

US00D739382S

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

(10) **Patent No.:** **US D739,382 S**
(45) **Date of Patent:** **** Sep. 22, 2015**

(54) **ACOUSTIC DUCT**

(71) Applicant: **HOSIDEN CORPORATION**, Yao-shi,
Osaka (JP)

(72) Inventors: **Hiroki Niho**, Yao (JP); **Takashi Miyakura**, Yao (JP)

(73) Assignee: **HOSIDEN CORPORATION**, Yao-Shi
(JP)

(**) Term: **14 Years**

(21) Appl. No.: **29/464,365**

(22) Filed: **Aug. 15, 2013**

(30) **Foreign Application Priority Data**

Feb. 22, 2013 (JP) 2013-003634

(51) **LOC (10) Cl.** **14-01**

(52) **U.S. Cl.**
USPC **D14/217**

(58) **Field of Classification Search**

USPC D14/168, 172, 188, 189, 192, 204,
D14/207–216, 220–222, 224, 314, 365;
181/143, 144, 148, 150–153, 157, 159,
181/198, 199; 381/300–302, 332, 333, 336,
381/345, 361, 365, 386, 388

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,020,284 A * 4/1977 Phillips 381/2
D379,988 S * 6/1997 Holdaway et al. D14/208

D384,075 S * 9/1997 Hsiao D14/204
5,844,176 A * 12/1998 Clark 181/148
6,012,542 A * 1/2000 Accordino 181/199
D520,014 S * 5/2006 Harris et al. D14/434
2009/0052722 A1 * 2/2009 Seki 381/386

FOREIGN PATENT DOCUMENTS

JP D1271954 * 5/2006

* cited by examiner

Primary Examiner — Derrick Holland

Assistant Examiner — Janice Lim

(74) *Attorney, Agent, or Firm* — Rankin, Hill & Clark LLP

(57) **CLAIM**

The ornamental design for an acoustic duct, as shown and described.

DESCRIPTION

FIG. 1 is a front, right side and top perspective view of an acoustic duct showing our new design;
FIG. 2 is a rear, left side and top perspective view thereof;
FIG. 3 is a front elevation view thereof;
FIG. 4 is a rear elevation view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.

The broken lines shown represent unclaimed subject matter and form no part of the claimed design.

1 Claim, 3 Drawing Sheets

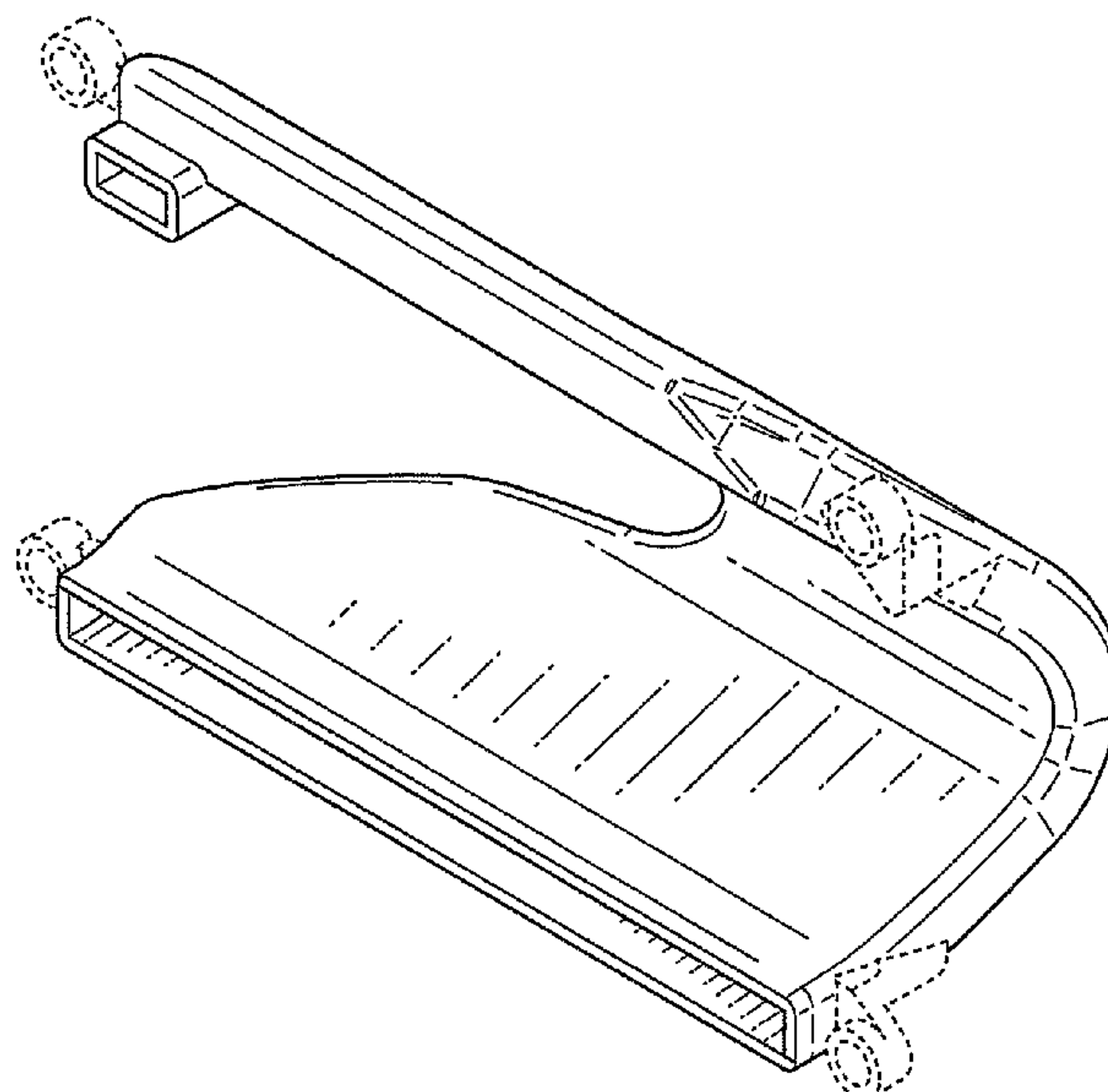


Fig. 1

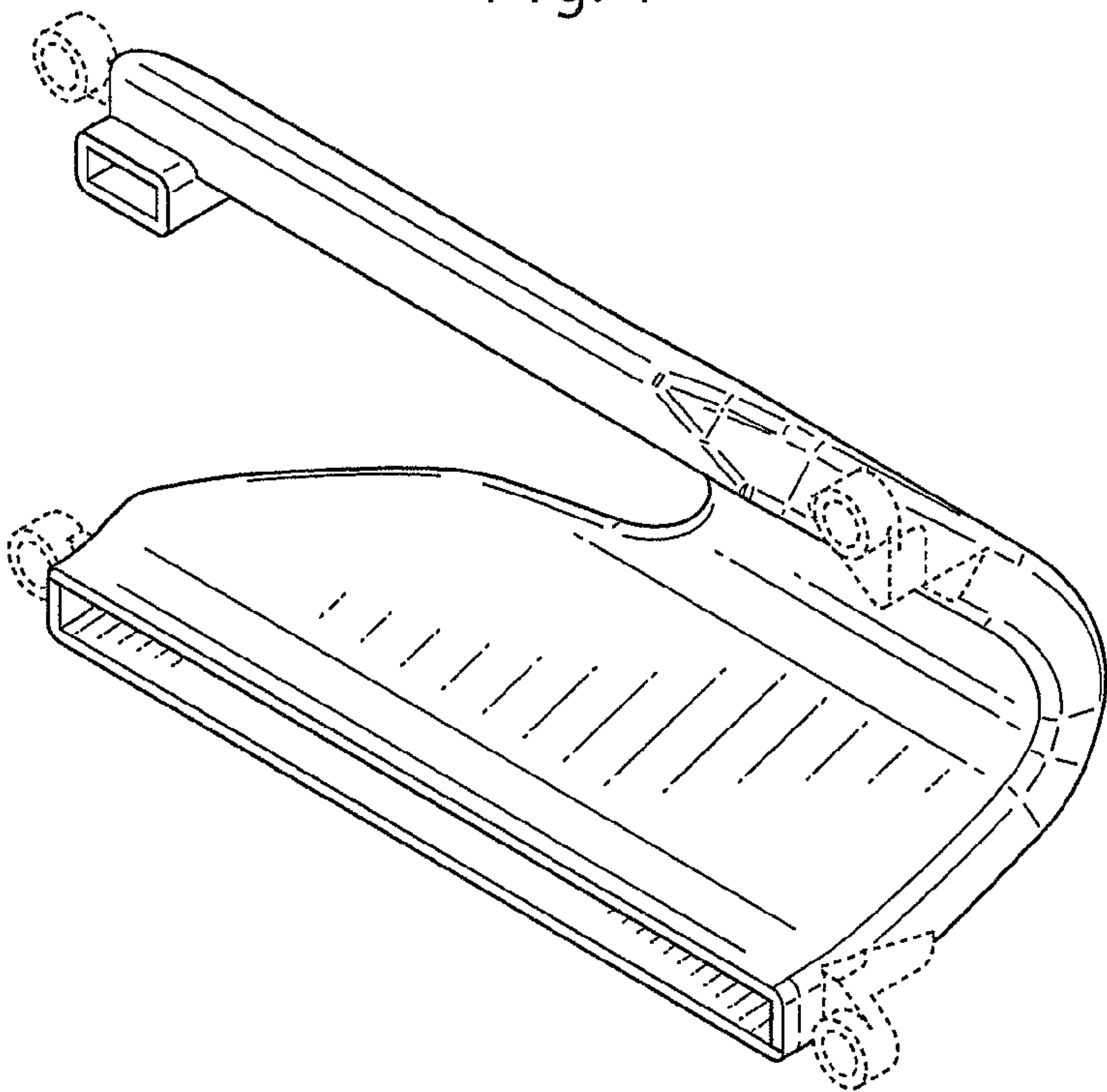


Fig. 2

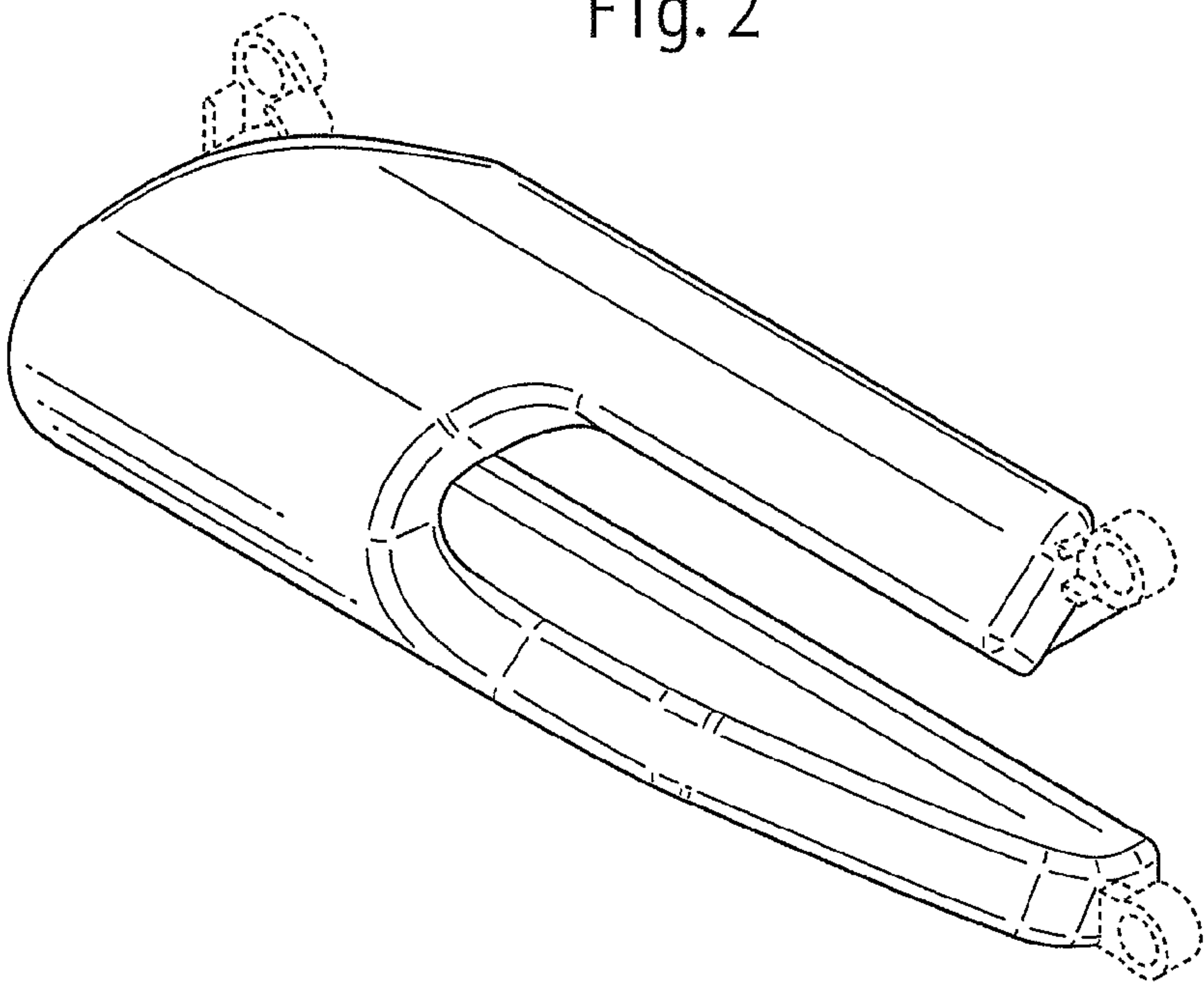


Fig. 3

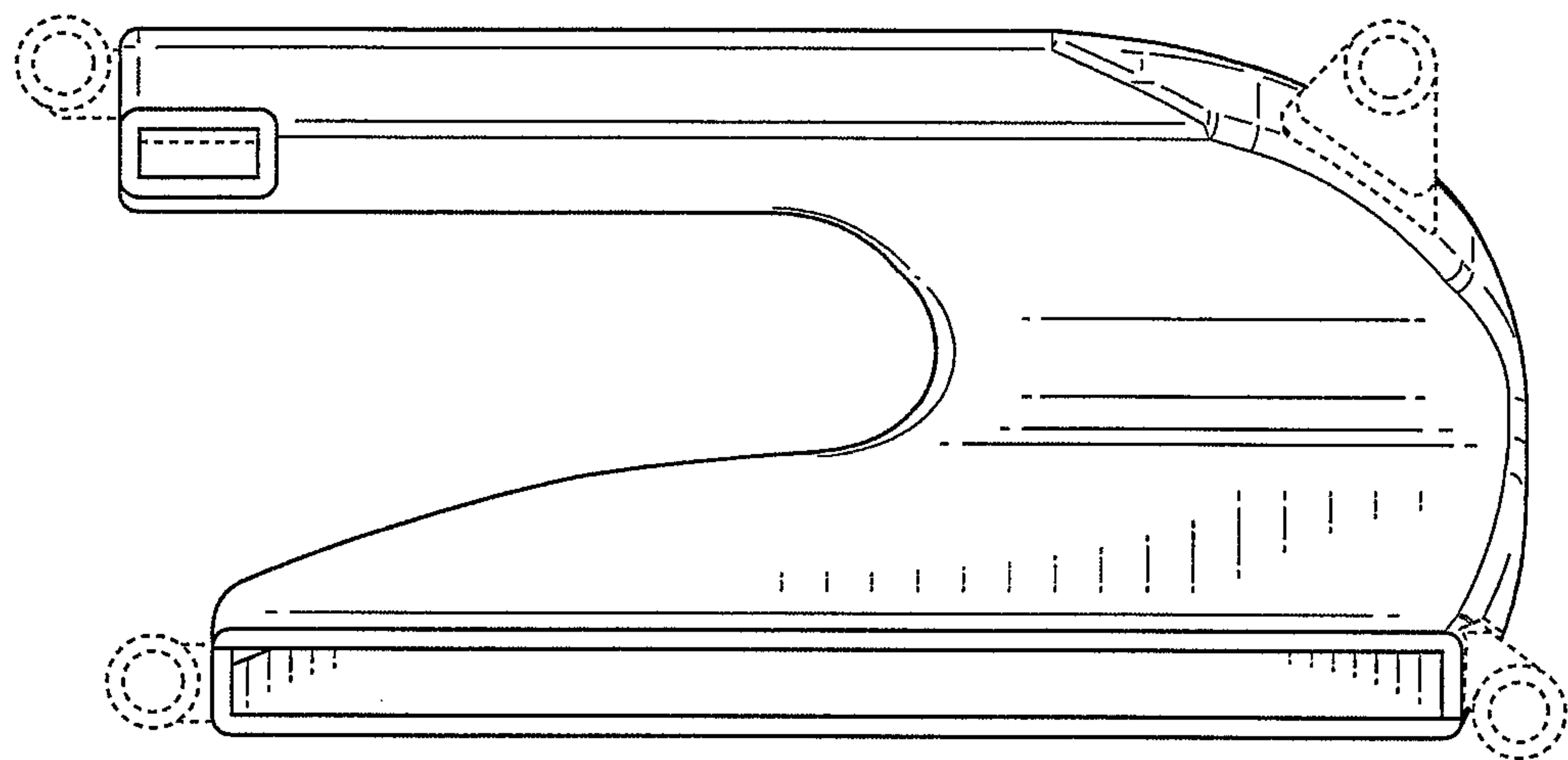


Fig. 4

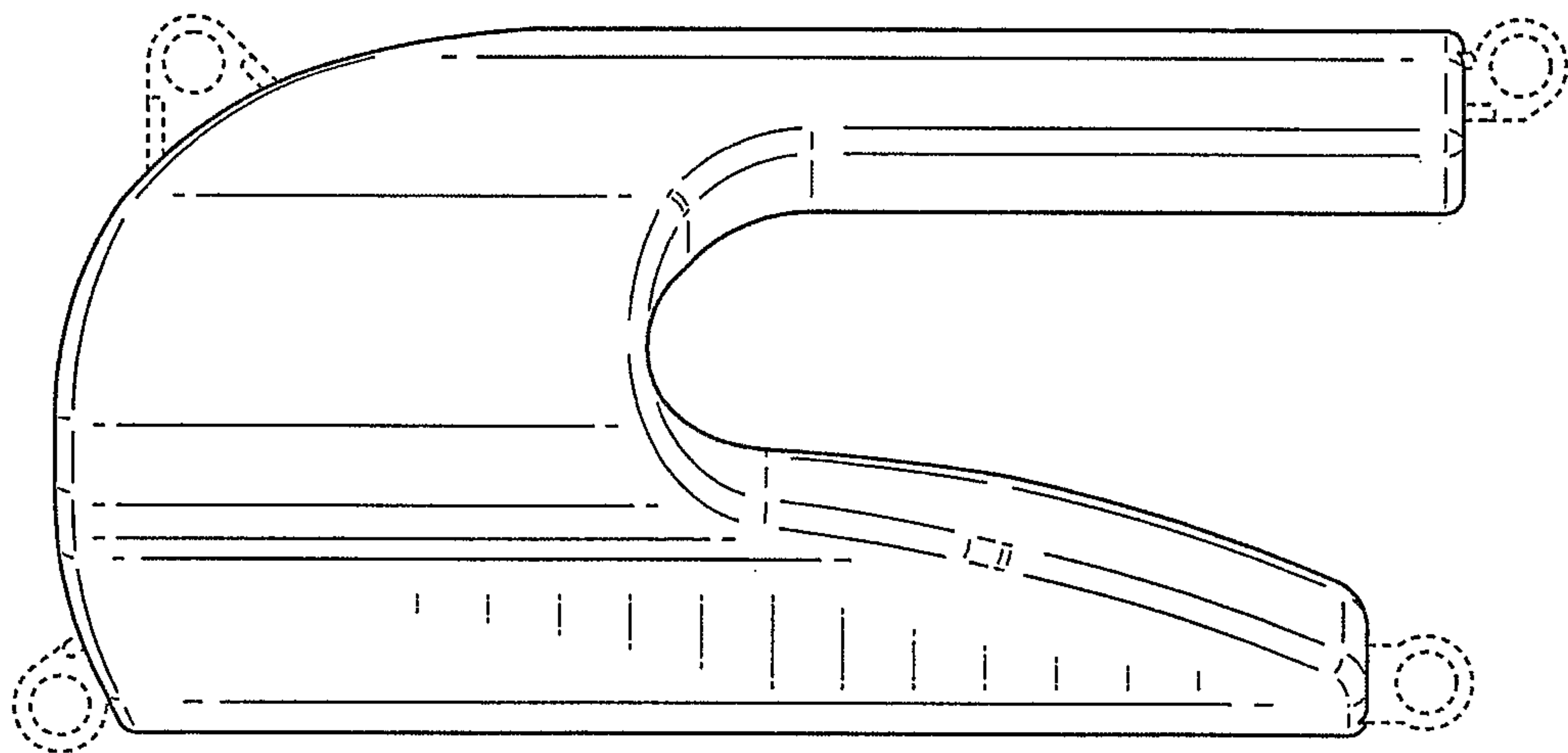


Fig. 5

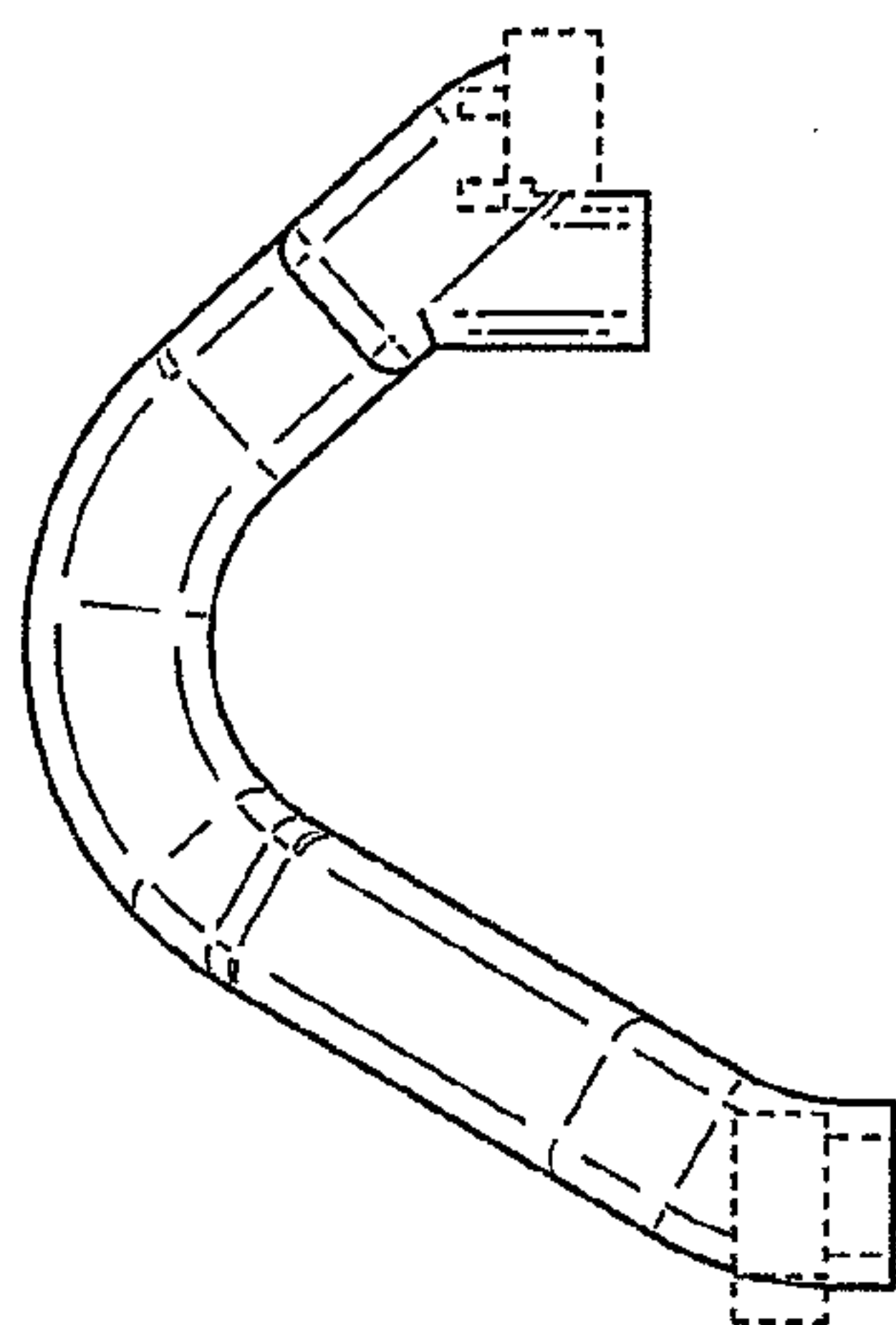


Fig. 6

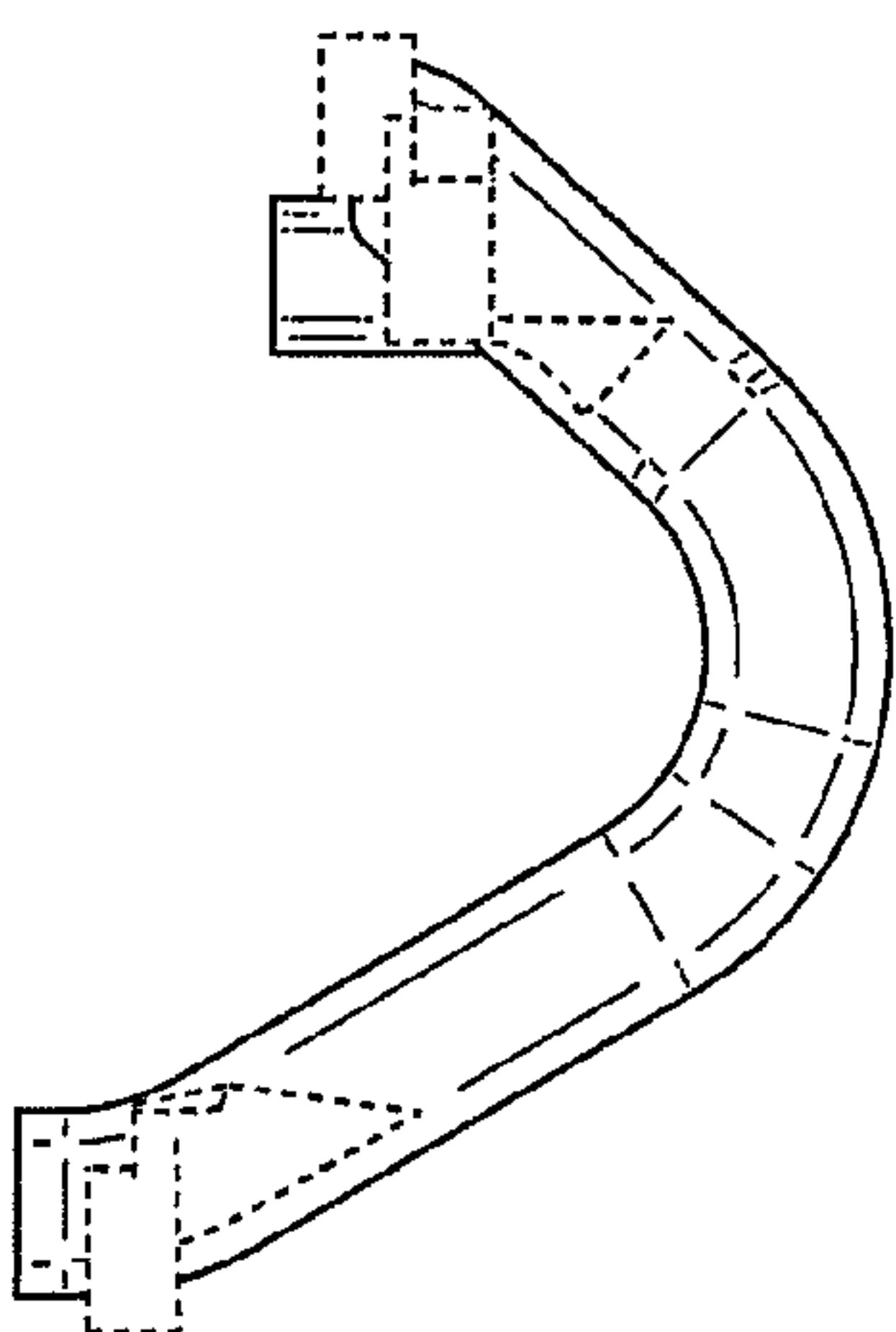


Fig. 7

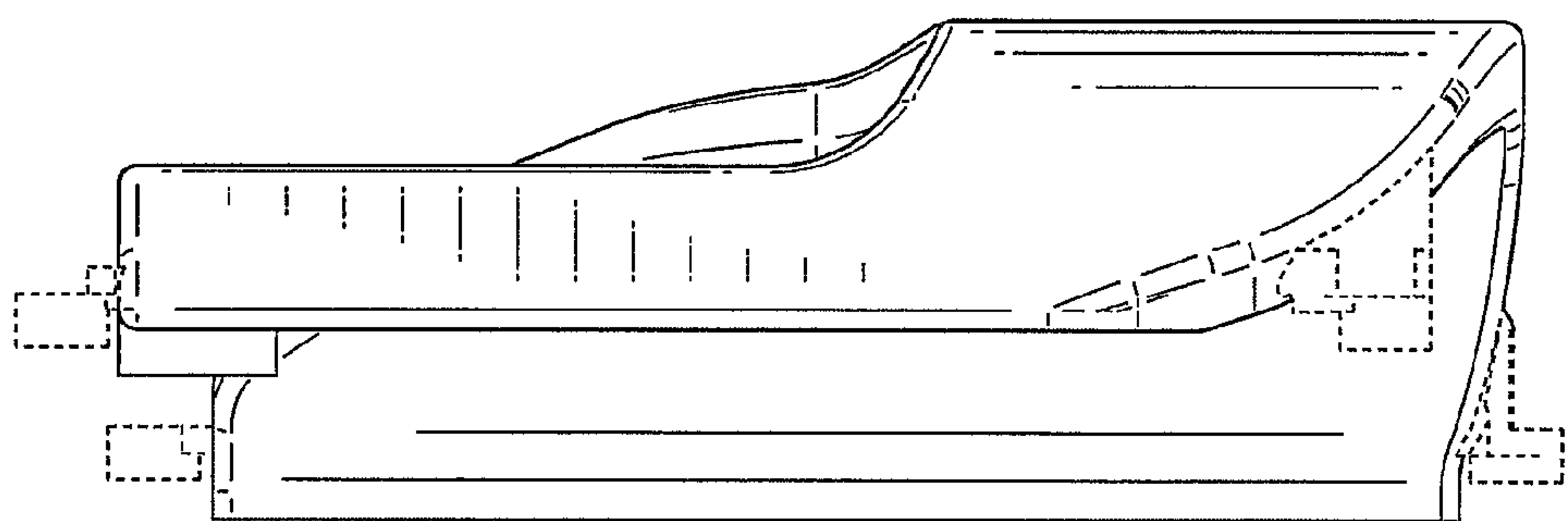


Fig. 8

