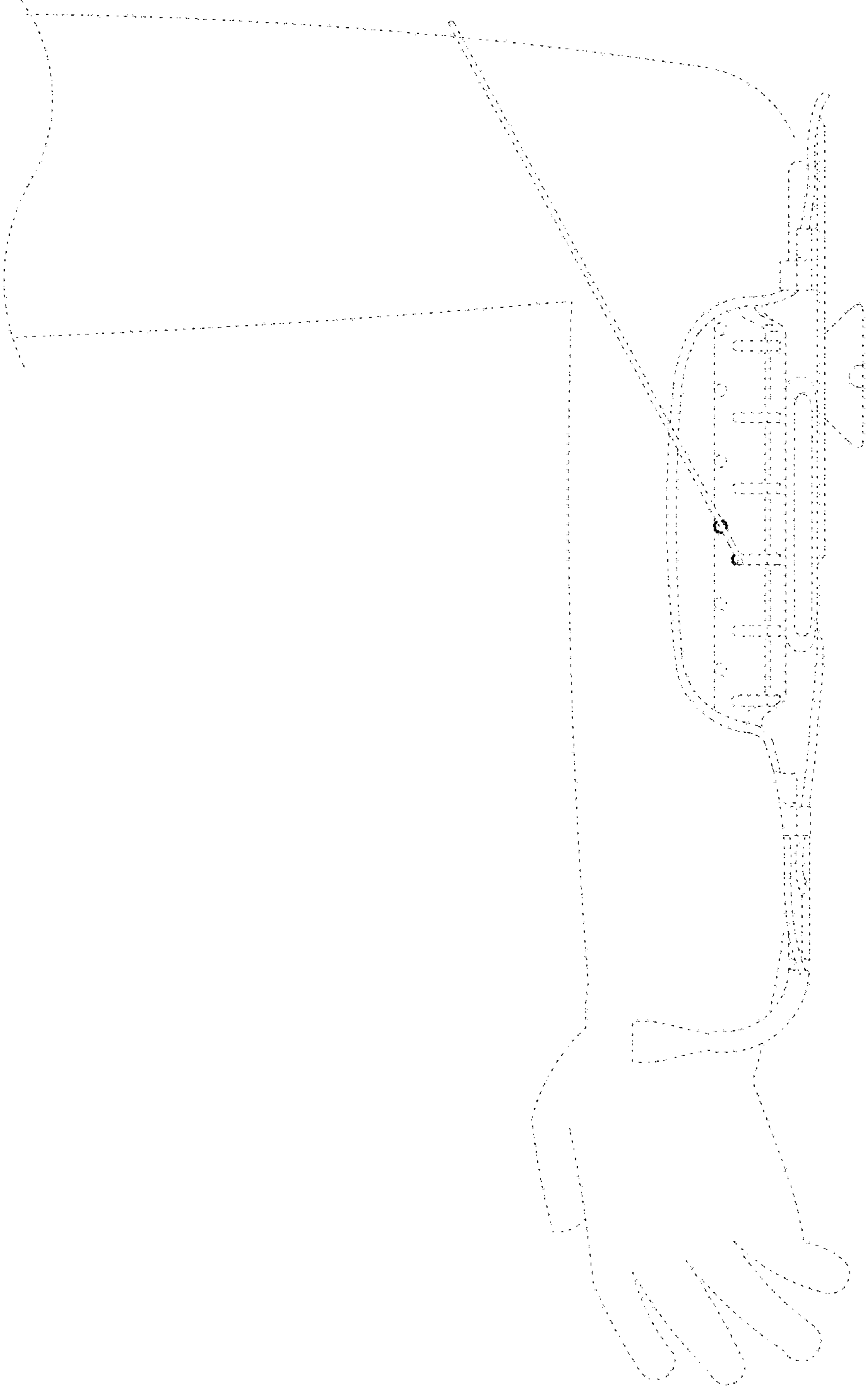


FIG. 9

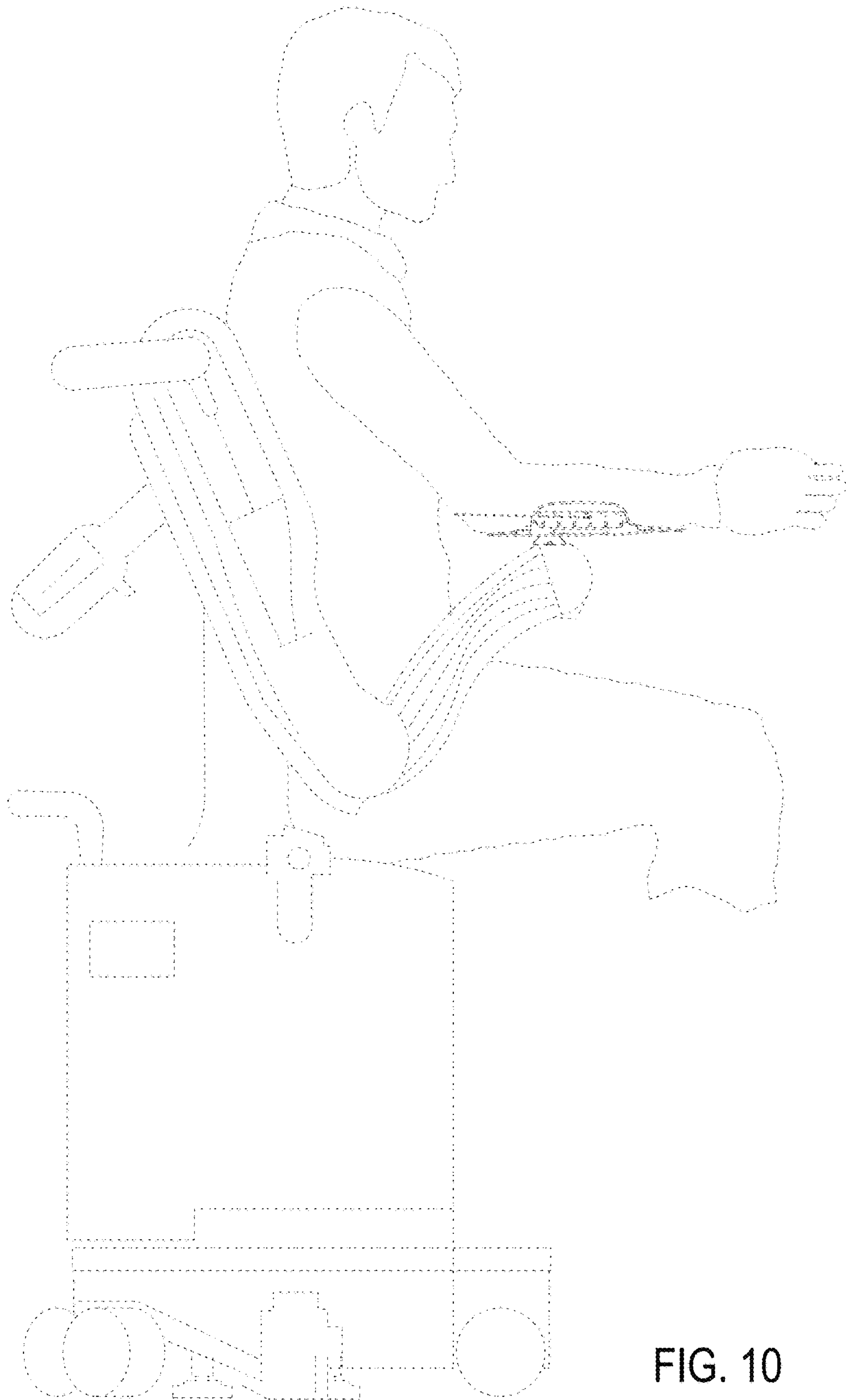


FIG. 10

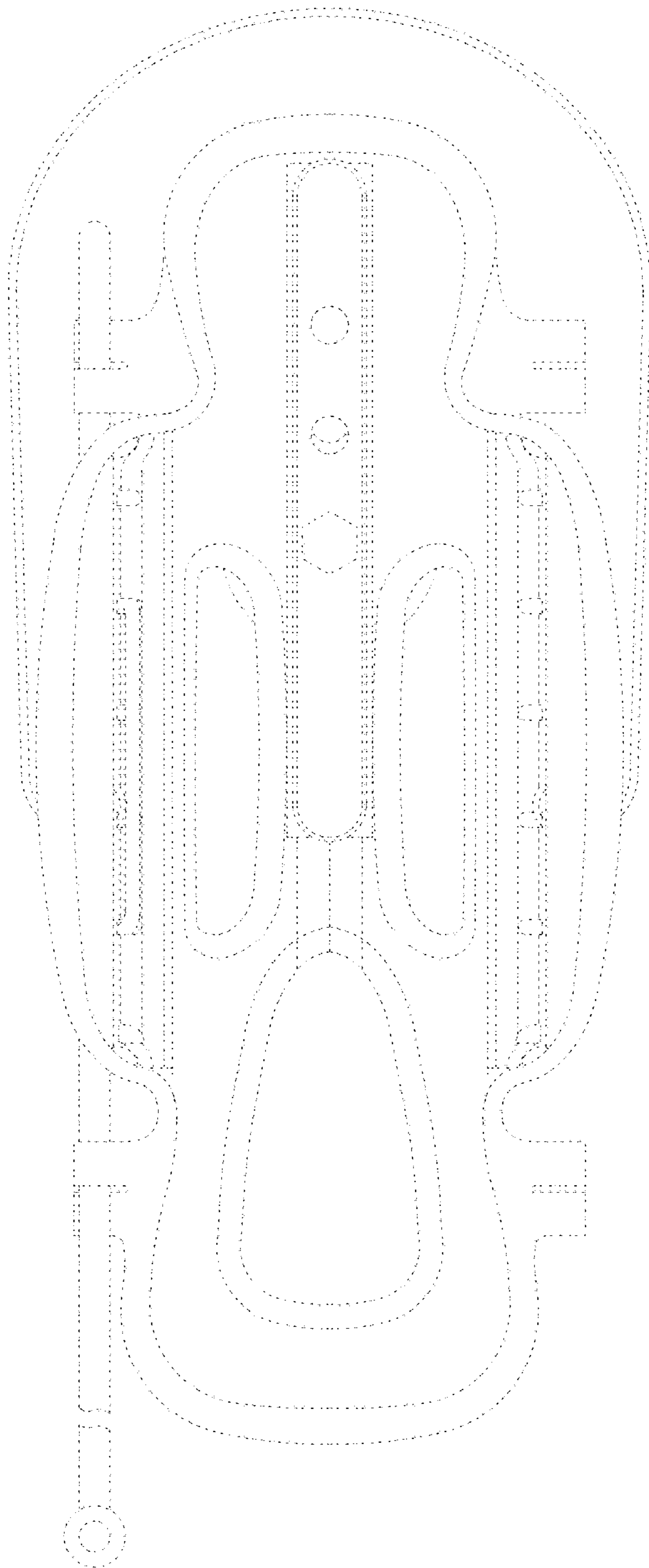


FIG. 11

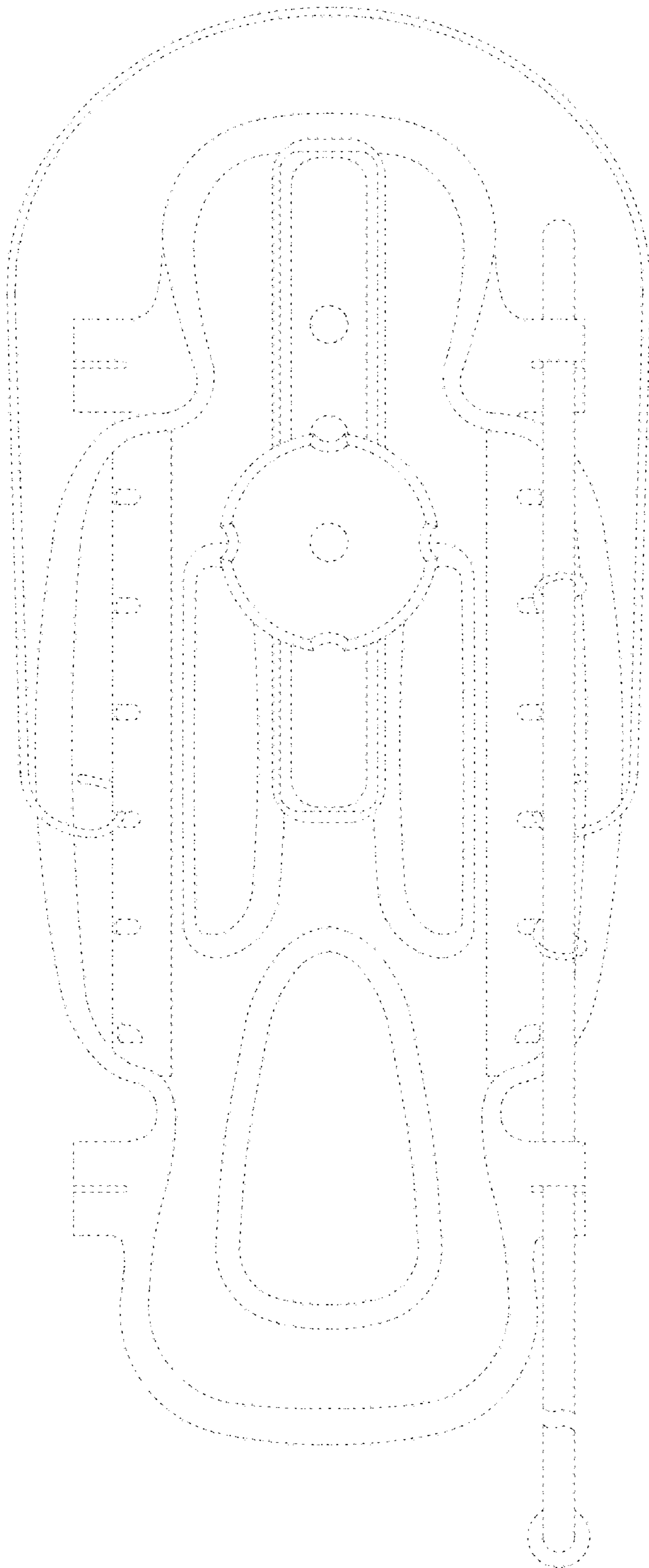


FIG. 12

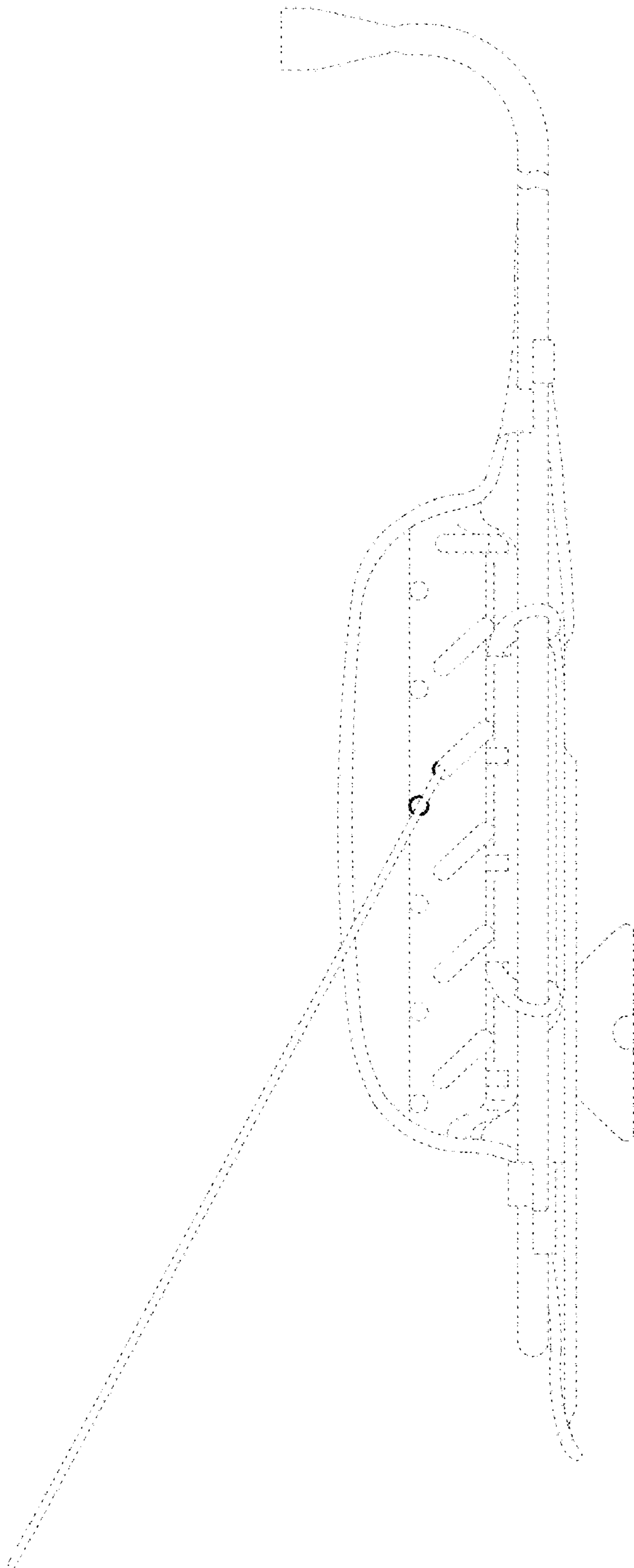


FIG. 13

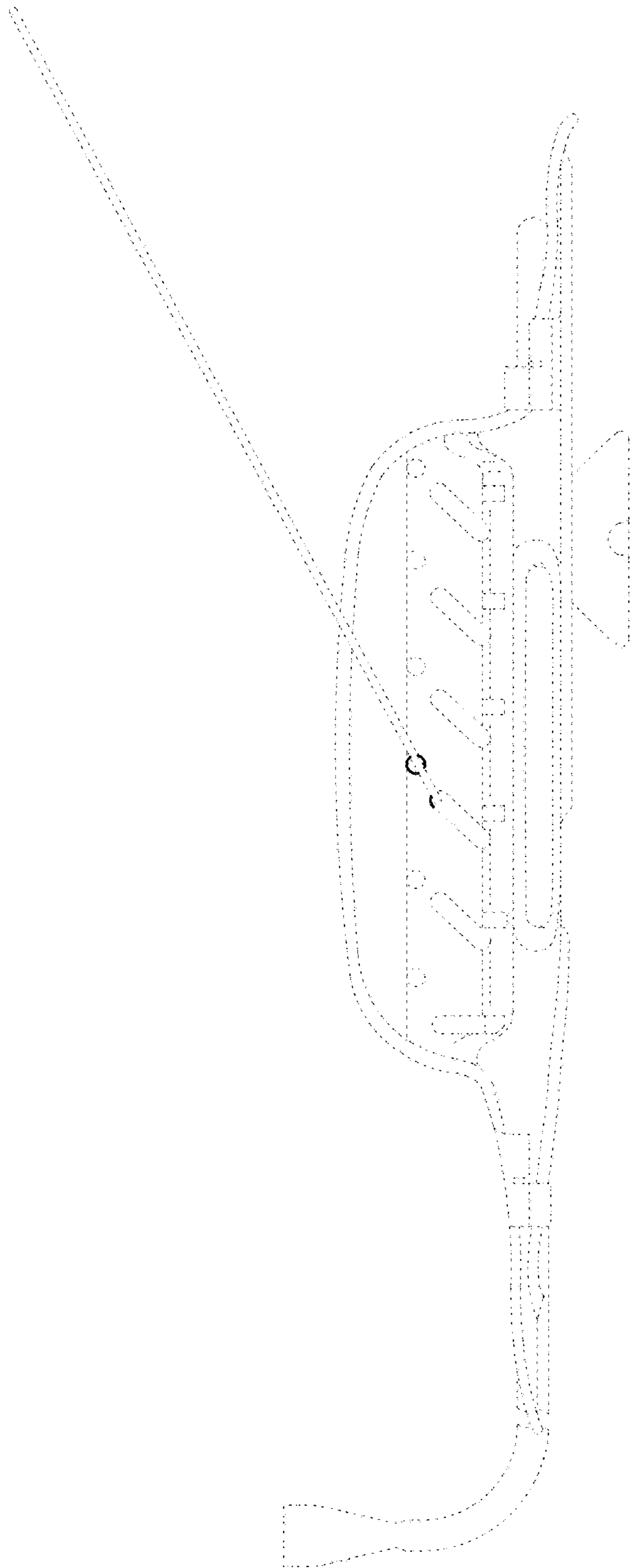


FIG. 14

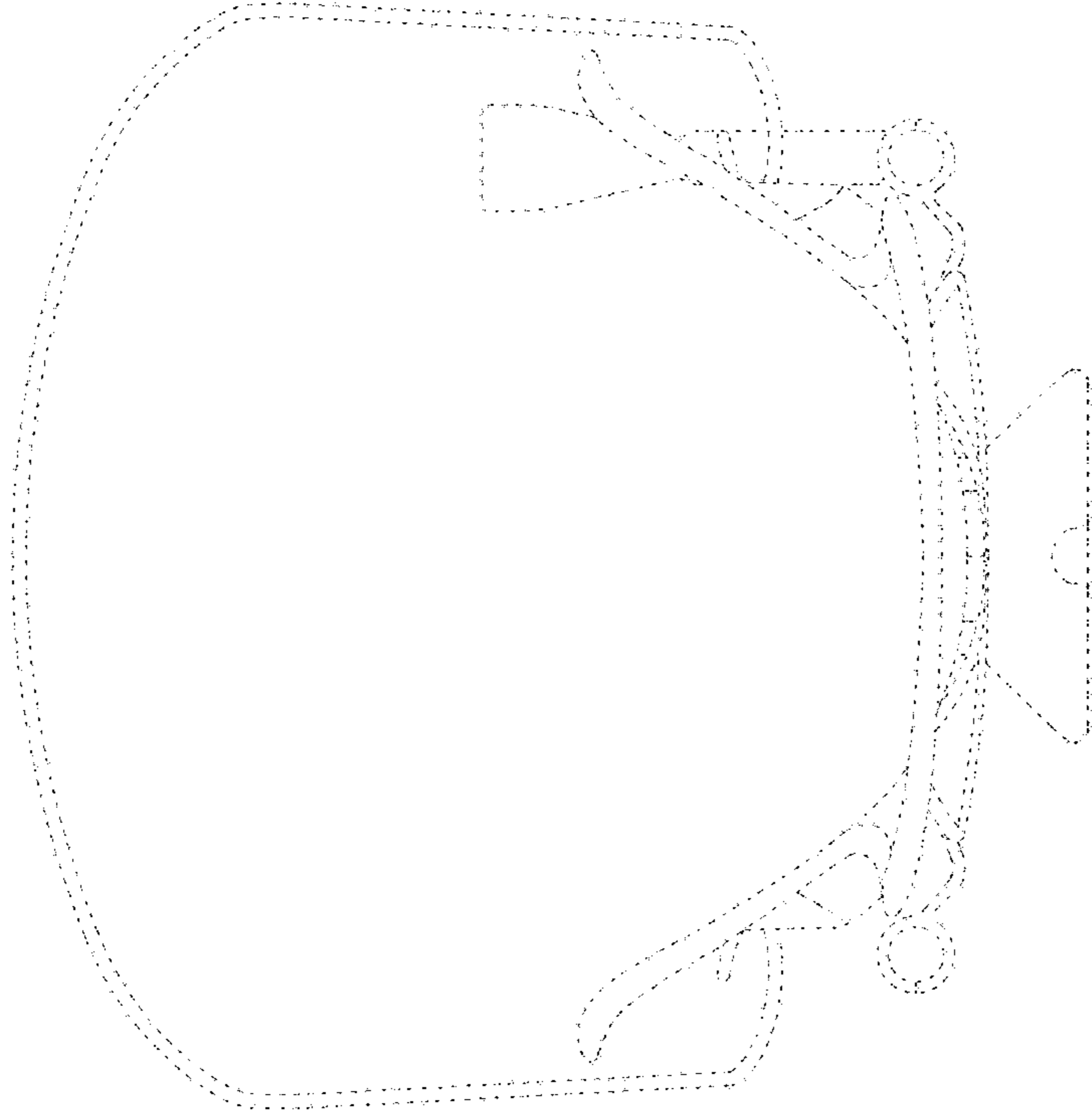


FIG. 16

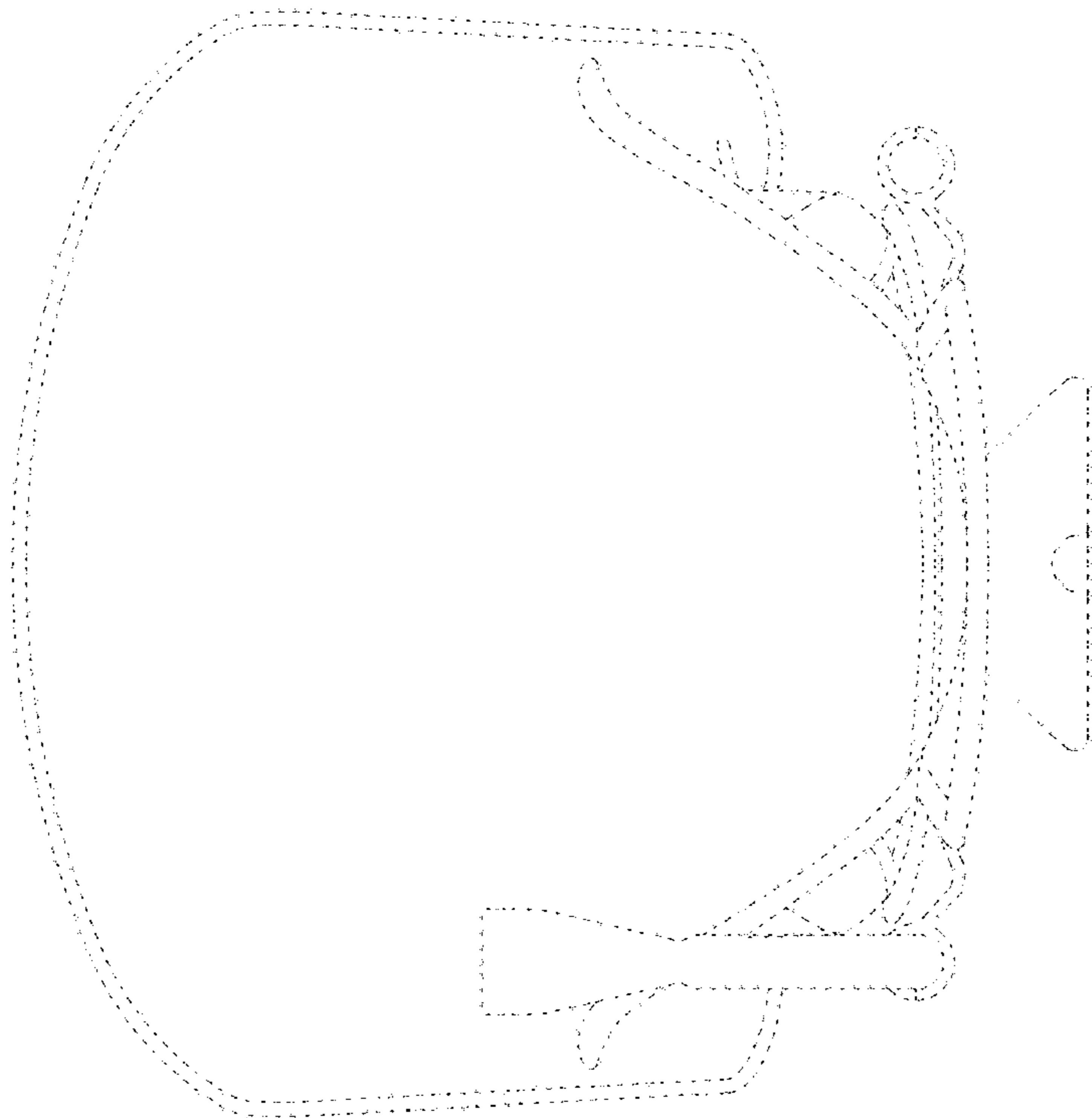


FIG. 15

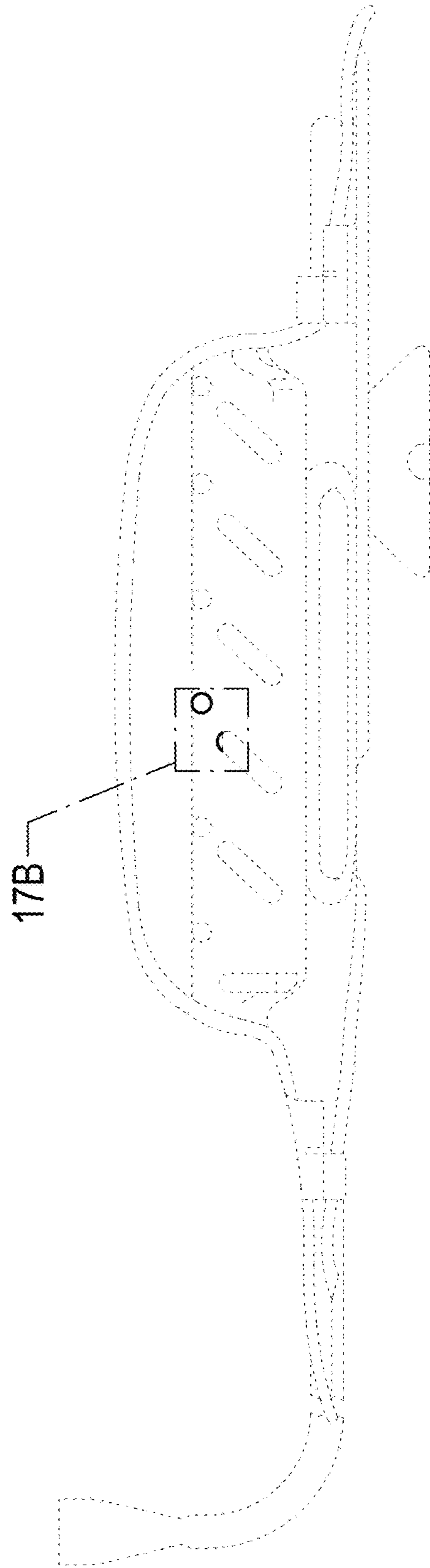


FIG.17A

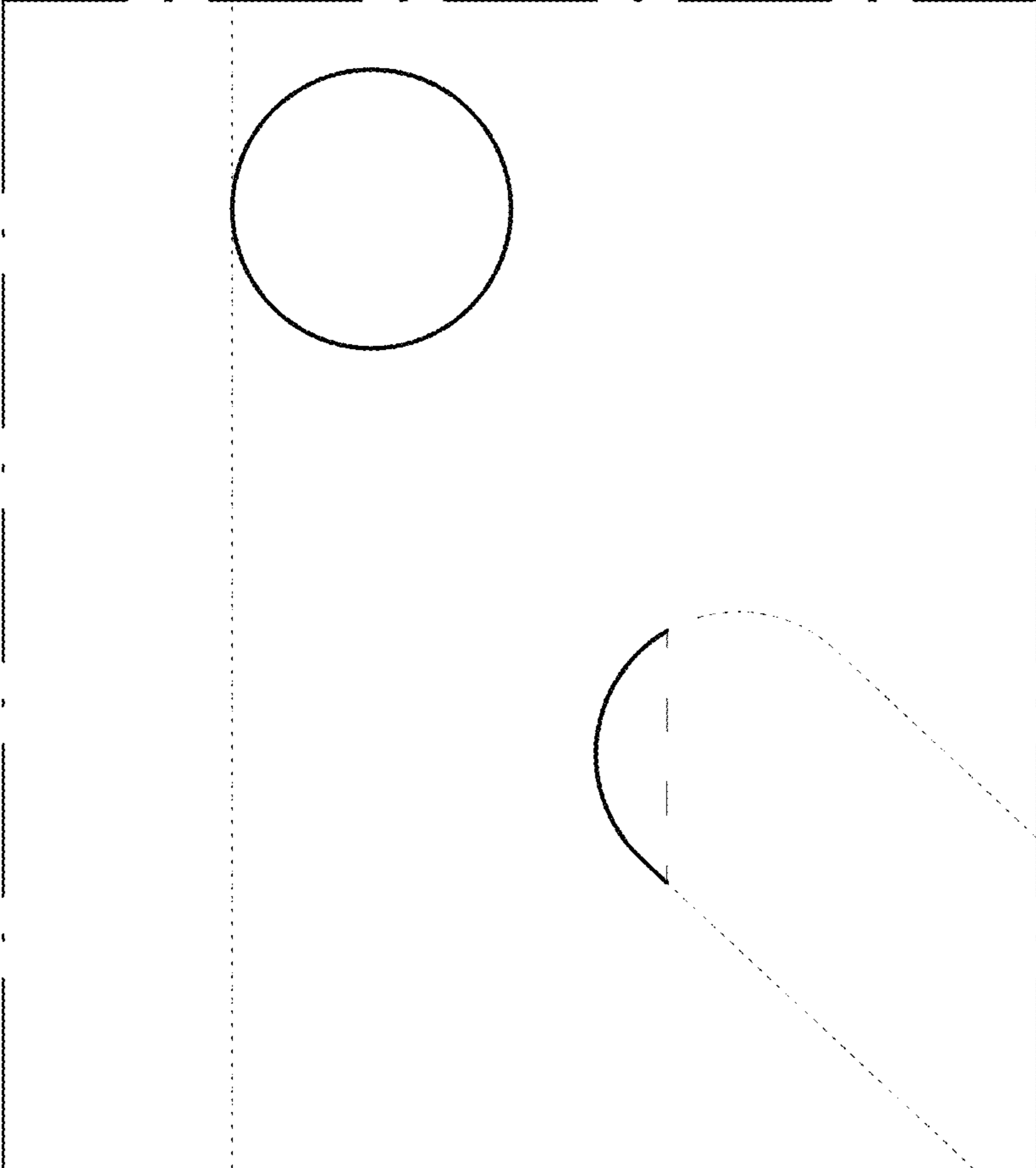


FIG. 17B

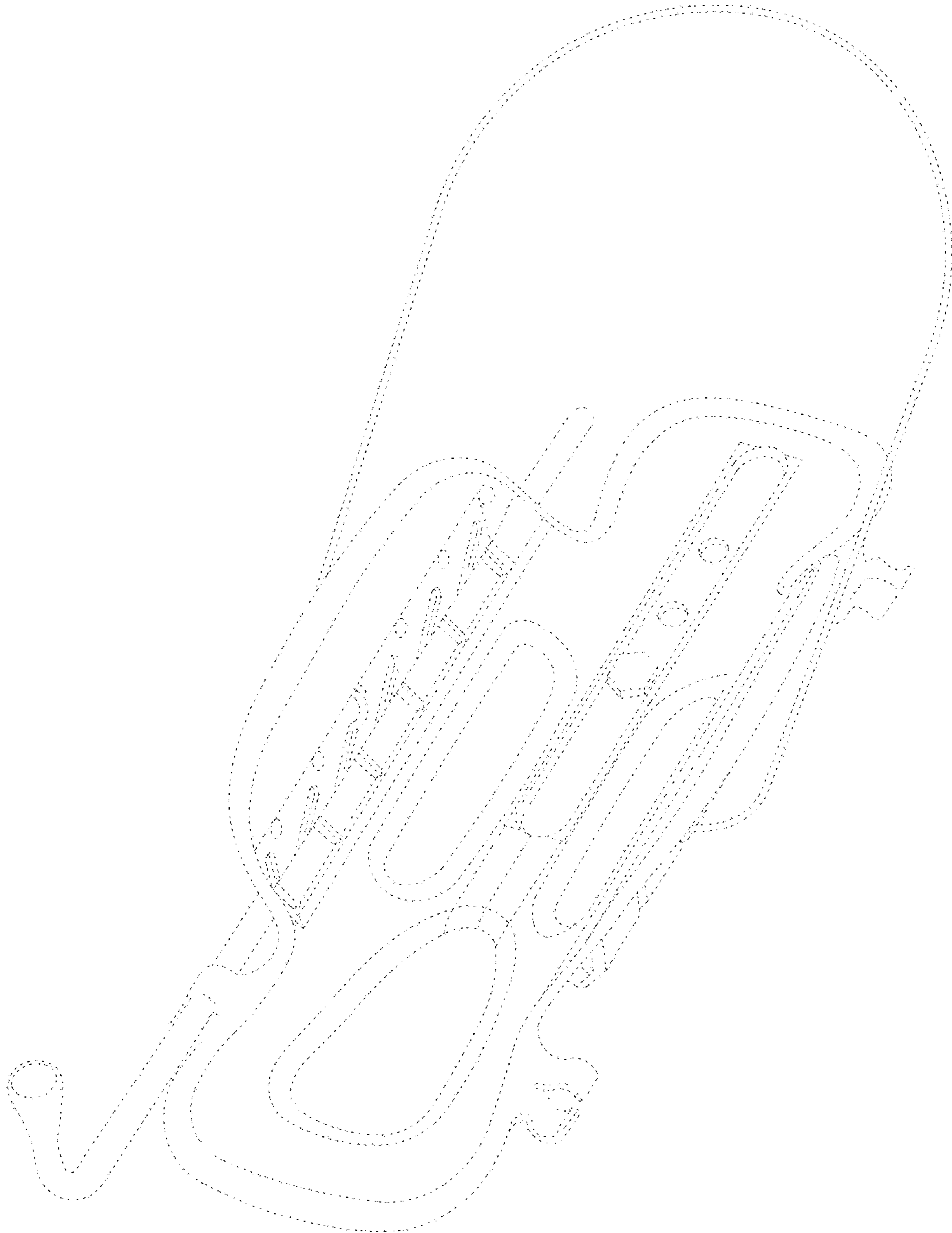


FIG. 18

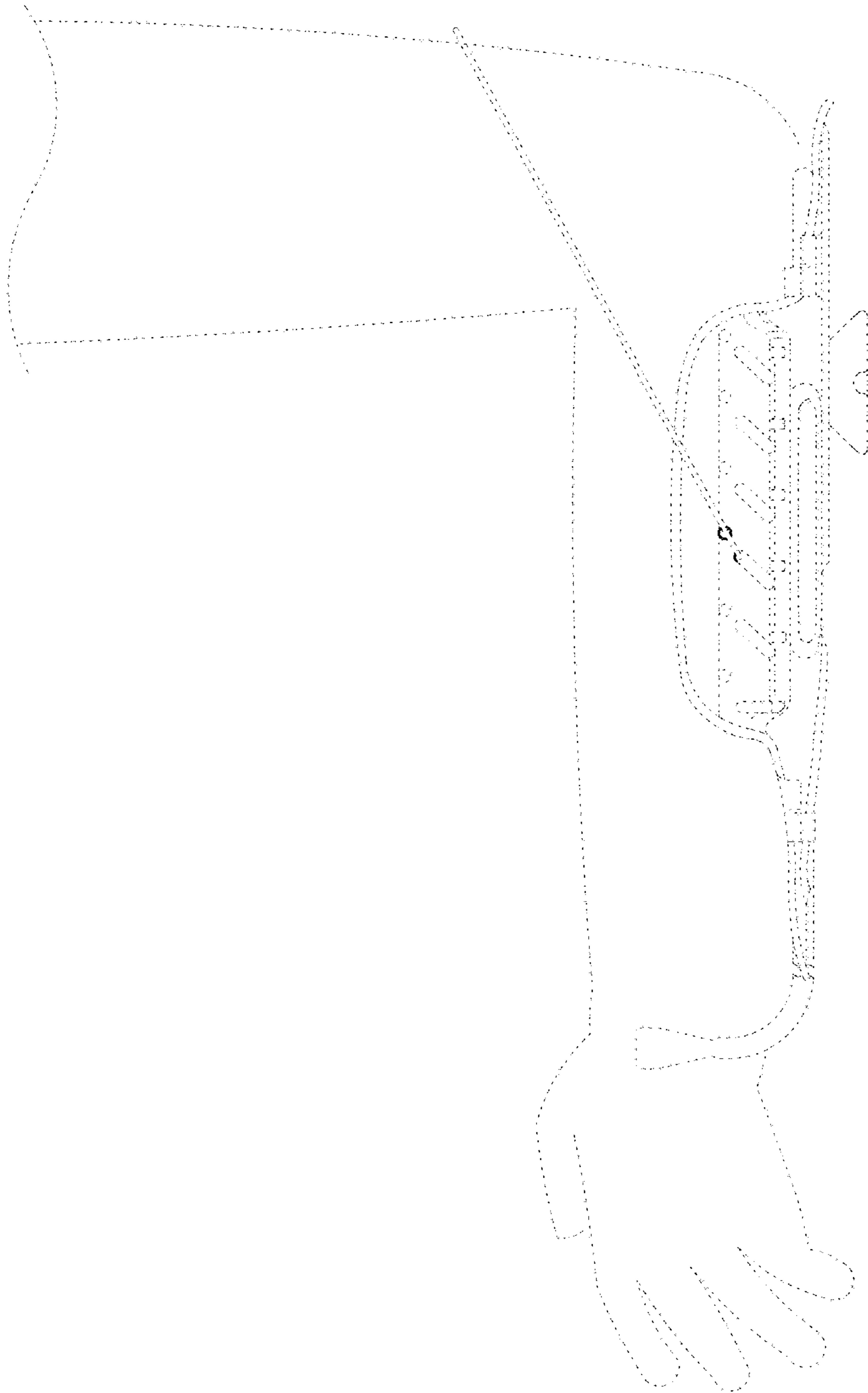


FIG. 19