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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**

(71) Applicant: **DENSO CORPORATION**, Kariya, Aichi-pref. (JP)

(72) Inventors: **Seisho Inada**, Kariya (JP); **Hideki Okuda**, Kariya (JP); **Gen Orikasa**, Kariya (JP)

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

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

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

(22) Filed: **Oct. 2, 2015**

(30) **Foreign Application Priority Data**

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

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

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

(Continued)

(56) **References Cited**

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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. **7**A is a bottom view that excludes the unclaimed wire portion that partially obscures the claimed subject matter in FIG. **4**;
FIG. **7**B is an enlargement of area **7**B in FIG. **7**A;
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. **17**A is a bottom view that excludes the unclaimed wire portion that partially obscures the claimed subject matter in FIG. **14**;
FIG. **17**B is an enlargement of area **17**B in FIG. **17**A;

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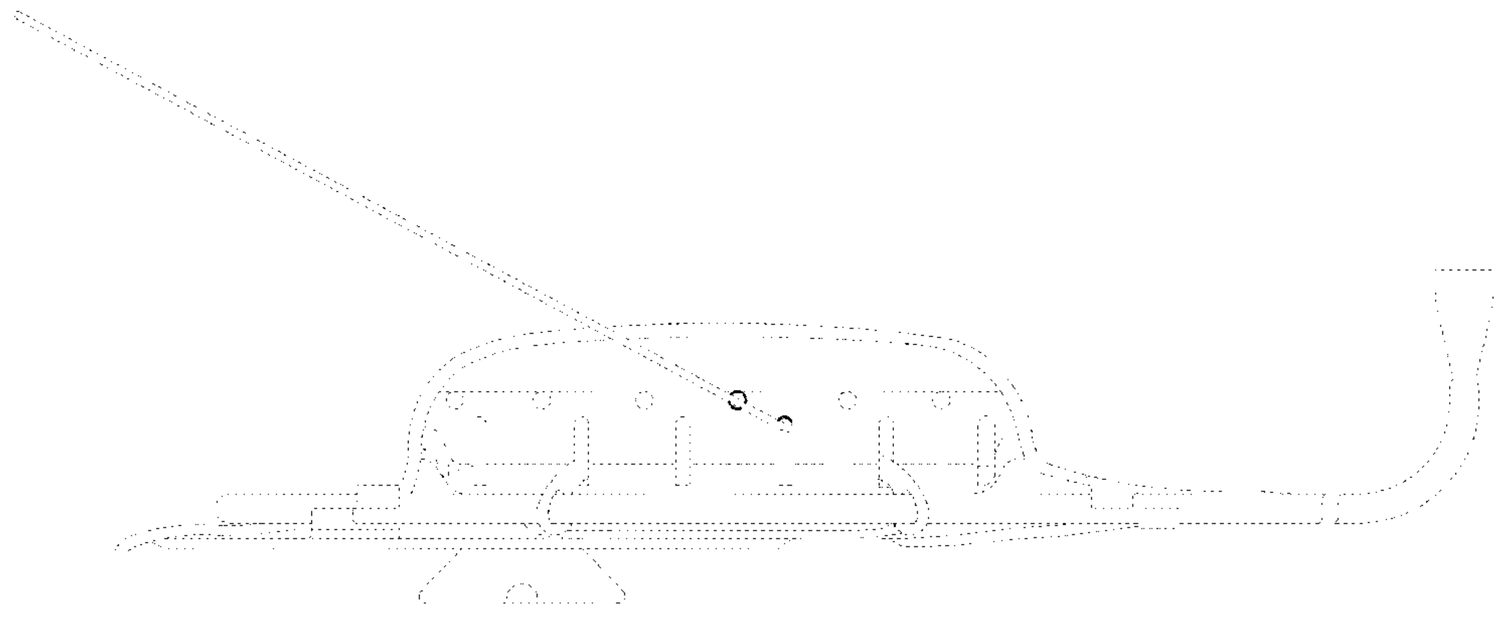

FIG. **18** is a perspective view for a reference, which shows the arm rest apparatus in FIG. **11** with reference numbers; and,

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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Design U.S. Appl. No. 29/541,343, filed Oct. 2, 2015 in the name of Seisho Inada et al.

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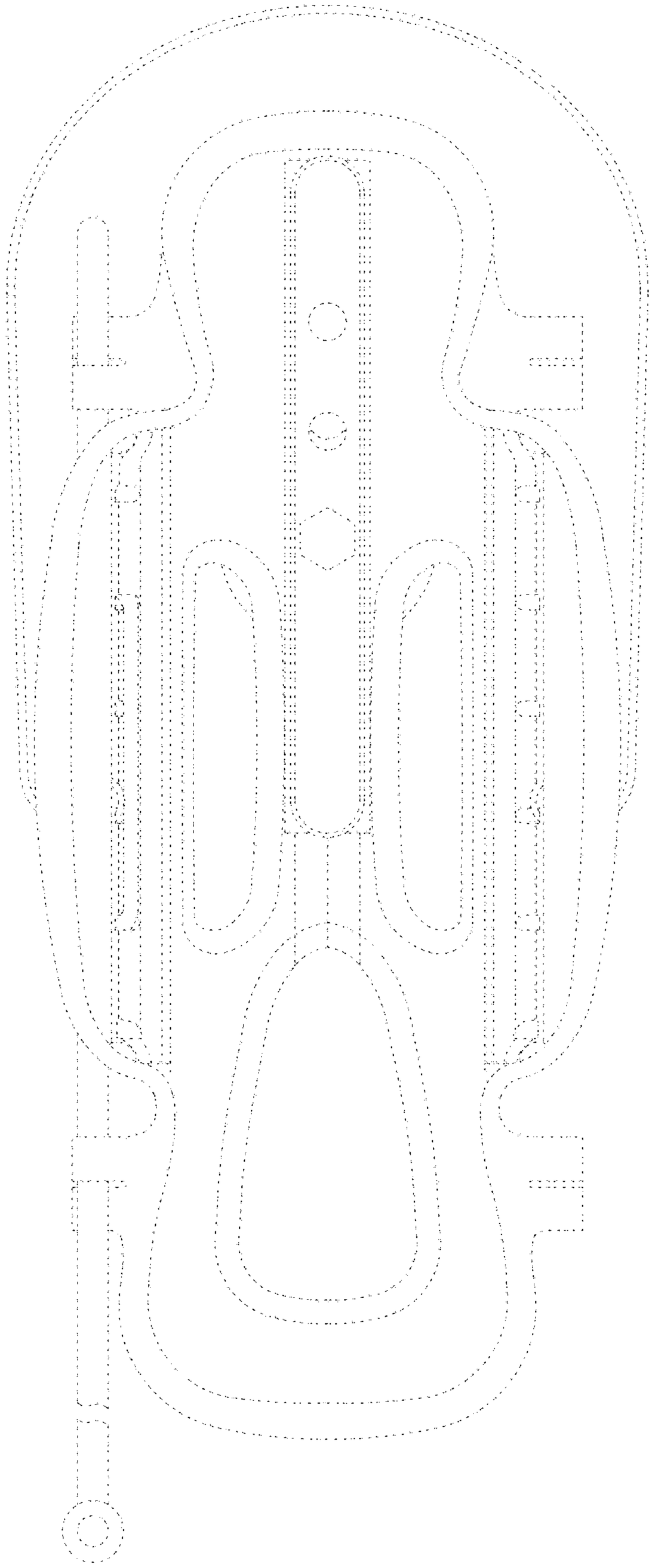

FIG. 1

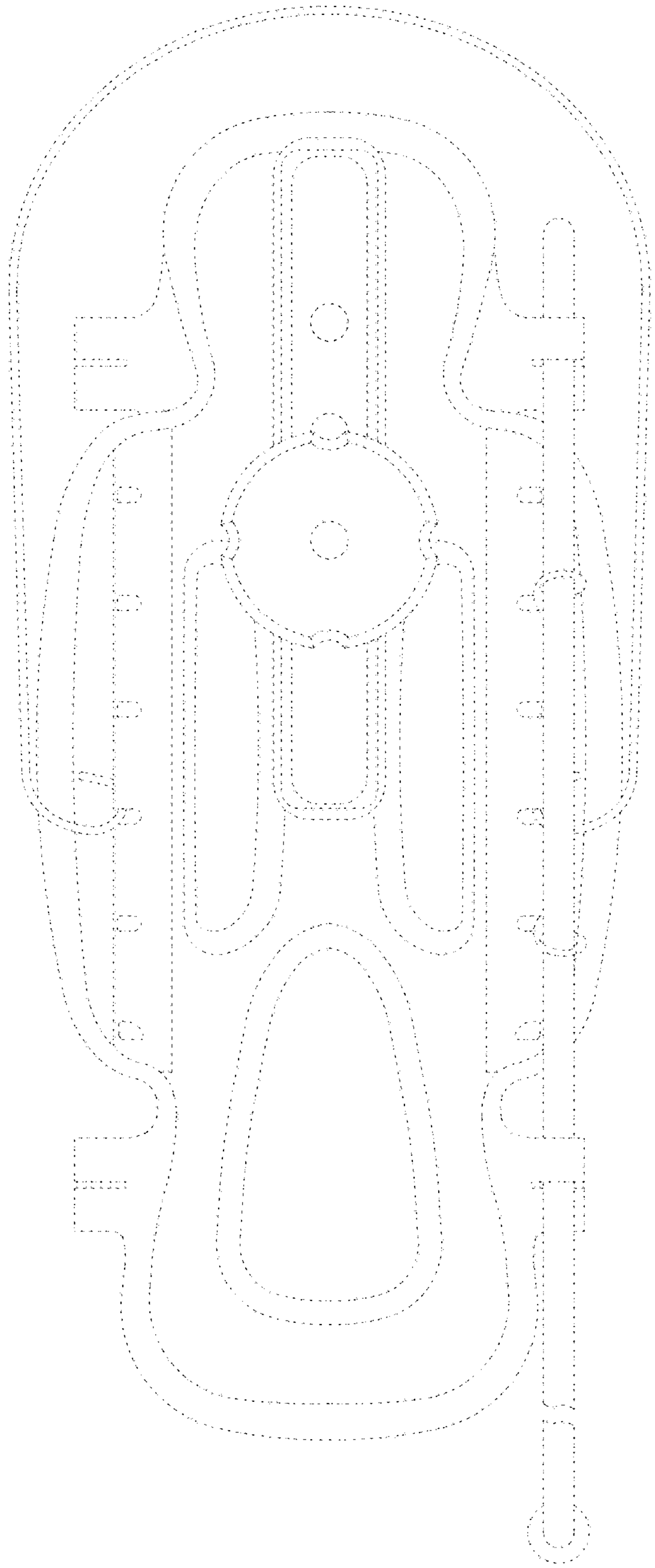

FIG. 2

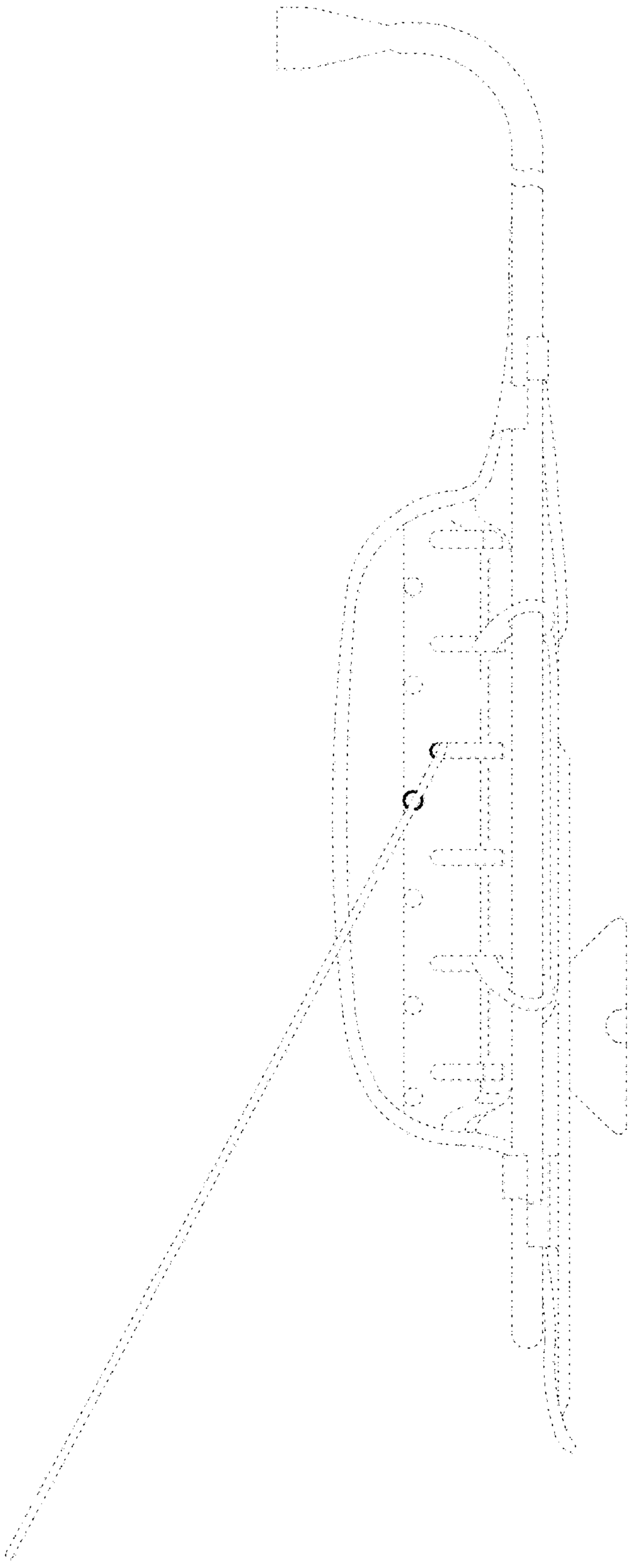

FIG. 3

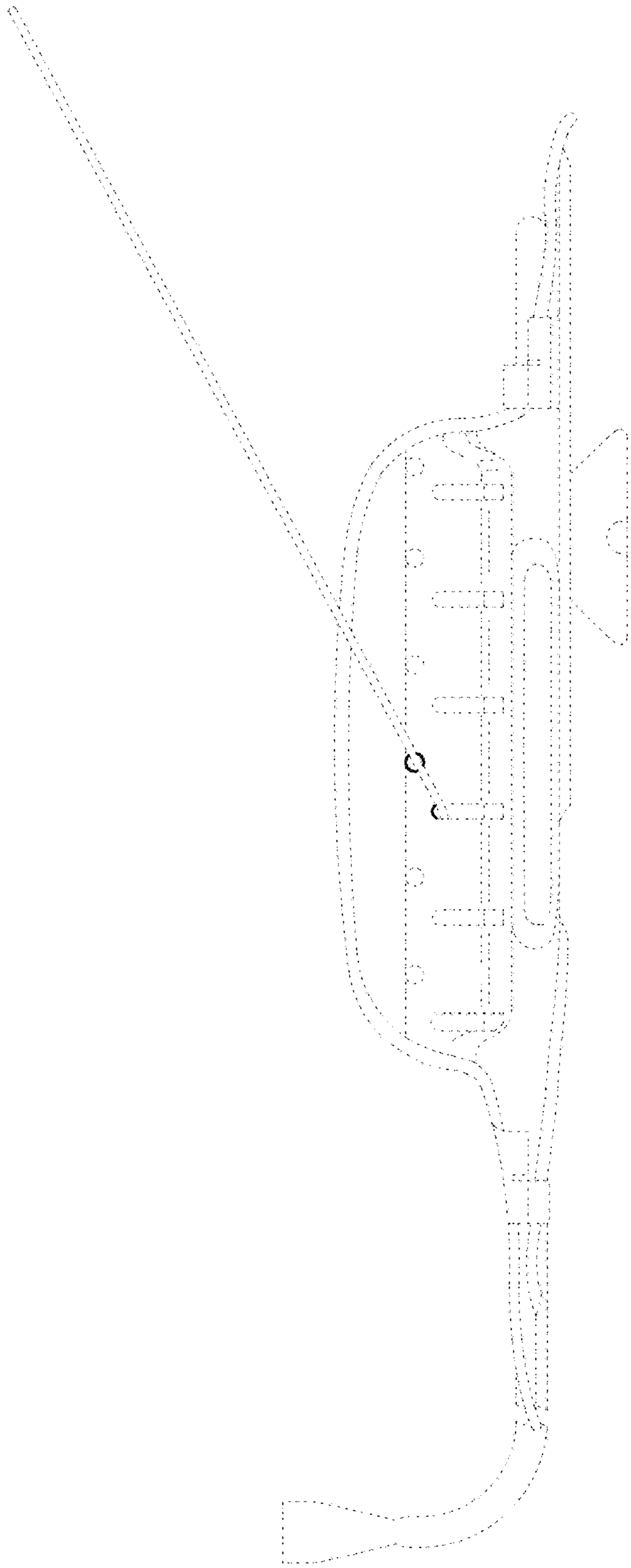

FIG. 4

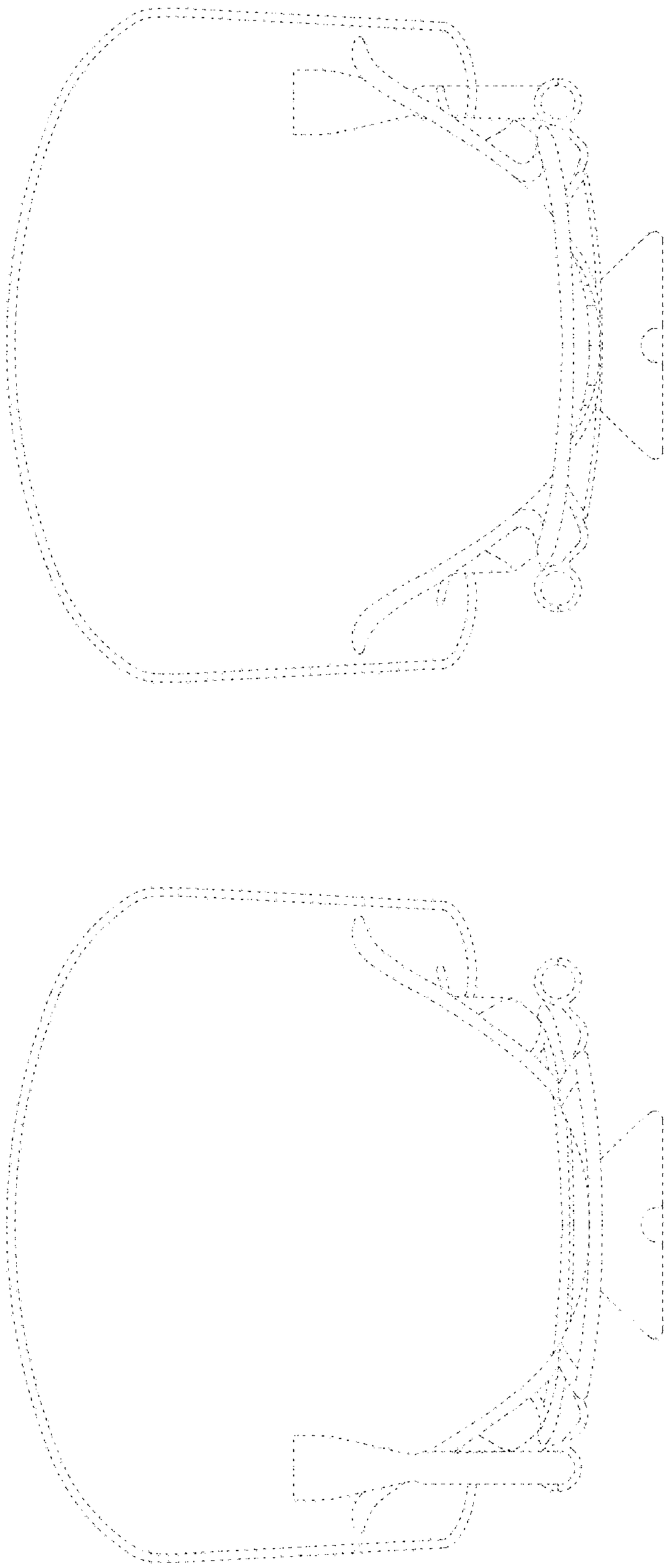

FIG. 6

FIG. 5

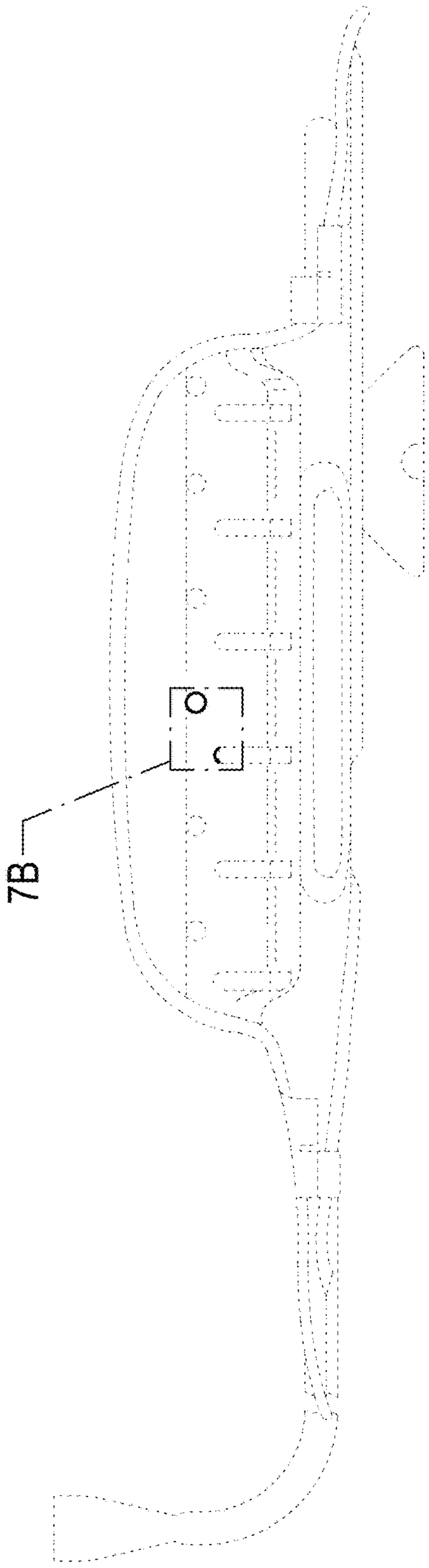

FIG. 7A

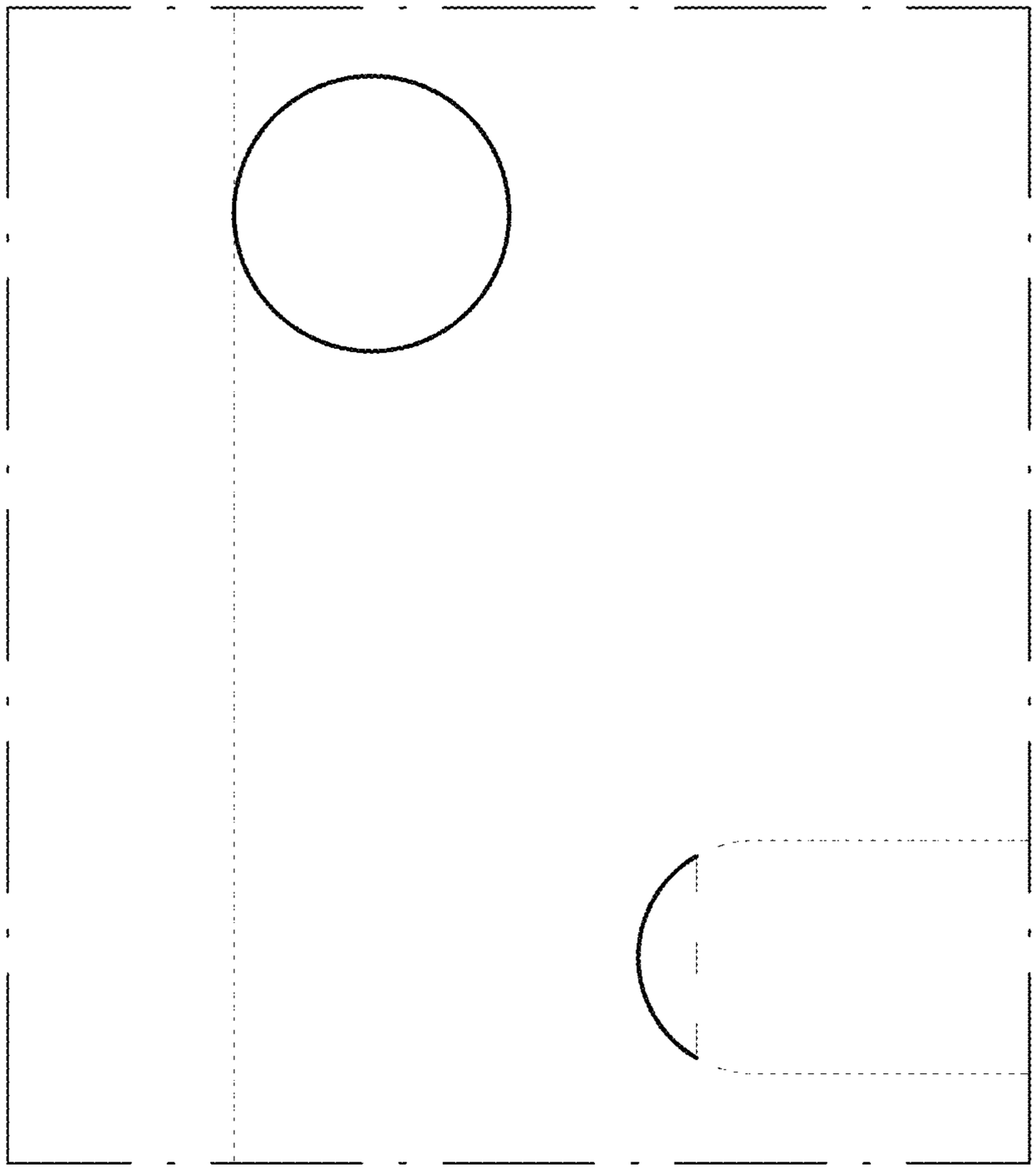

FIG. 7B

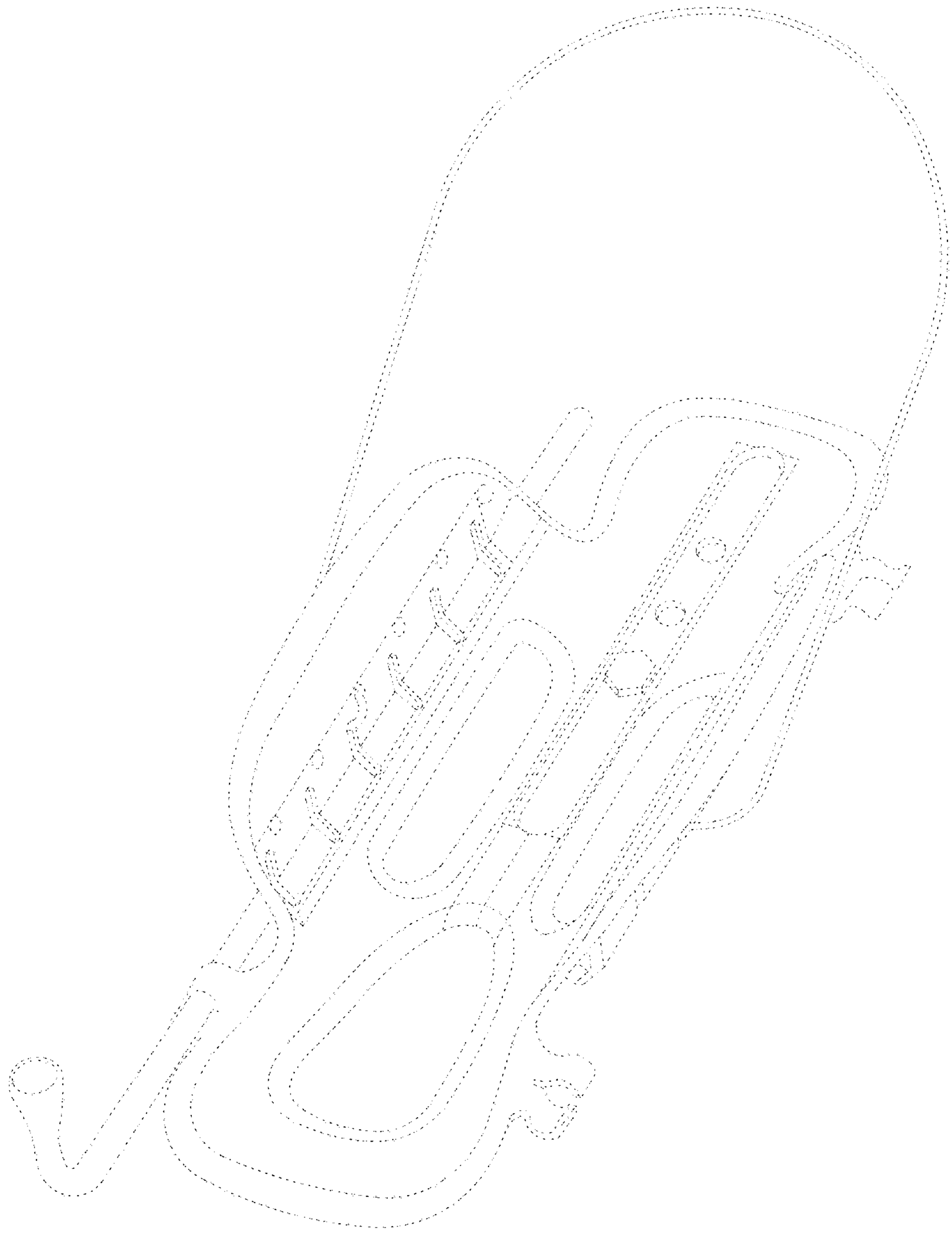

FIG. 8

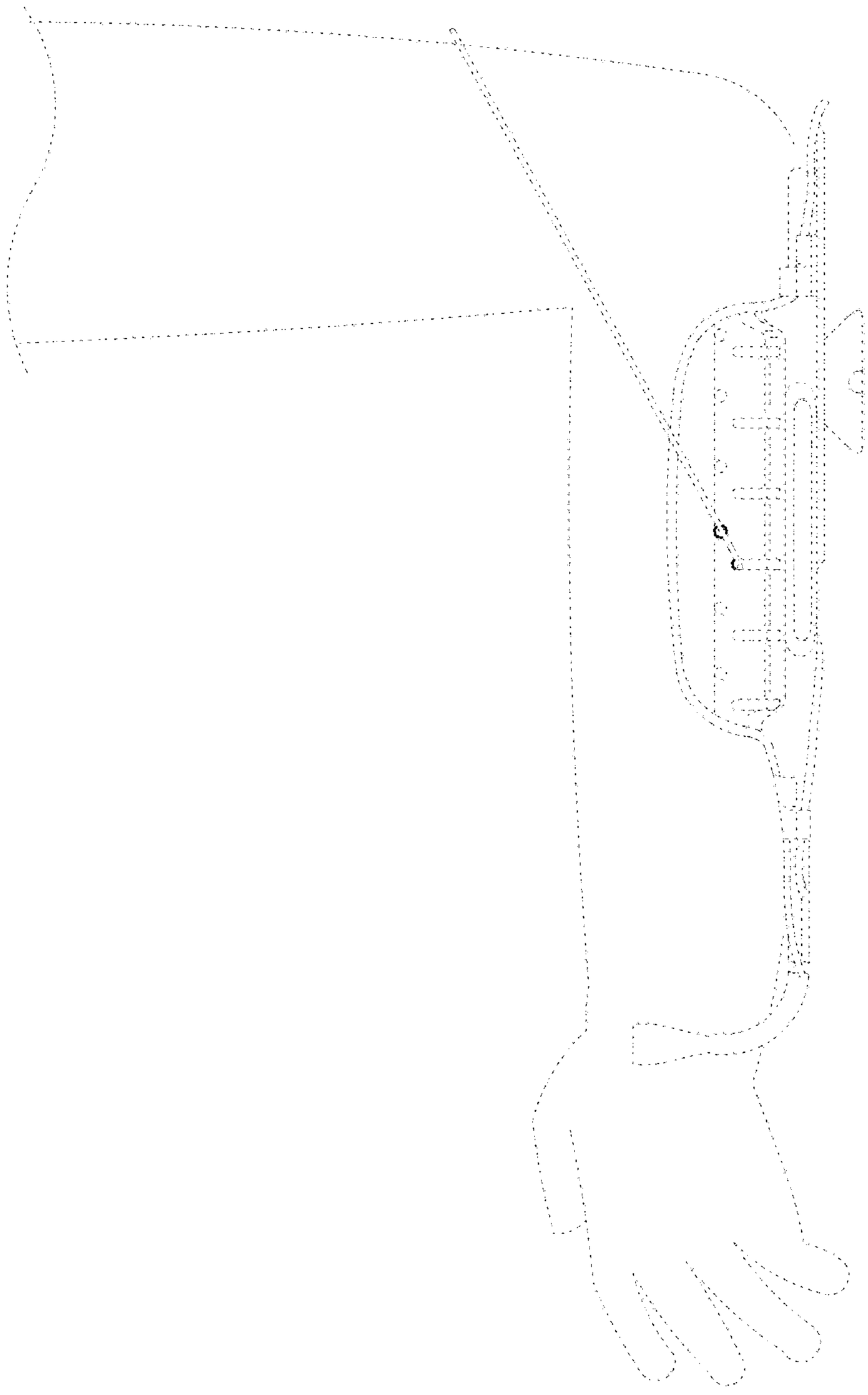

FIG. 9

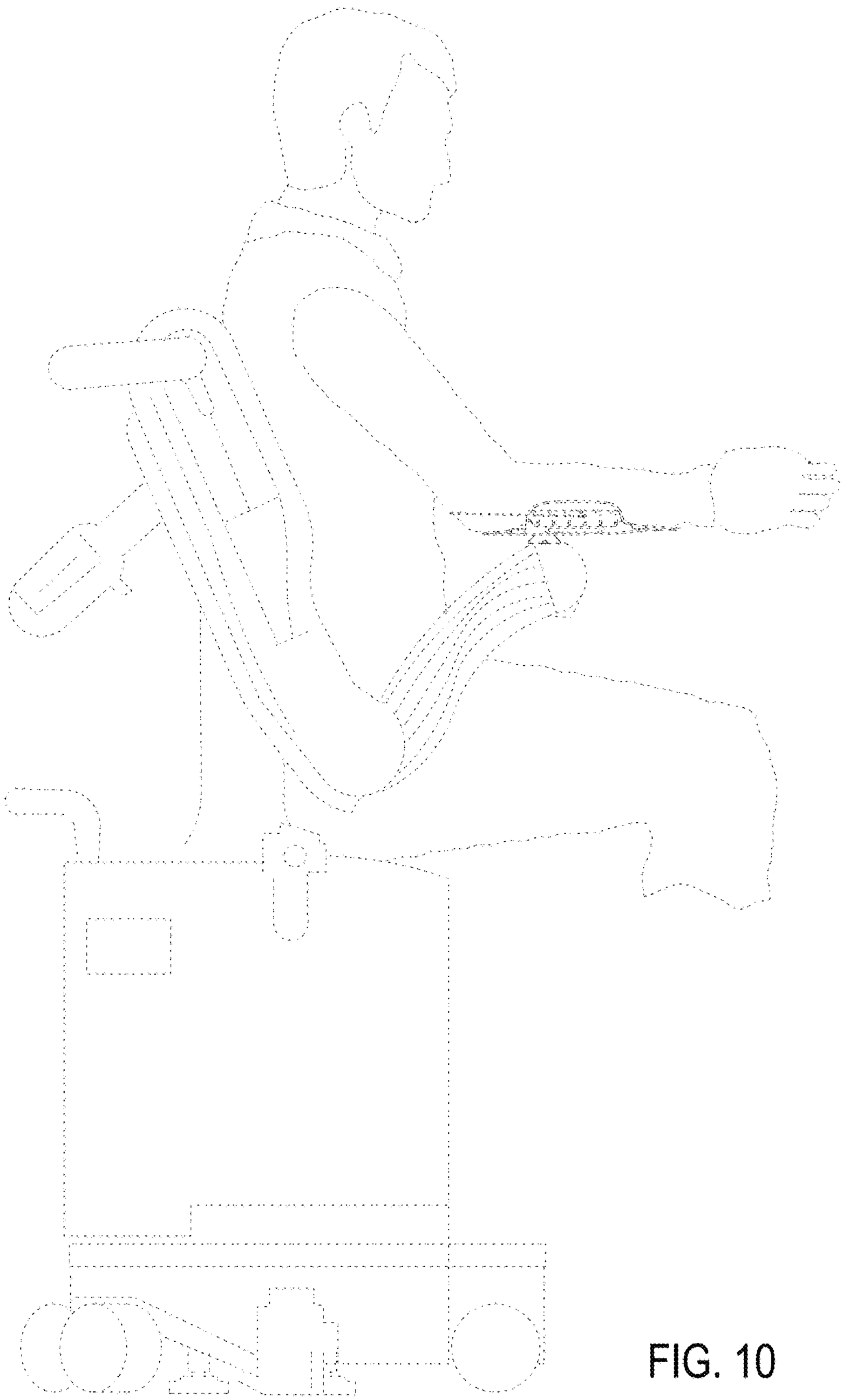

FIG. 10

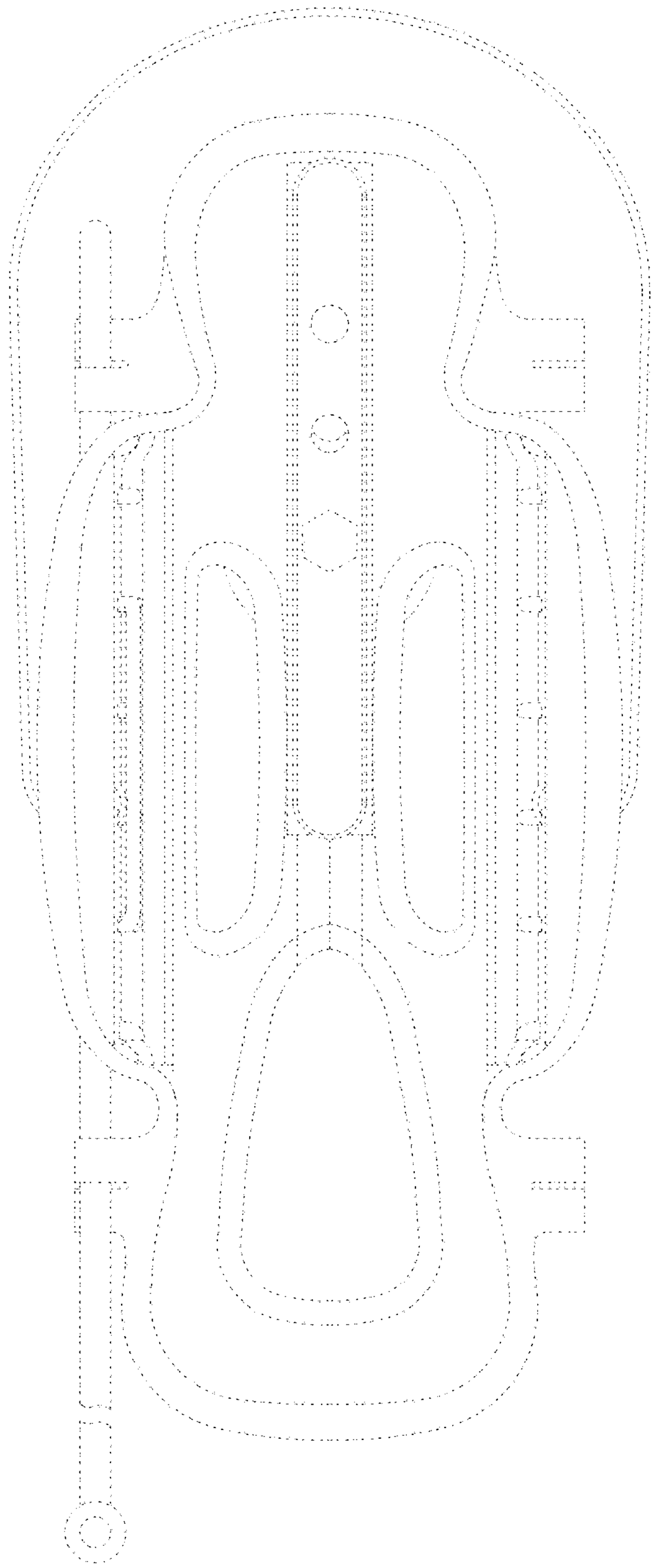

FIG. 11

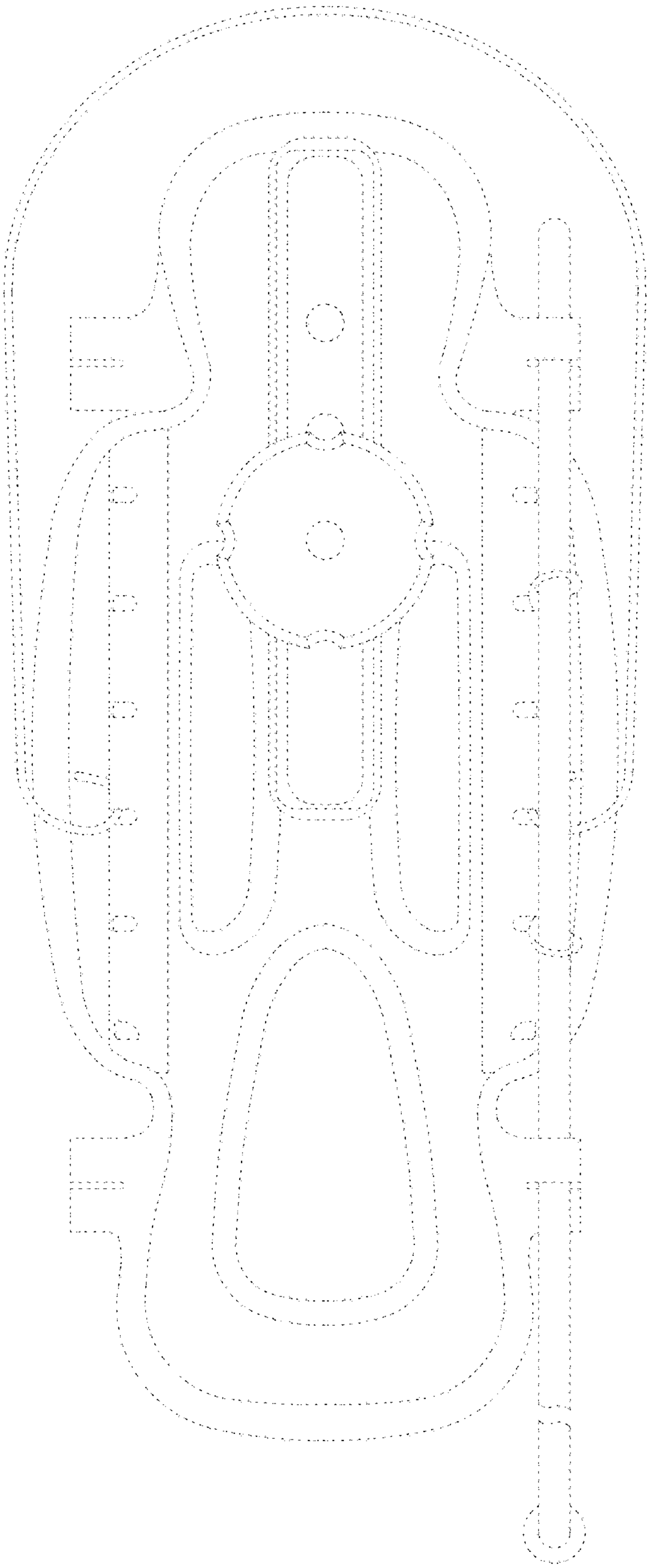

FIG. 12

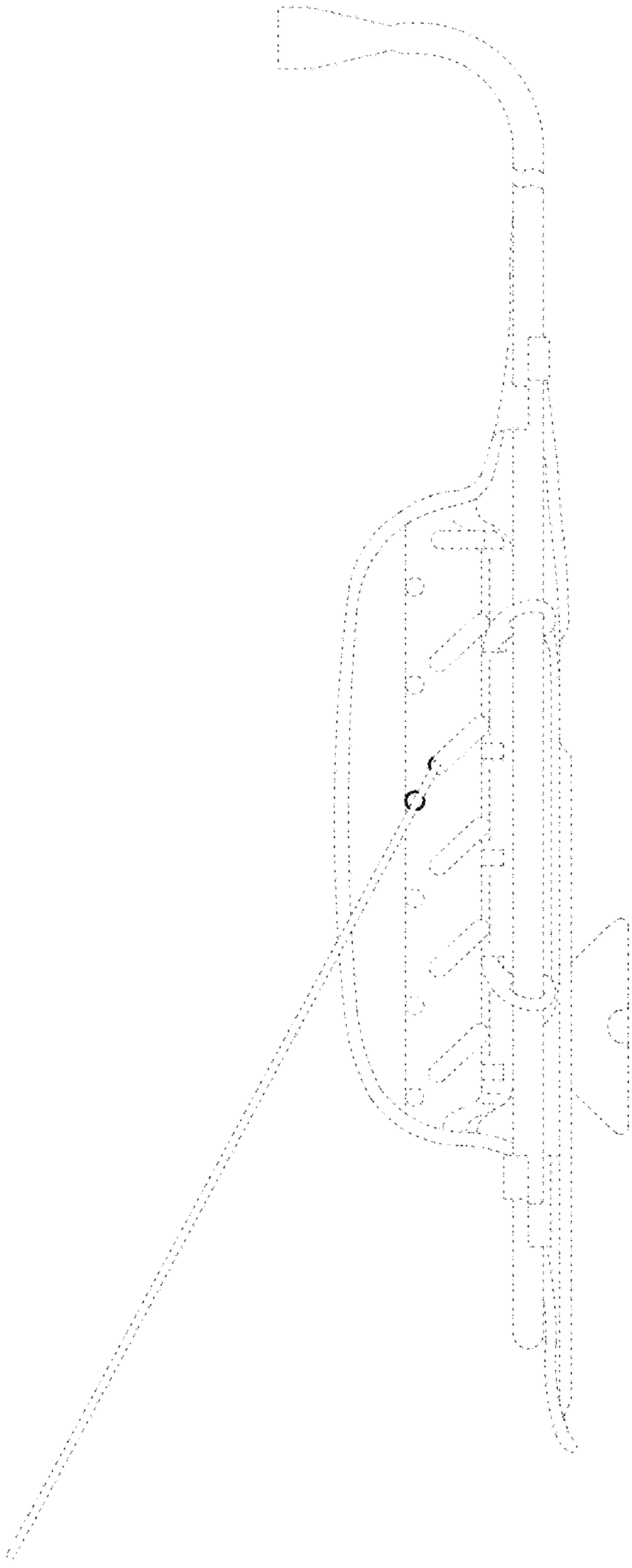

FIG. 13

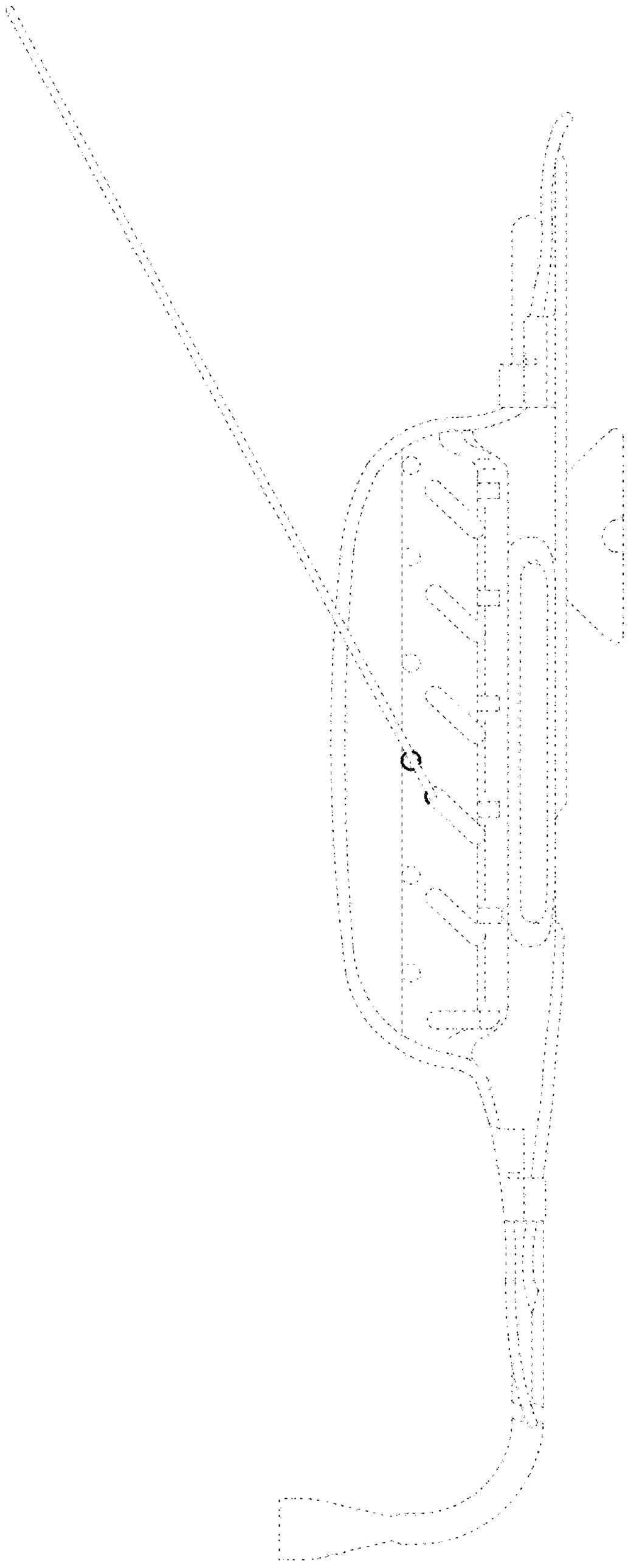

FIG. 14

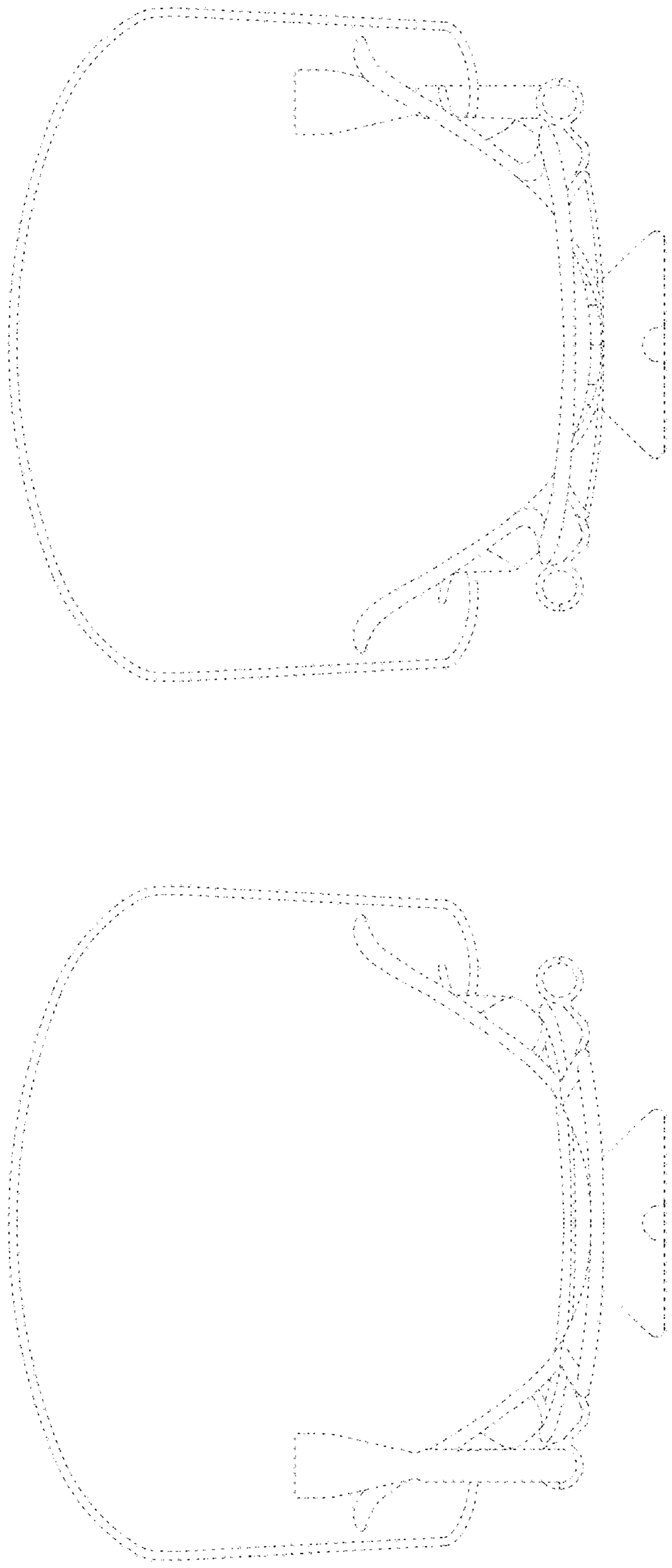

FIG. 16

FIG. 15

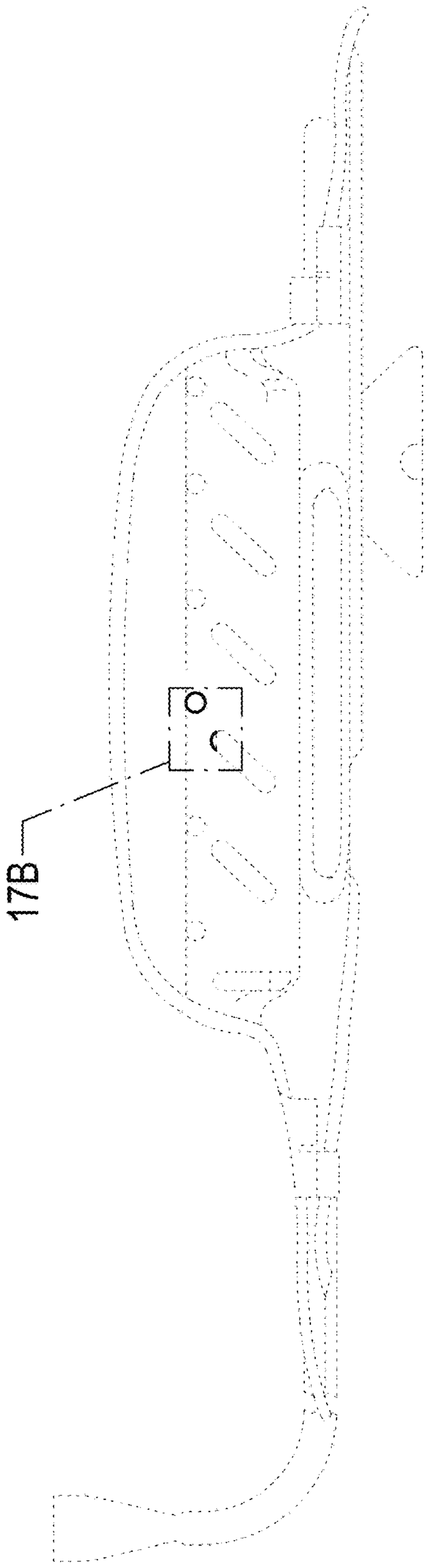

FIG.17A

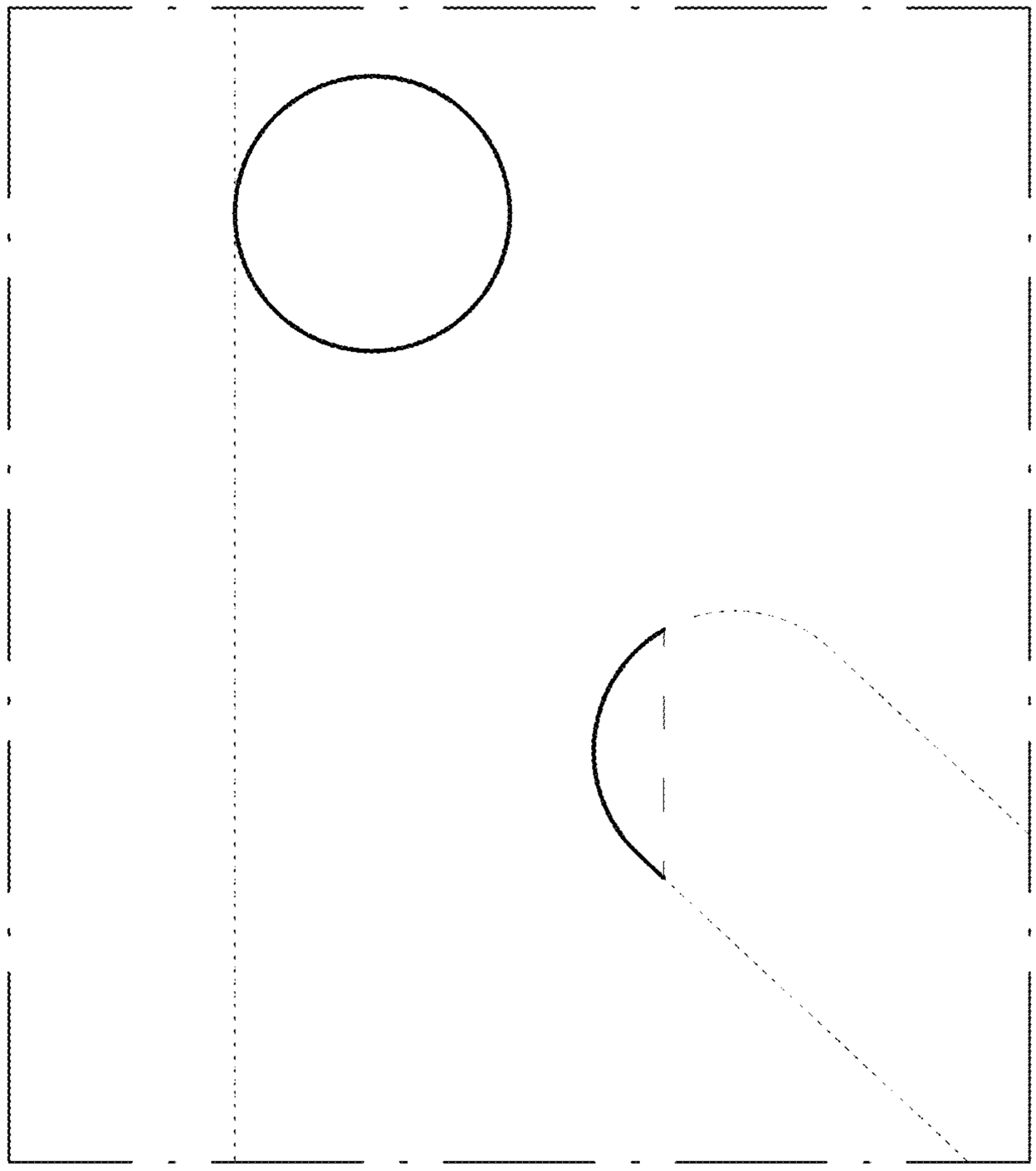

FIG. 17B

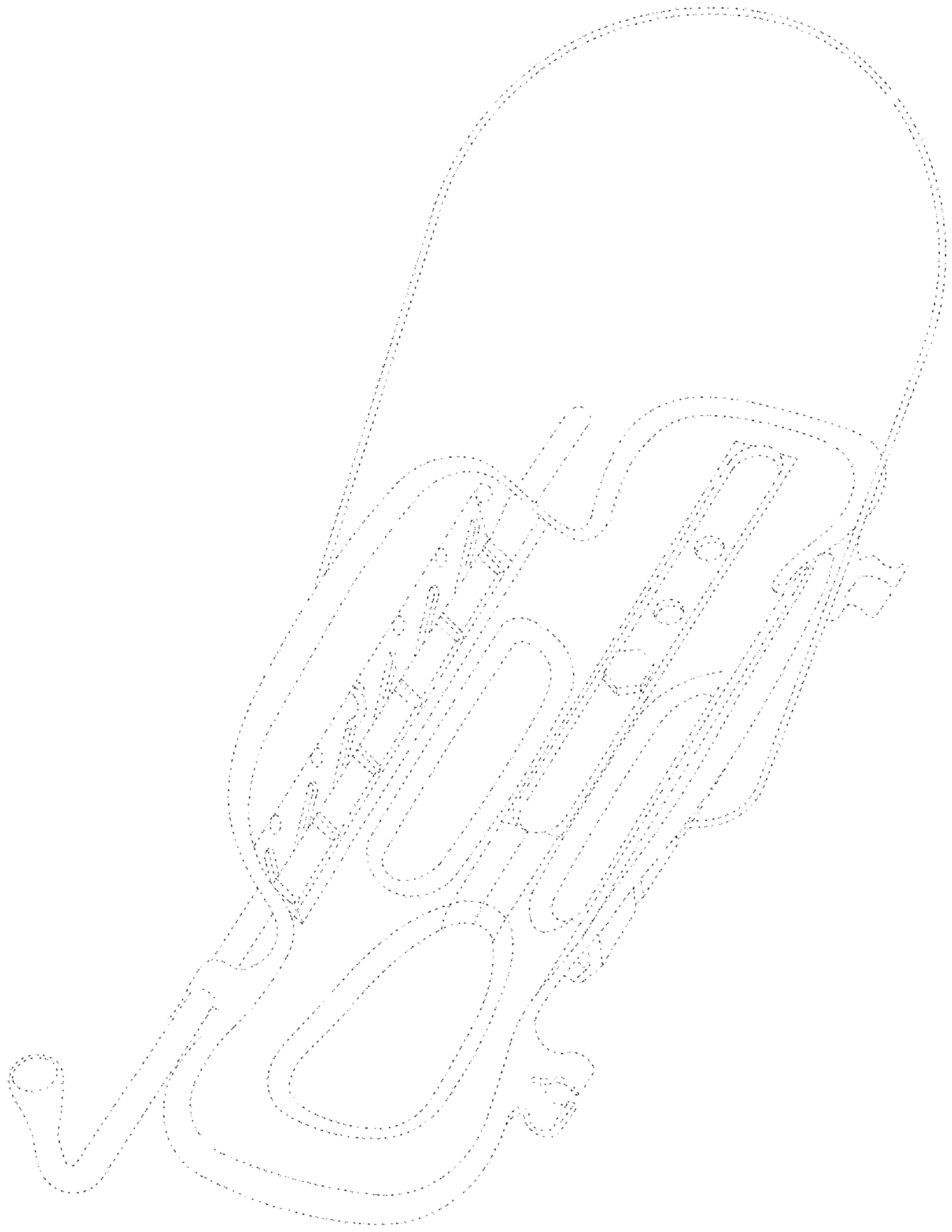

FIG. 18

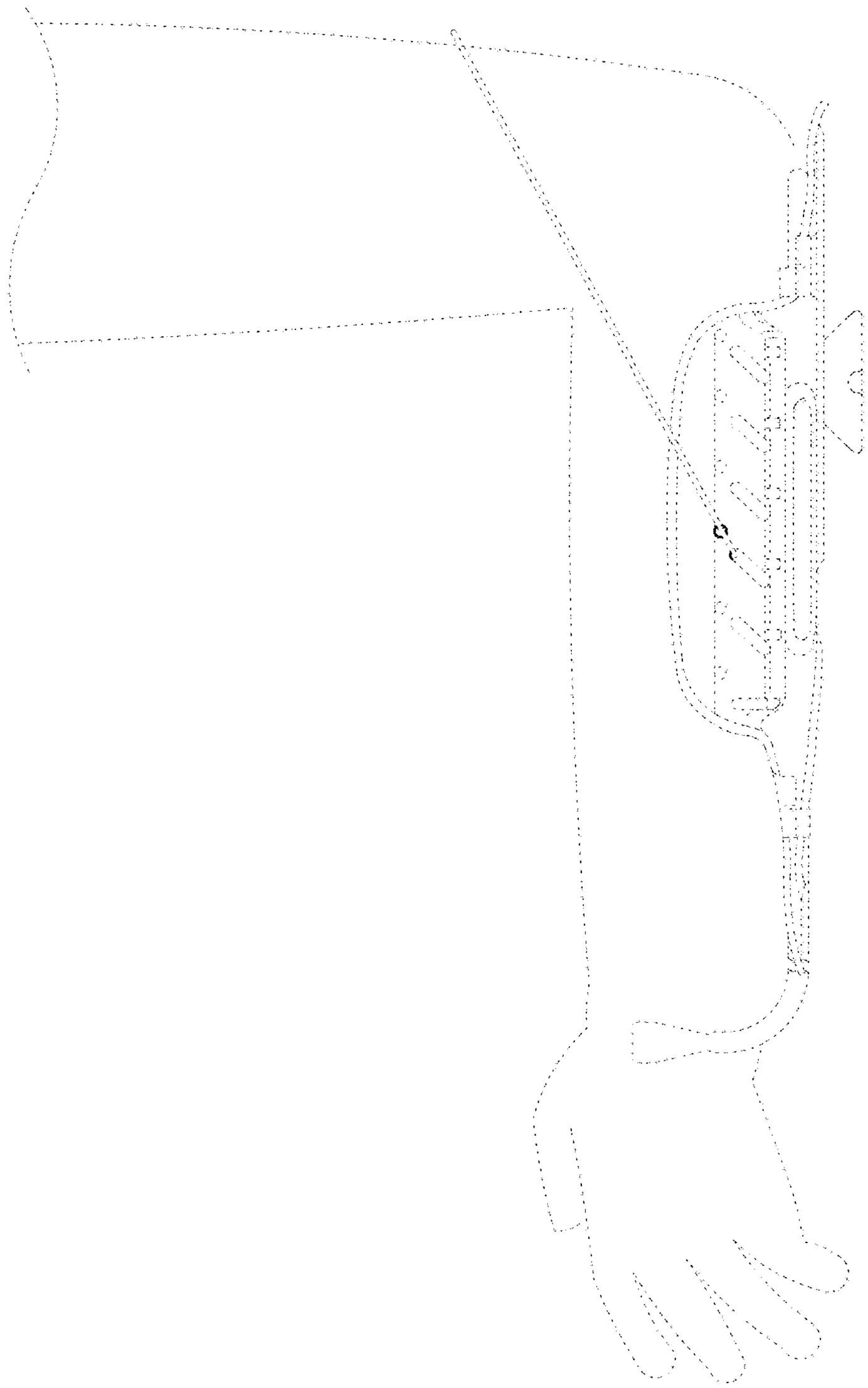

FIG. 19