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

(10) **Patent No.:** **US D441,776 S**

(45) **Date of Patent:** **\*\* May 8, 2001**

- (54) **THERMAL BINDING MACHINE**
- (75) Inventor: **James Cheng, Chia Yi Hsien (TW)**
- (73) Assignee: **Homedal Industrial Corporation, Chia Yi Hsien (TW)**
- (\*\*) Term: **14 Years**
- (21) Appl. No.: **29/122,672**
- (22) Filed: **May 2, 2000**
- (51) **LOC (7) Cl.** ..... **15-09**
- (52) **U.S. Cl.** ..... **D15/146**
- (58) **Field of Search** ..... D15/145, 146;  
D18/34; 53/373, 138.3, 374.8, 139.1, 374.9,  
583, 390, 405, 432-434, 510-512, DIG. 2;  
118/242, 263, 264, 270; 156/497, 583.1-583.91

- D. 352,955 \* 11/1994 Nordgren ..... D18/34
- D. 416,921 \* 11/1999 Cheng ..... D15/146
- 6,098,370 \* 8/2000 Kobayashi et al. .... 53/138.3

\* cited by examiner

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(57) **CLAIM**

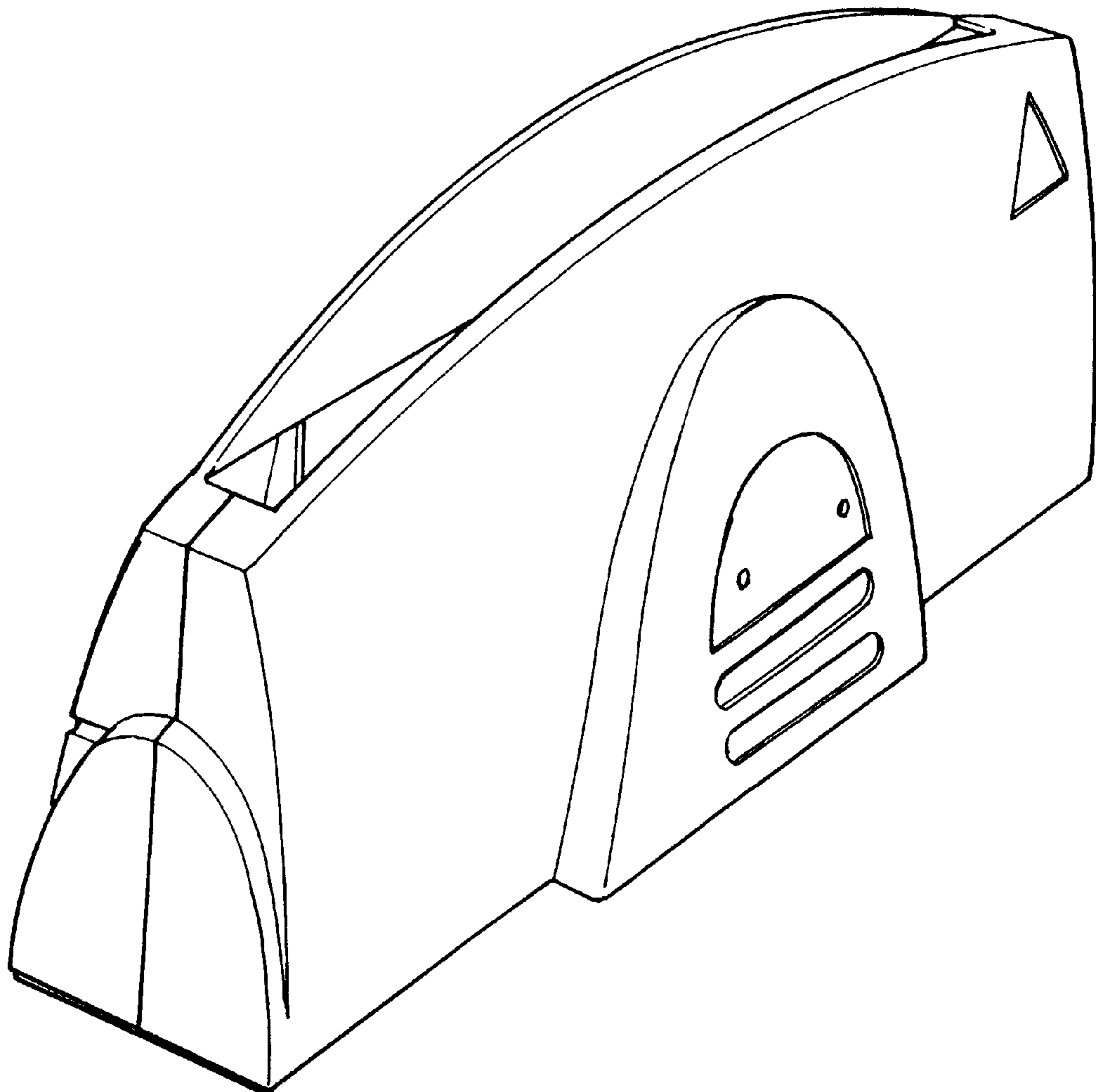
The ornamental design for a thermal binding machine, as shown.

**DESCRIPTION**

FIG. 1 is a perspective view of the thermal binding machine showing my new design;  
 FIG. 2 is a right side elevational view thereof;  
 FIG. 3 is a top plan view thereof;  
 FIG. 4 is a front elevational view thereof;  
 FIG. 5 is a bottom plan view thereof;  
 FIG. 6 is a left side elevational view thereof; and,  
 FIG. 7 is a rear elevational view thereof.

- (56) **References Cited**
- U.S. PATENT DOCUMENTS**
- D. 288,212 \* 2/1987 Nordgren ..... D18/34

**1 Claim, 4 Drawing Sheets**



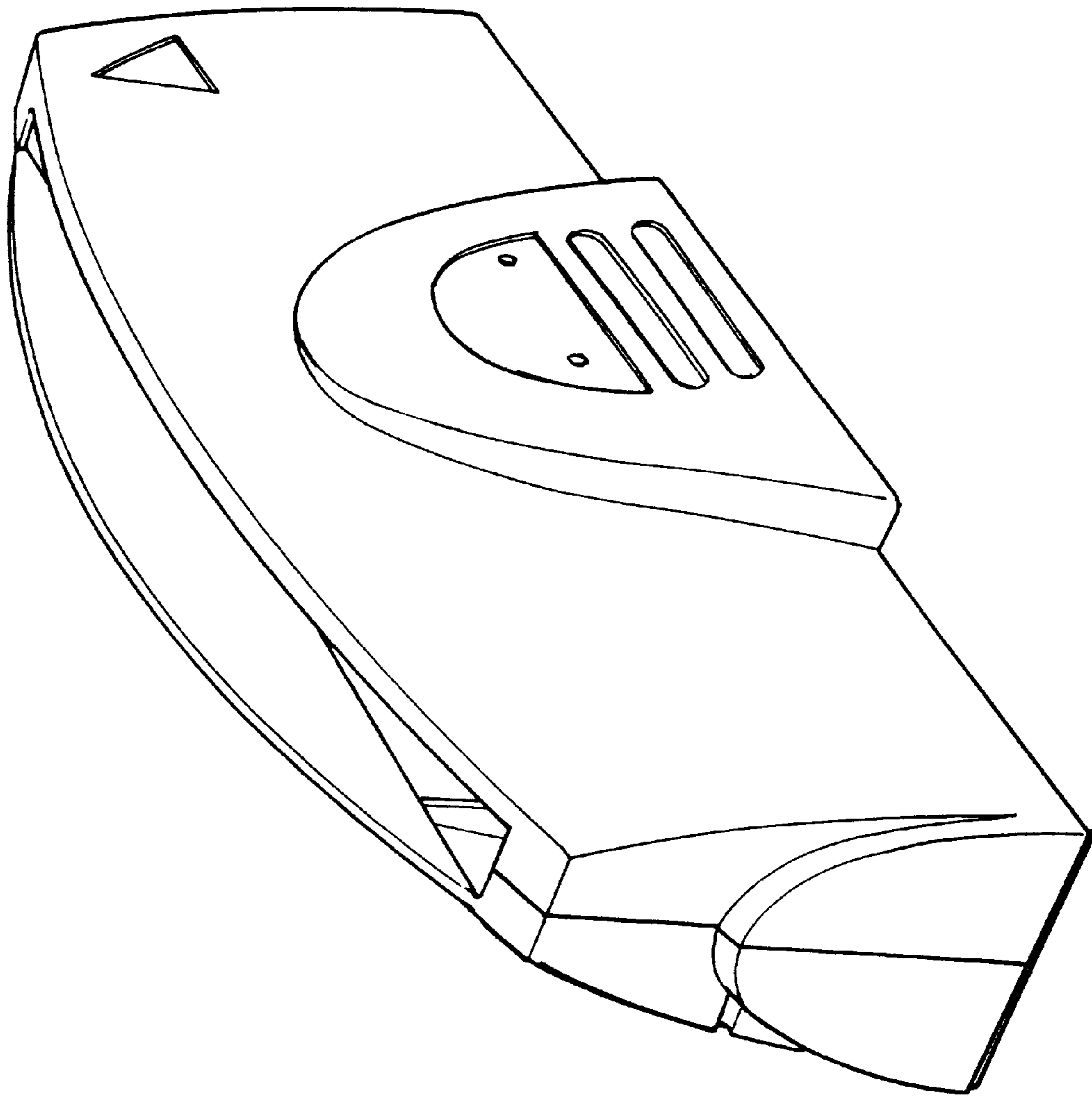


FIG. 1

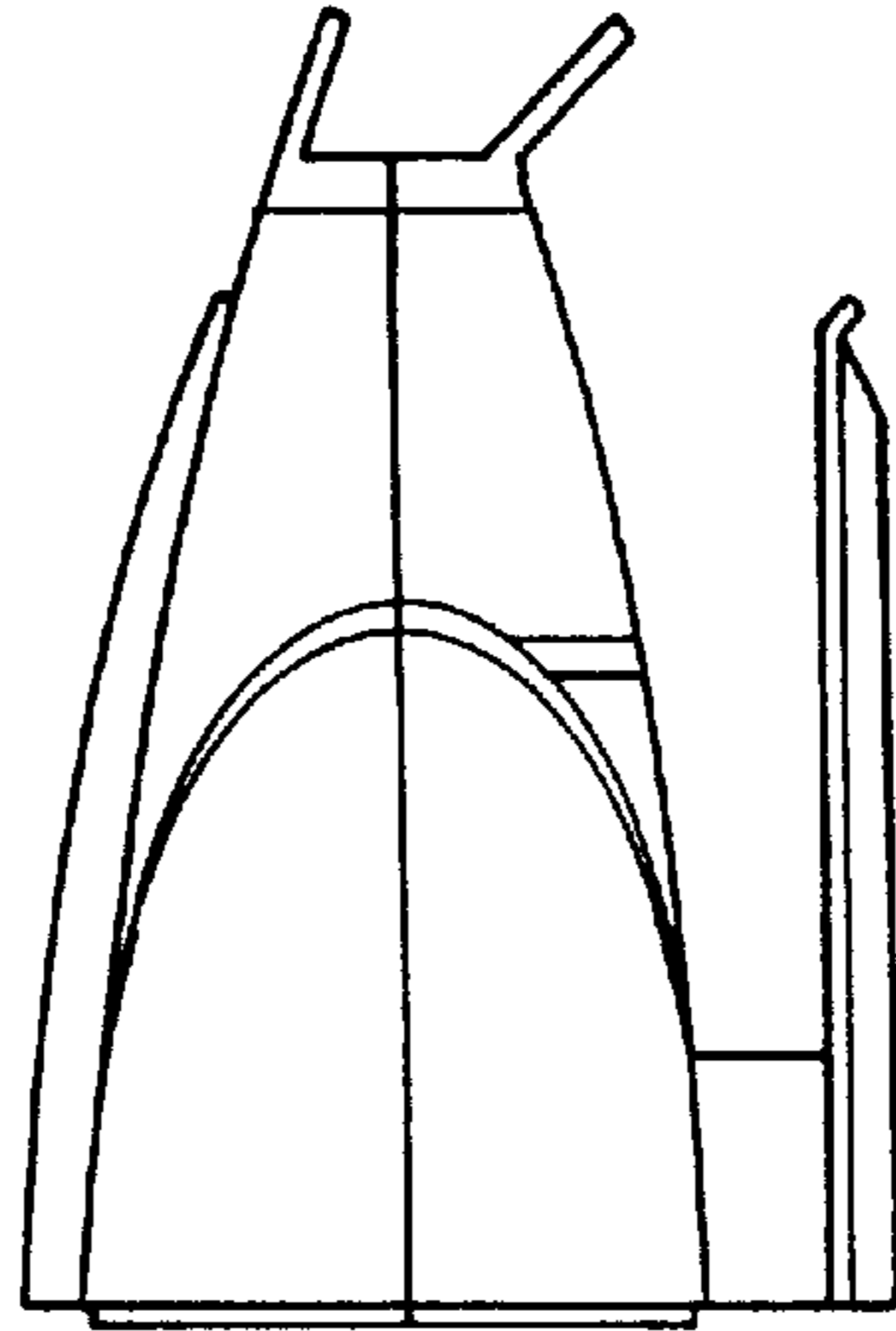


FIG. 2

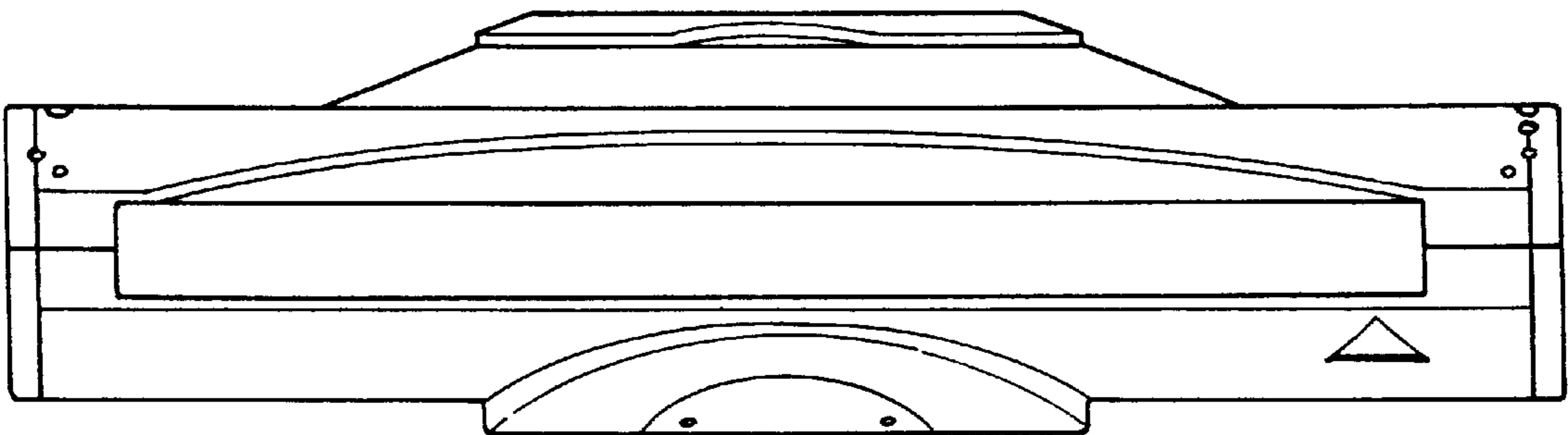


FIG. 3

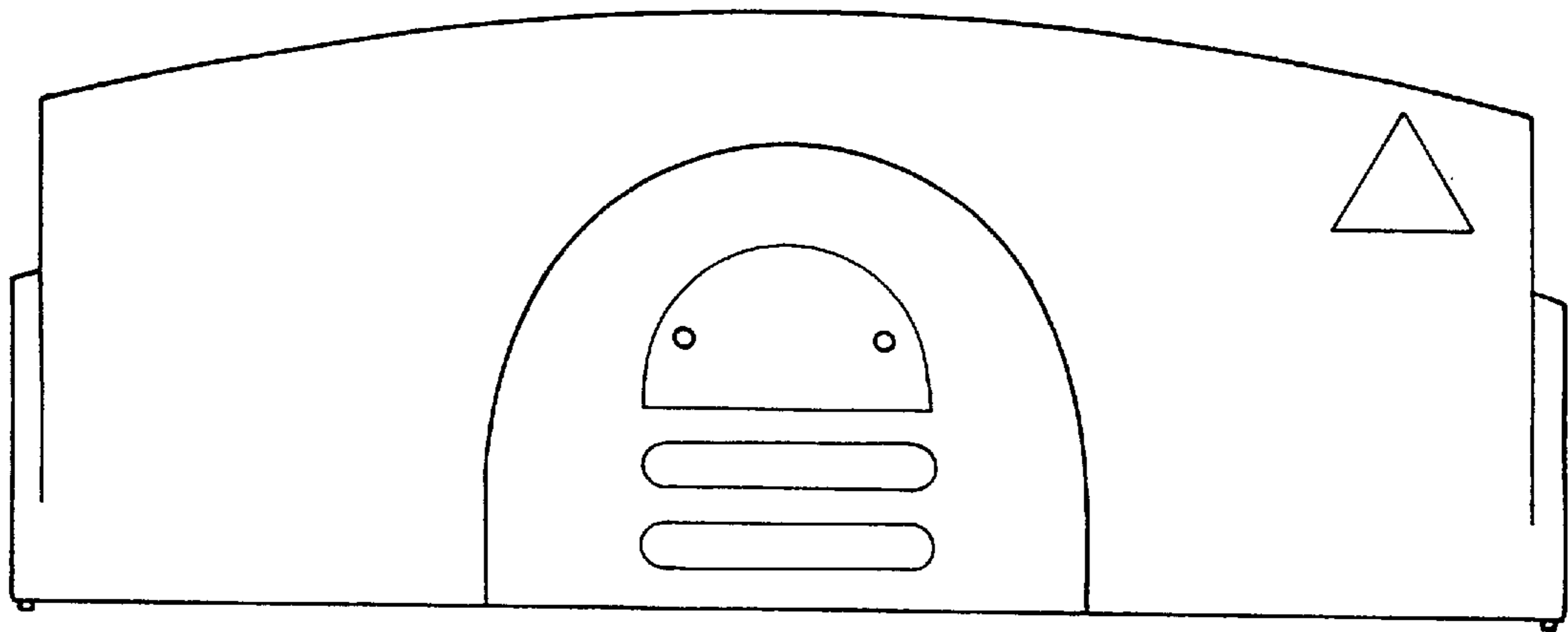


FIG. 4

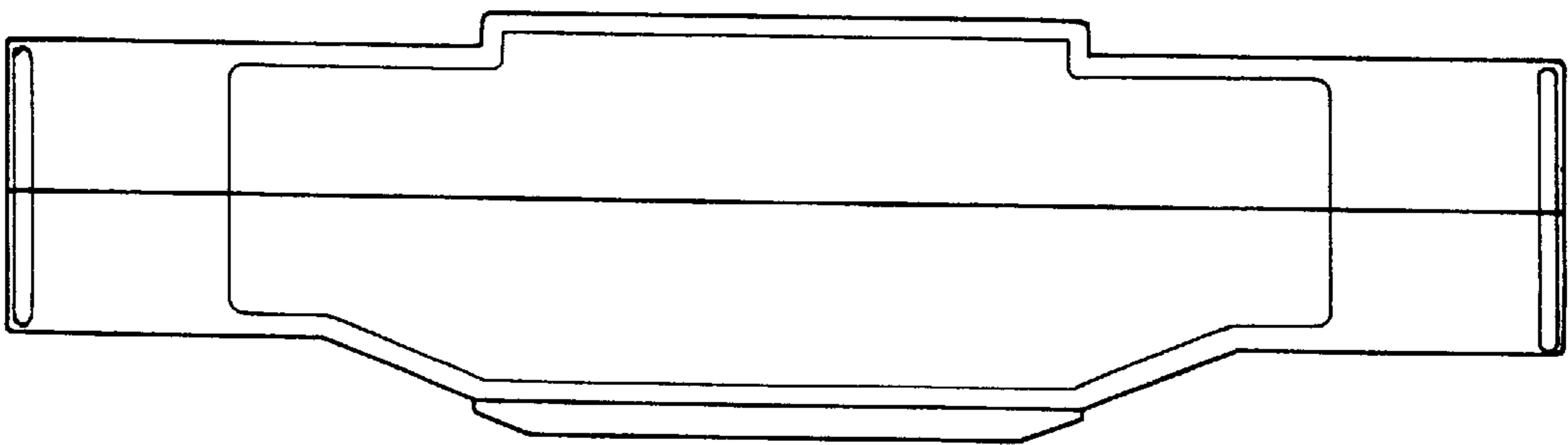


FIG. 5

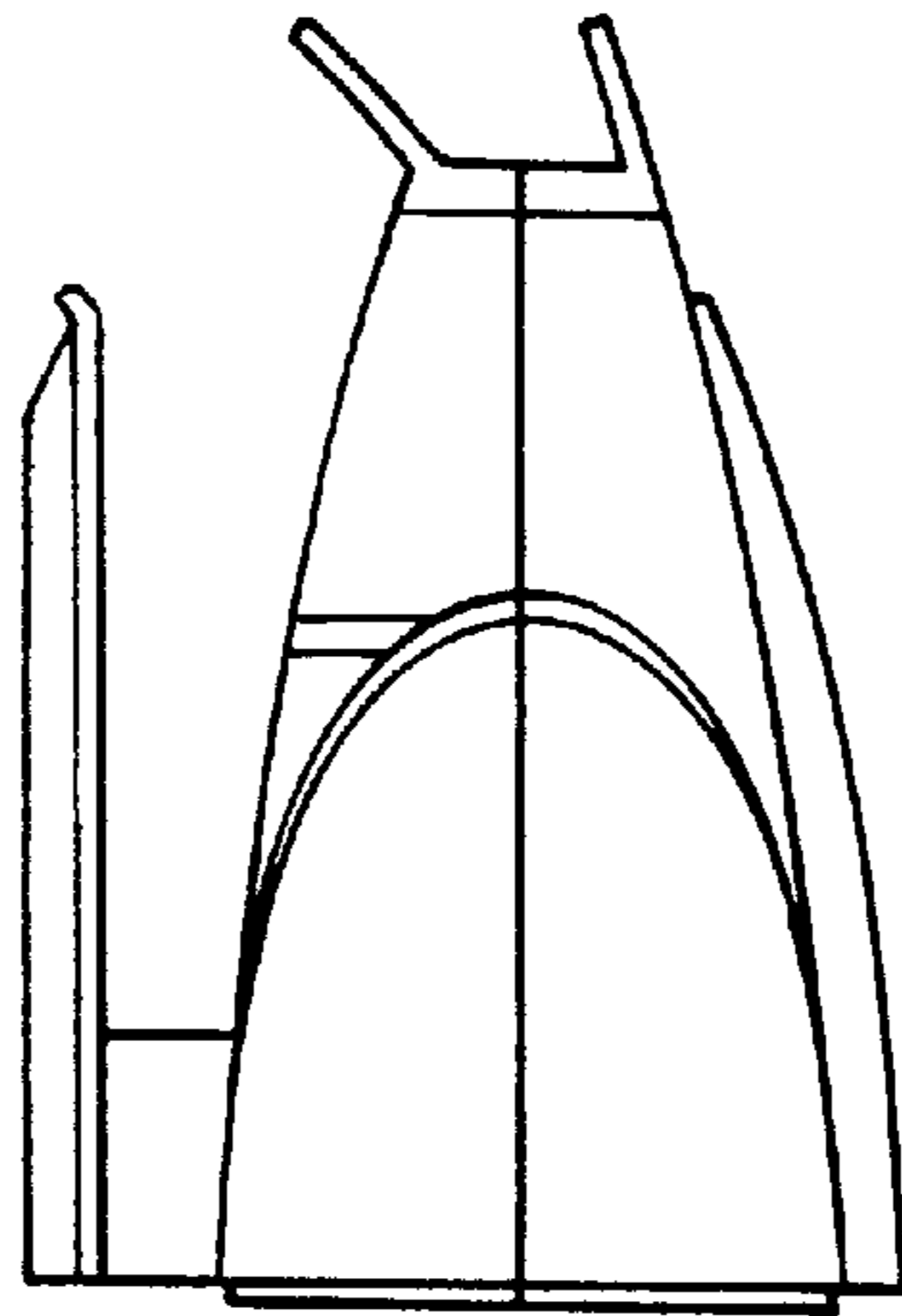


FIG. 6

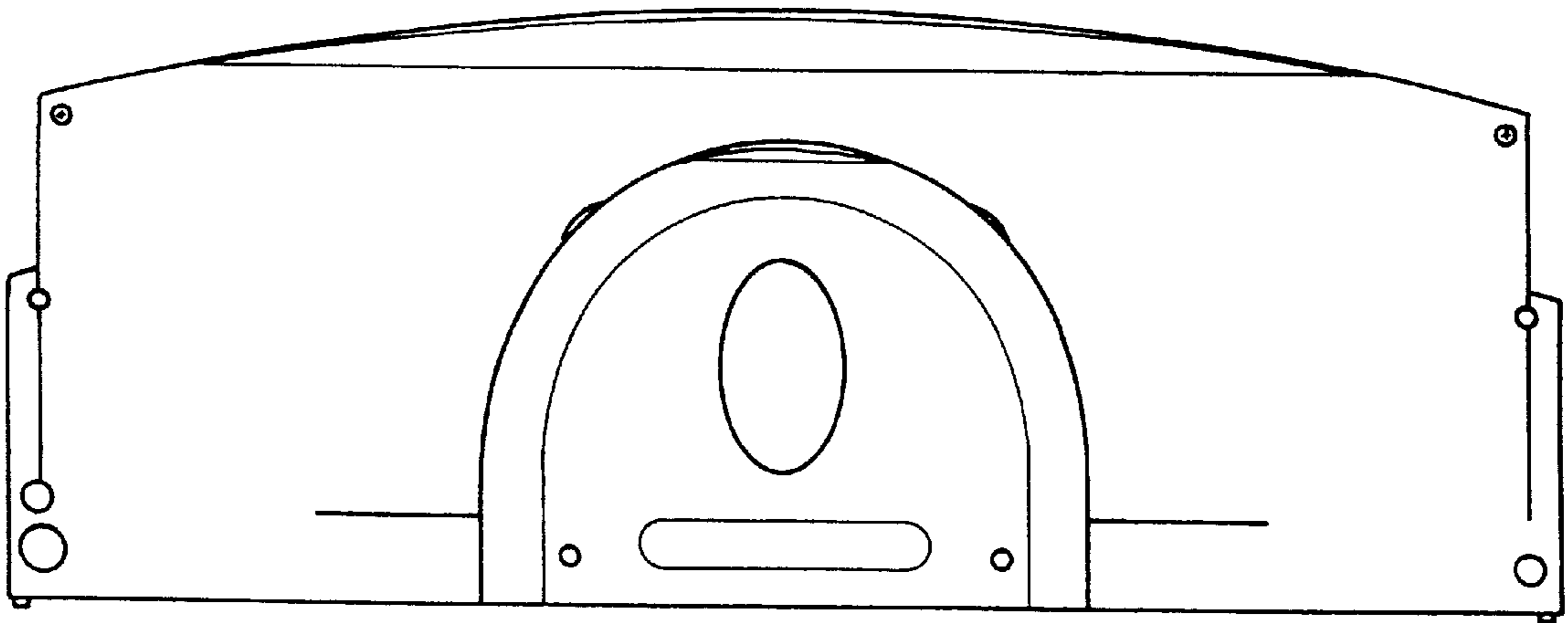


FIG. 7