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

(10) **Patent No.:** **US D478,098 S**

(45) **Date of Patent:** **\*\* Aug. 5, 2003**

(54) **BLADE FOR BULLDOZER**

5,477,600 A \* 12/1995 Houle et al. .... 37/279  
5,950,141 A \* 9/1999 Yamamoto et al. .... 702/41

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**Masatake Tamaru**, Hirakata (JP)

\* cited by examiner

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

(74) *Attorney, Agent, or Firm*—Kanesaka & Takeuchi

(21) Appl. No.: **29/172,198**

(57) **CLAIM**

The ornamental design for a blade for bulldozer, as shown and described.

(22) Filed: **Dec. 9, 2002**

**DESCRIPTION**

(51) **LOC (7) Cl.** ..... **15-03**

FIG. 1 is a perspective view of a blade for a bulldozer showing our new design;

(52) **U.S. Cl.** ..... **D15/11**

FIG. 2 is a front view thereof;

(58) **Field of Search** ..... D15/10, 11, 23,  
D15/25, 28, 32; 37/219, 273, 276, 407,  
266, 279; 254/131.4, 54.5, 59; 701/41,  
50; 702/41; 180/6.7; 172/701.1, 4.5, 7,  
2, 817, 826, 821

FIG. 3 is a rear view thereof;

FIG. 4 is a right view thereof, a left view being symmetrical to the right view;

FIG. 5 is a plan view thereof;

FIG. 6 is a bottom view thereof; and,

FIG. 7 is an enlarged sectional view taken along line 7—7 of FIG. 2.

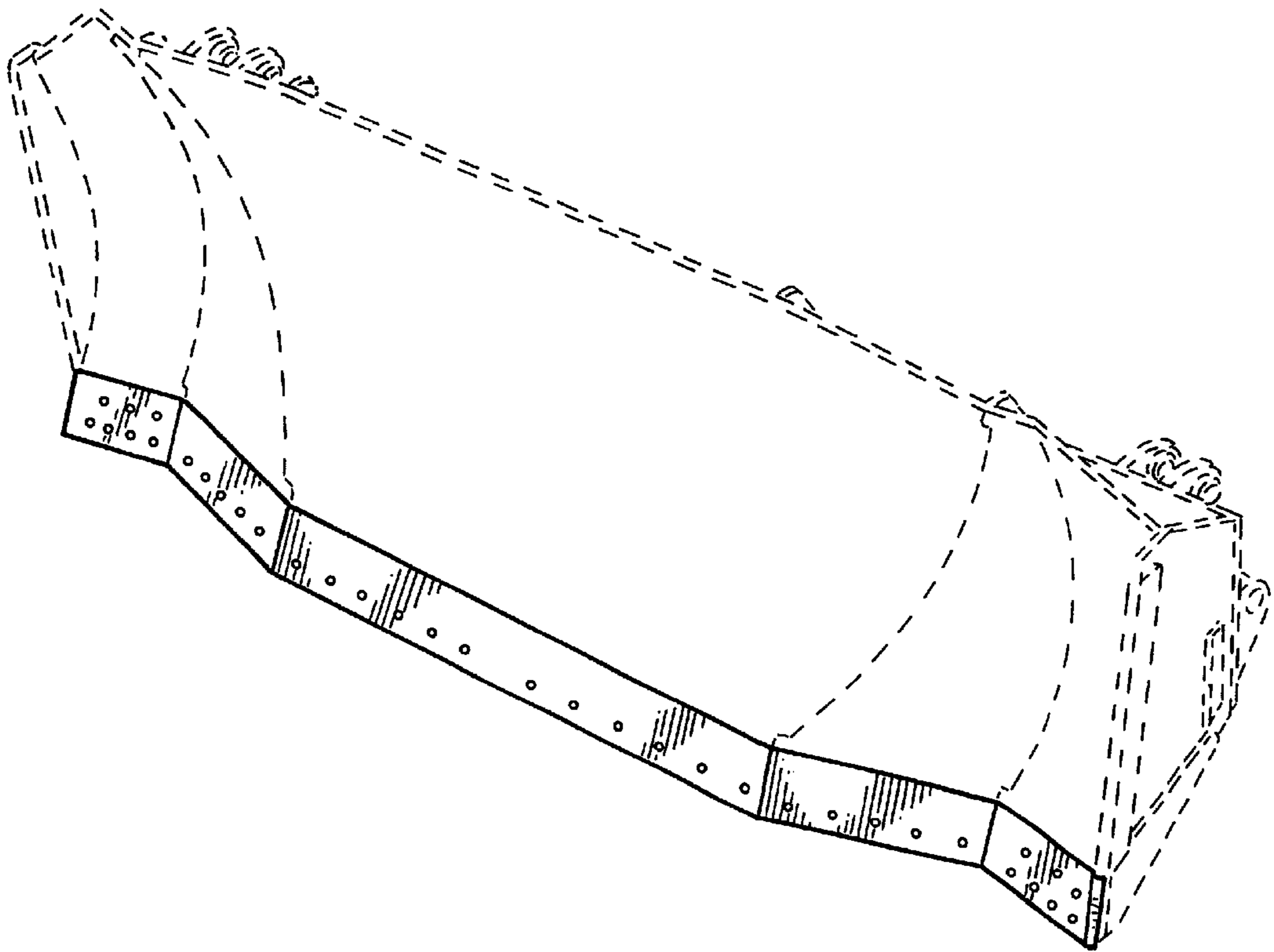
The broken line showing of is for illustrative purposes only and forms no part of the claimed design.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,215,496 A \* 8/1980 Wehr ..... 37/407  
4,803,790 A \* 2/1989 Ciula ..... 37/266  
5,408,765 A \* 4/1995 Lozensky ..... 37/231

**1 Claim, 3 Drawing Sheets**



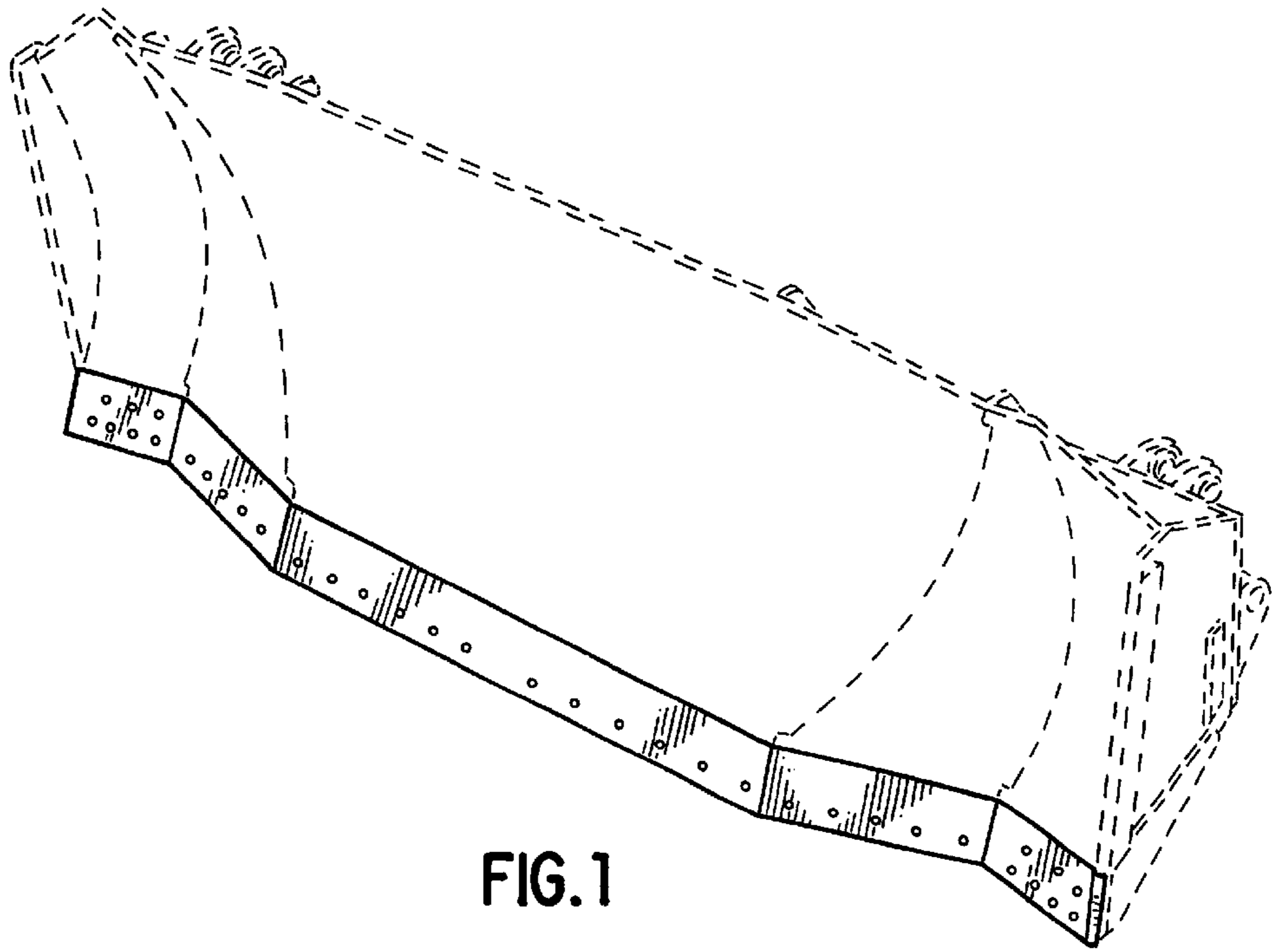
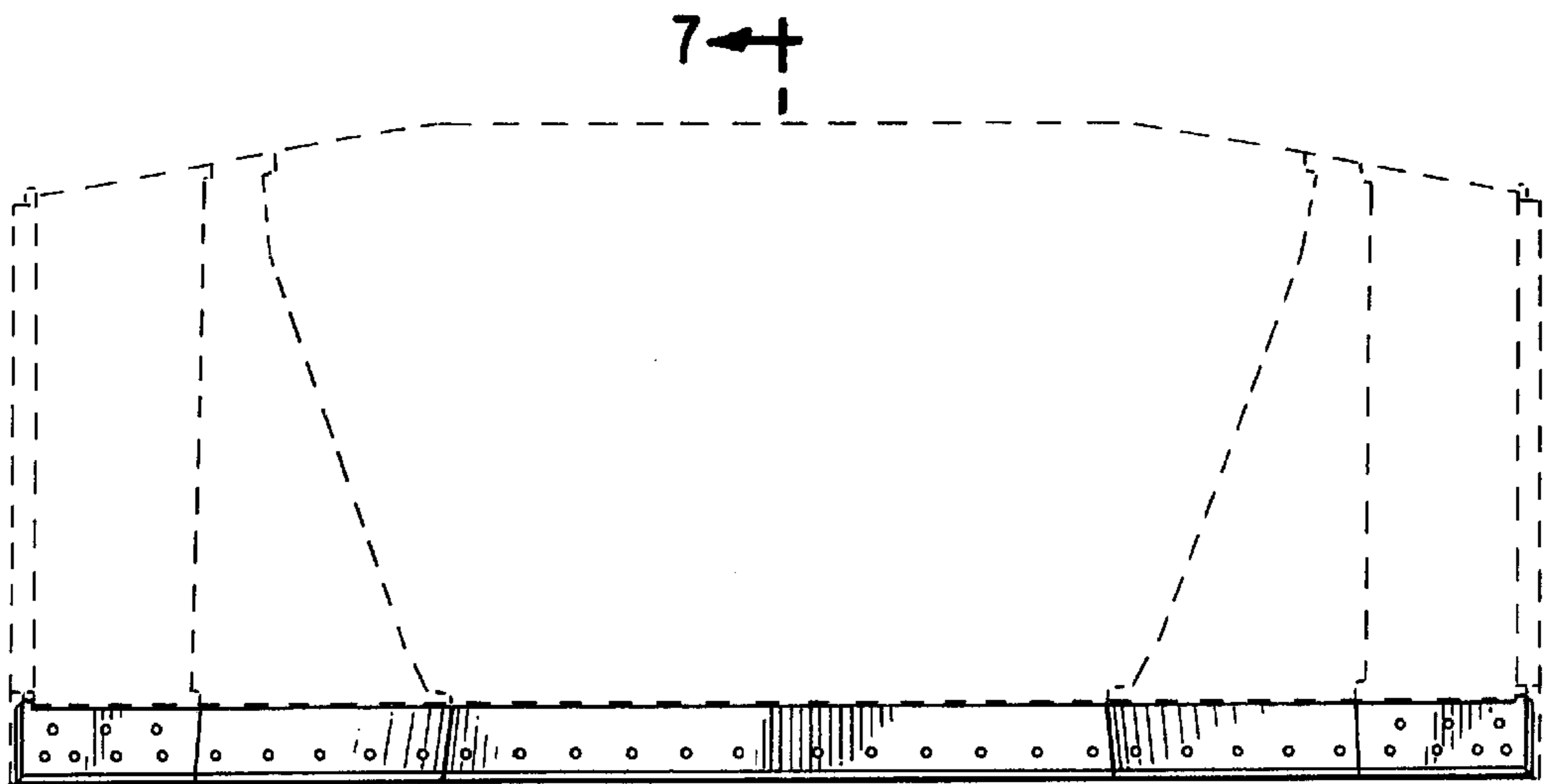


FIG. 1



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FIG. 2

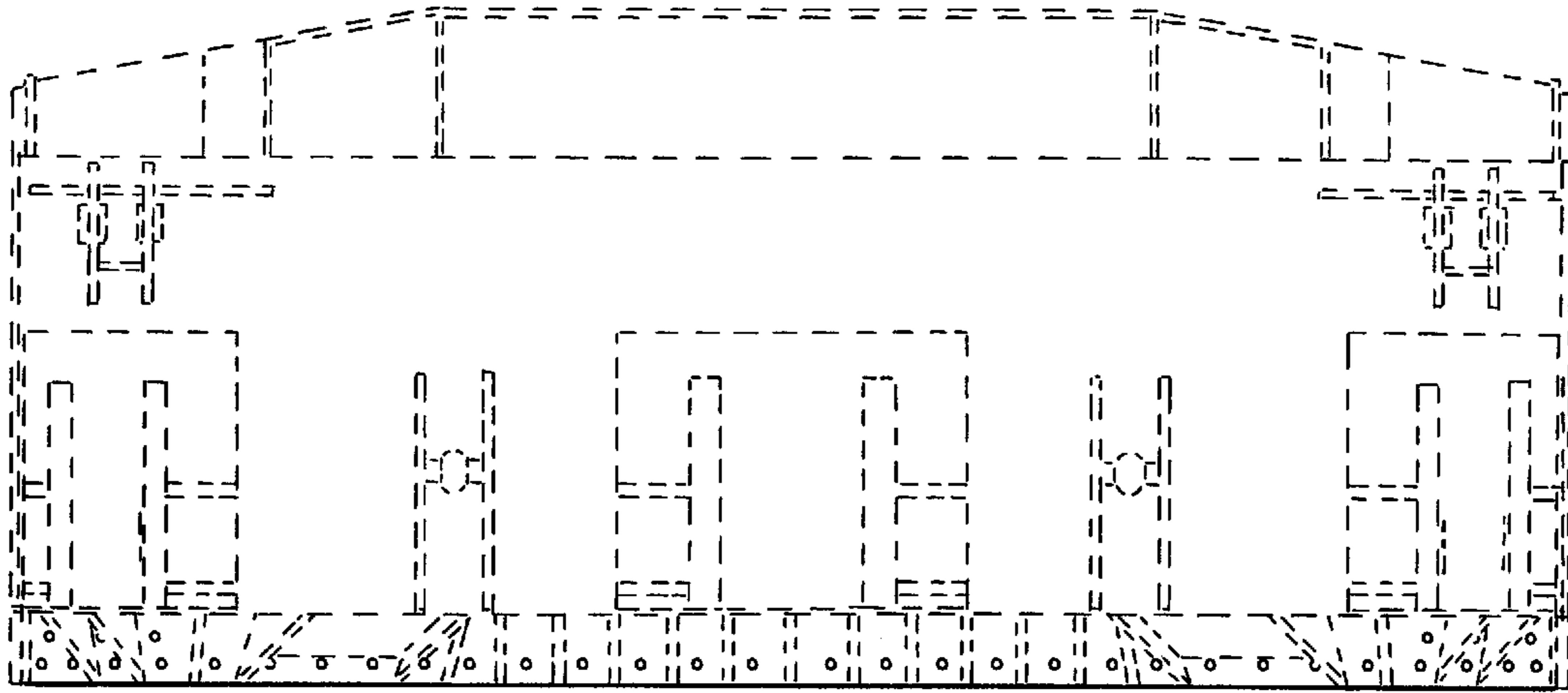


FIG. 3

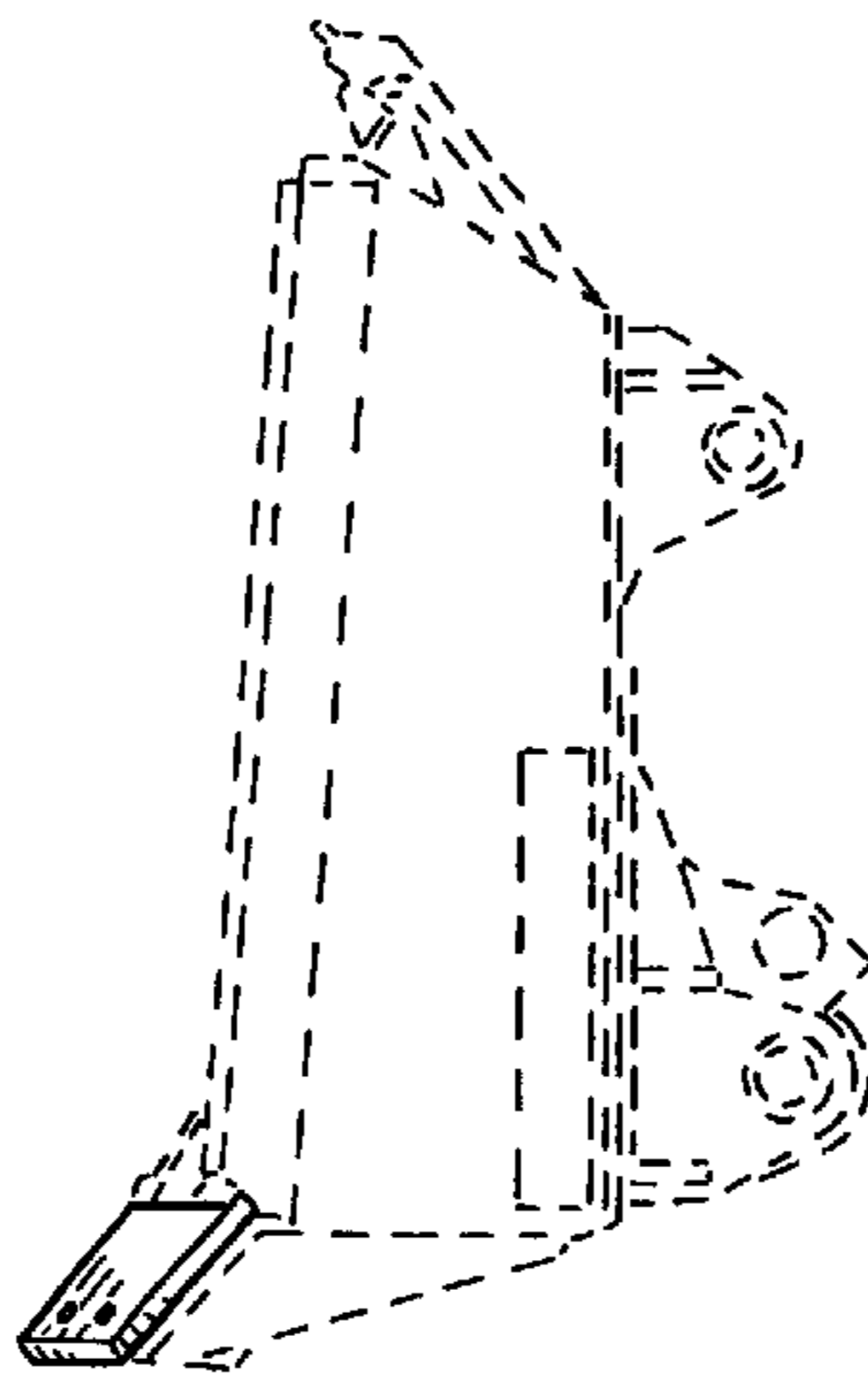


FIG. 4

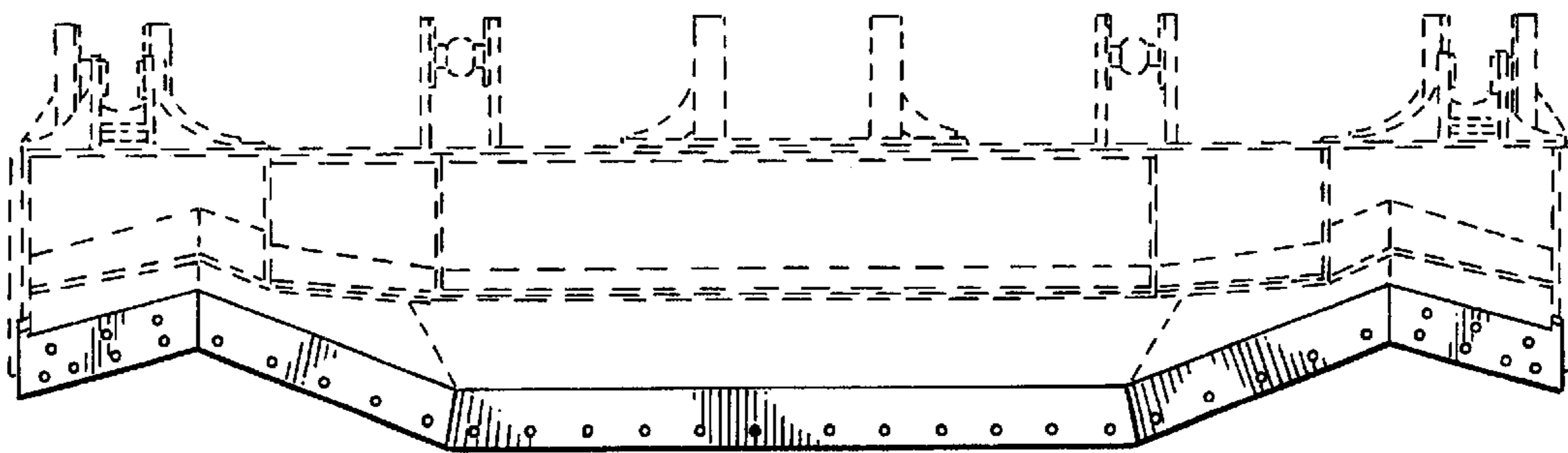


FIG. 5

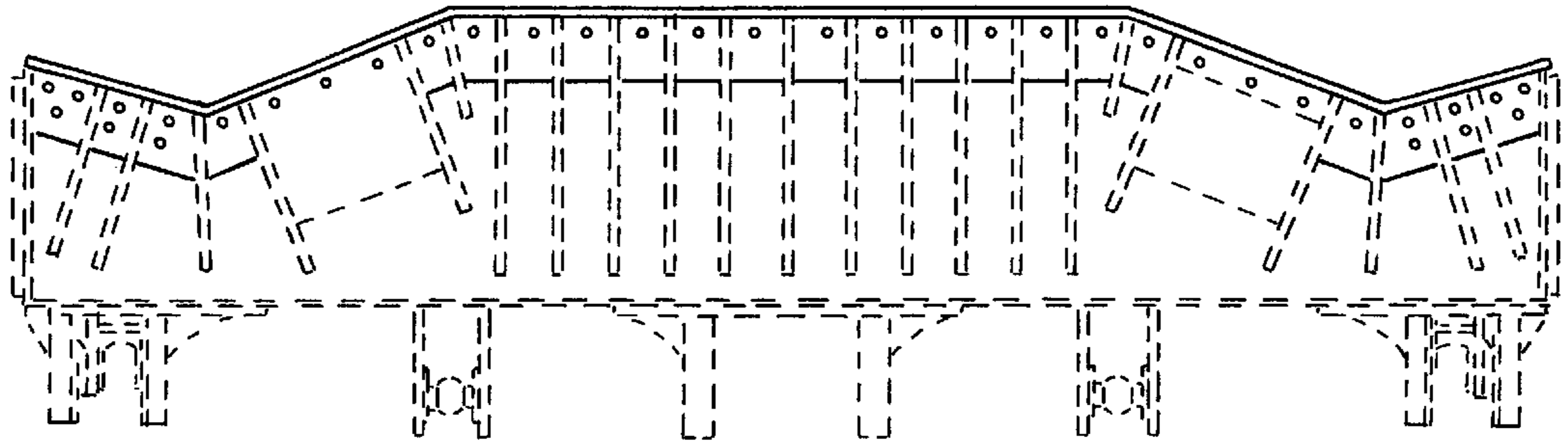


FIG. 6

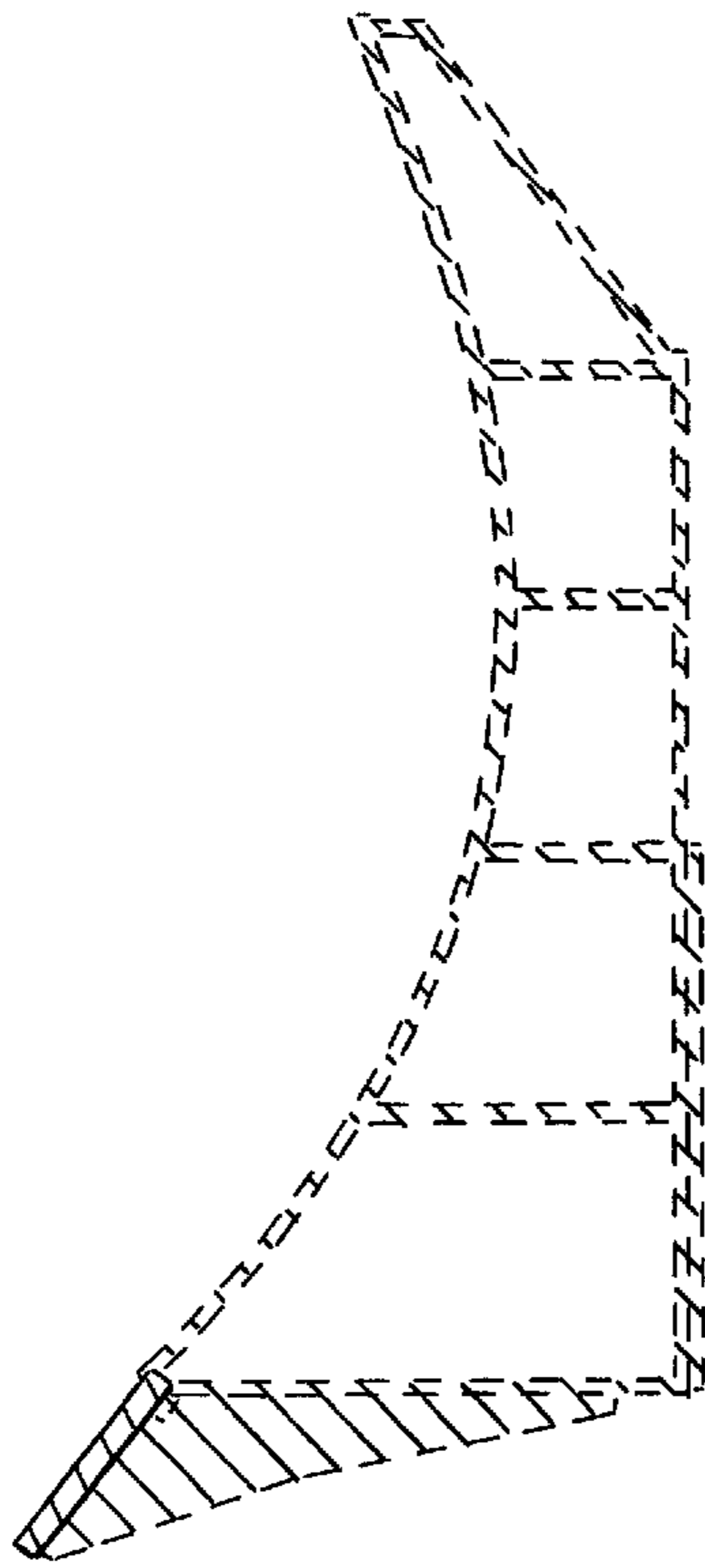


FIG. 7