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

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(54) **UNIVERSAL INTAKE MANIFOLD TUB FOR GENERAL MOTORS LS-1/GEN 3 VORTEC ENGINES**

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

(21) **Appl. No.:** **29/153,505**

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(51) **LOC (7) Cl.** **15-01**

(52) **U.S. Cl.** **D15/5**

(58) **Field of Search** D15/5; 123/52 M, 123/41.73, 41.7, 184.34, 184.36

(56) **References Cited**

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Primary Examiner—Melody N. Brown

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(57) **CLAIM**

The ornamental design for a universal intake manifold tub for general motors LS-1/GEN 3 vortec engines, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a universal intake manifold tub for General Motors LS-1/GEN 3 vortec engines showing my new design;

FIG. 2 is a top plan view thereof;

FIG. 3 is a front elevation view thereof;

FIG. 4 is a bottom plan view thereof;

FIG. 5 is a left side elevation view thereof;

FIG. 6 is a right side elevation view thereof;

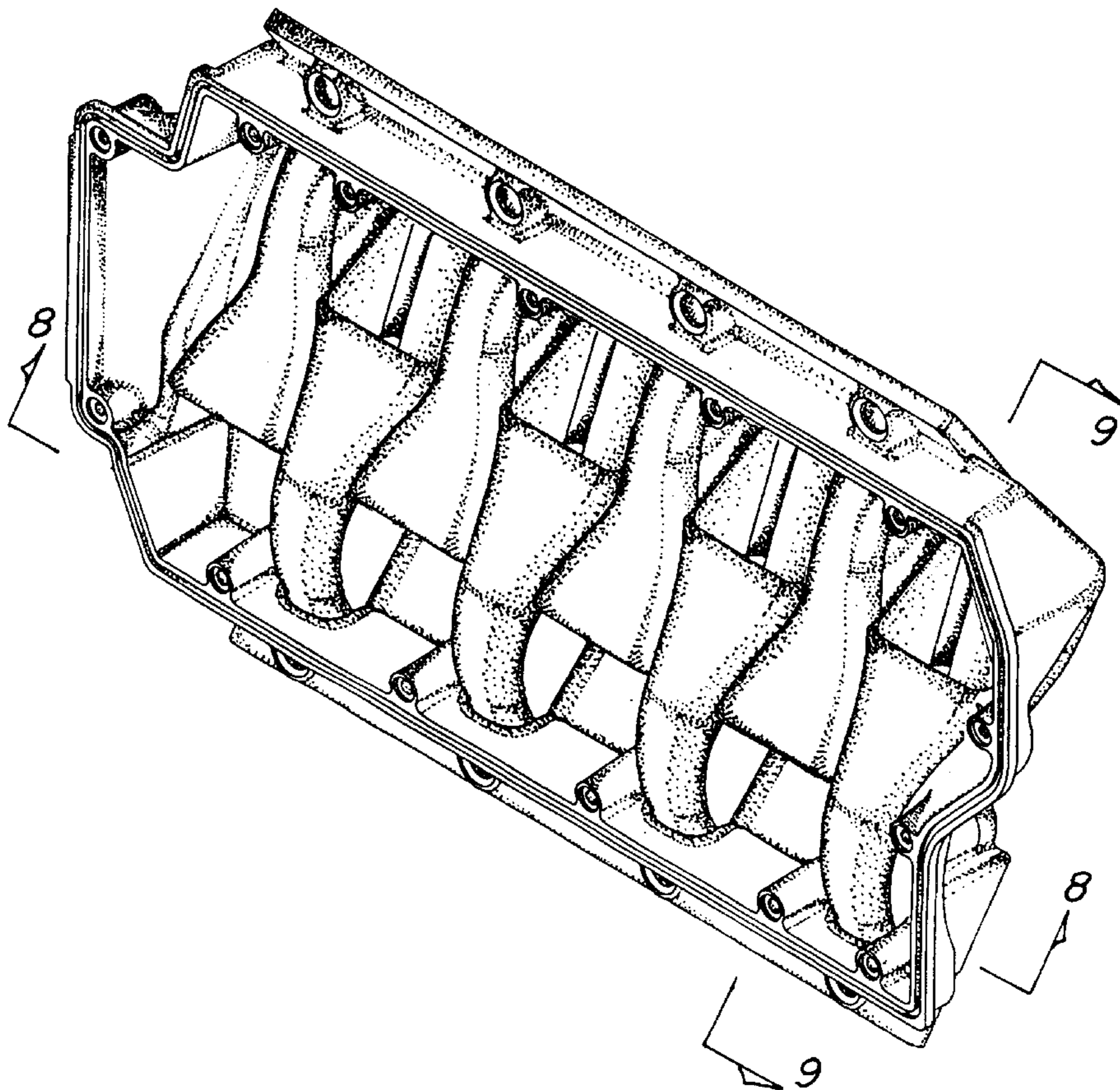
FIG. 7 is a rear elevation view thereof;

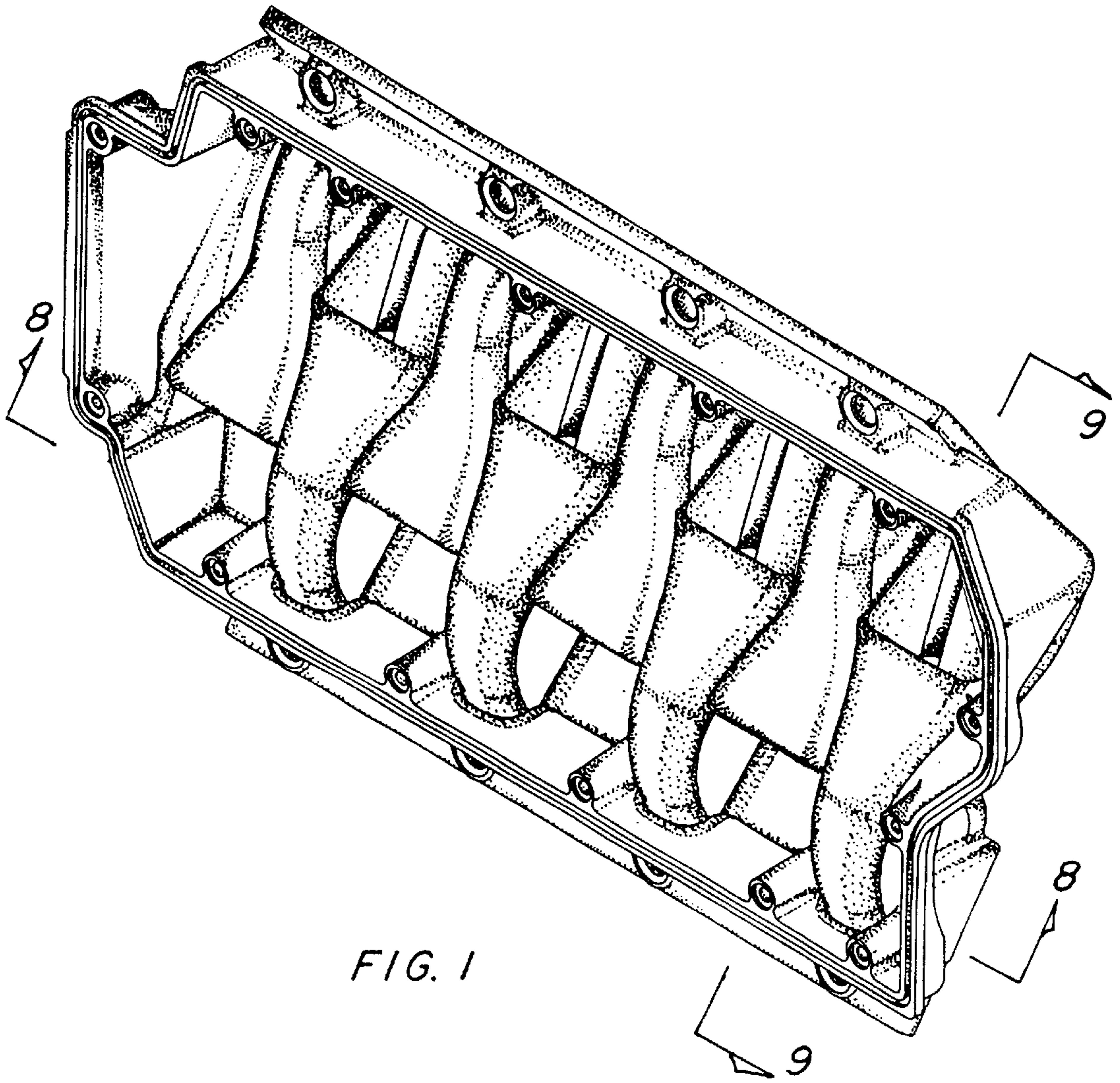
FIG. 8 is a cross sectional view taken along lines 8—8 of FIG. 1; and,

FIG. 9 is a cross sectional view taken along lines 9—9 of FIG. 1.

The characteristic feature of my design resides in the particular pattern of the interface presentation and ports which align and interchange with all General Motors LS-1 aluminum block engines and also all General Motors GEN 3 vortec cast iron block engines.

1 Claim, 4 Drawing Sheets





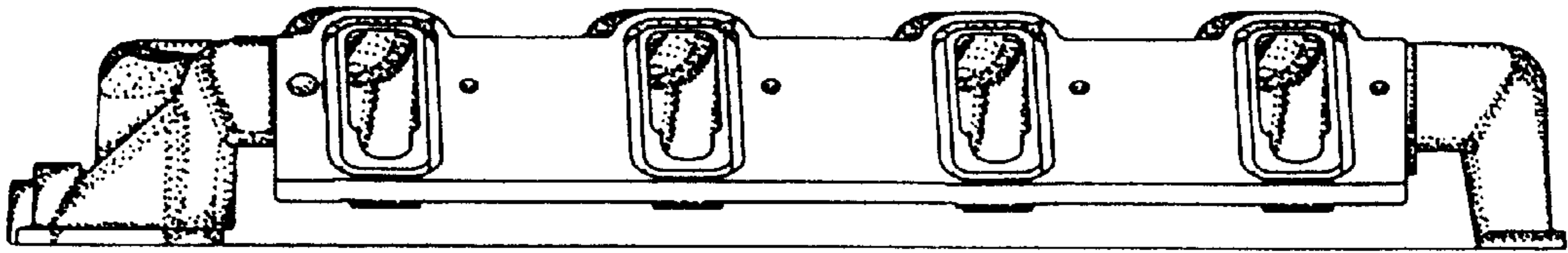


FIG. 2

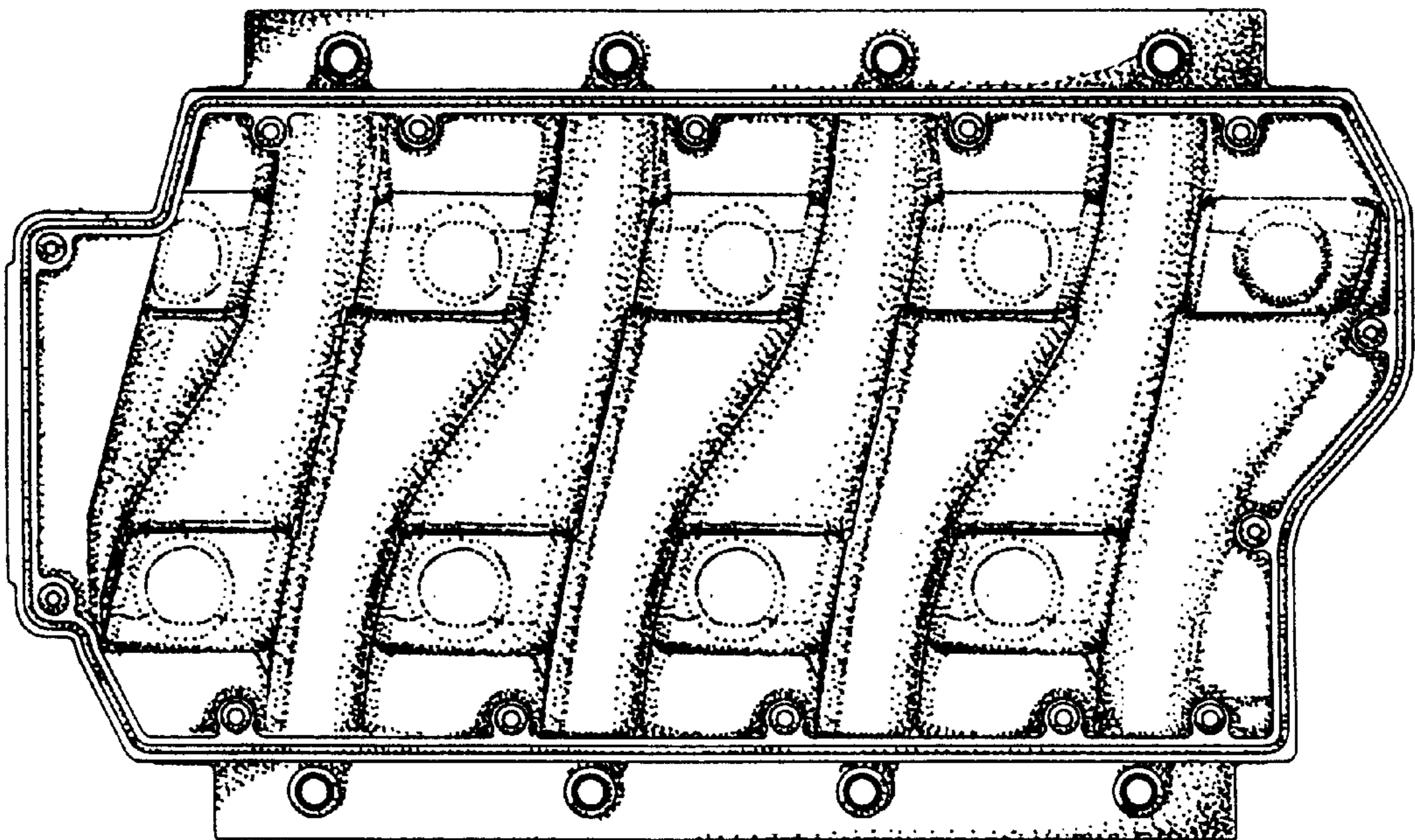


FIG. 3

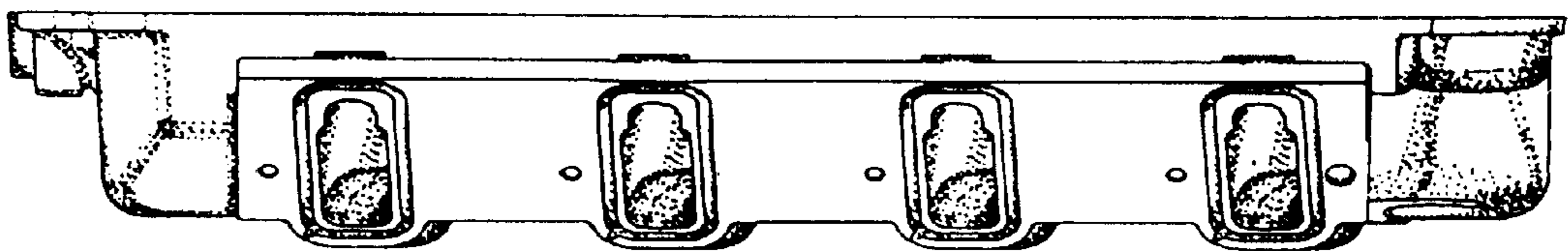


FIG. 4

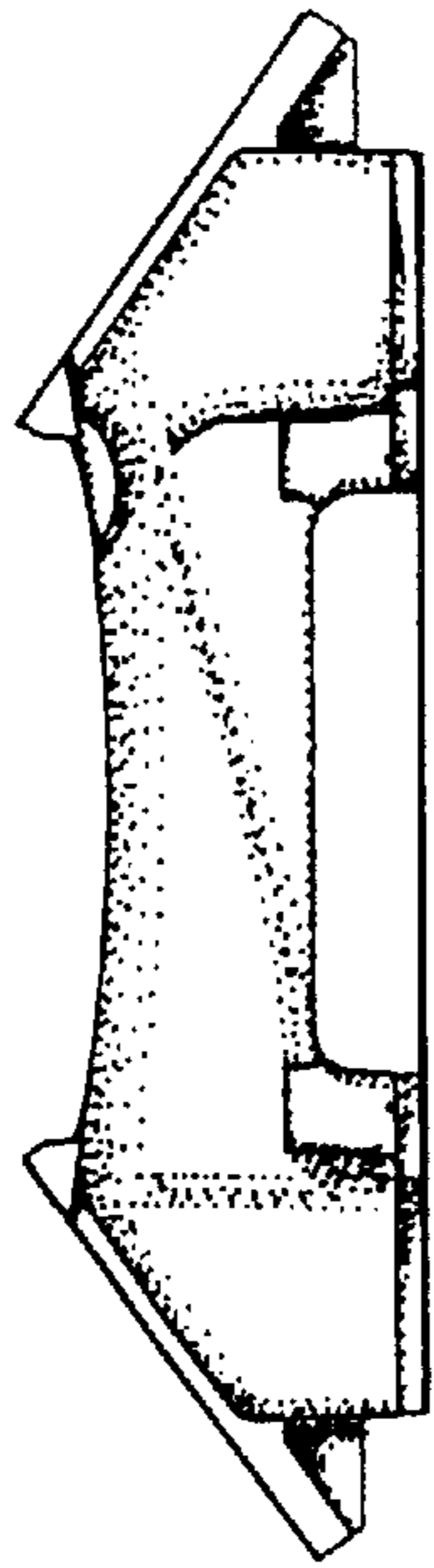


FIG. 5

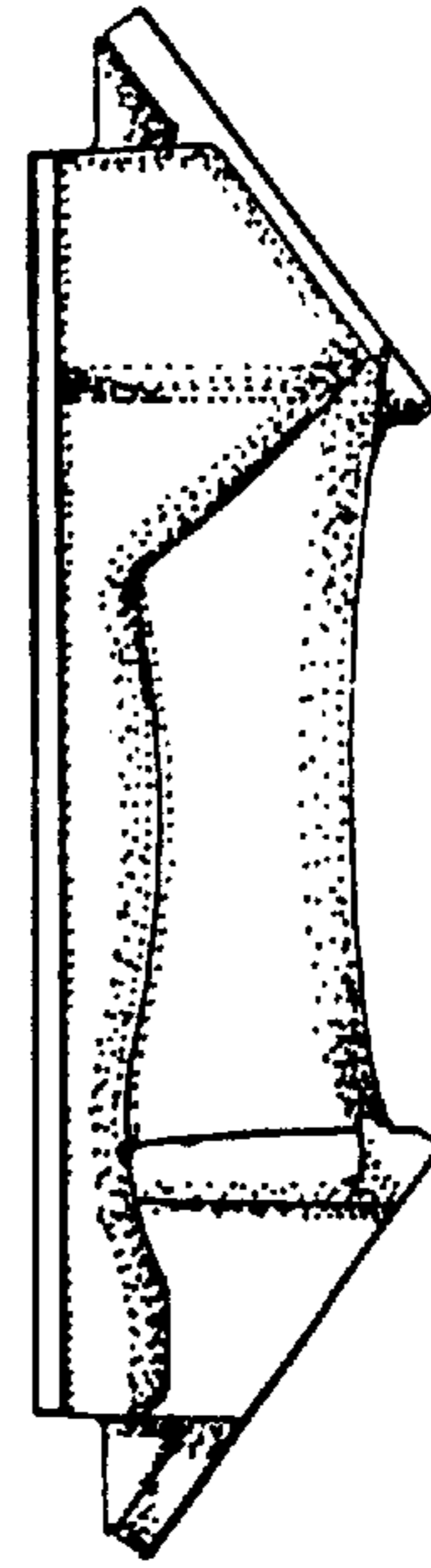


FIG. 6

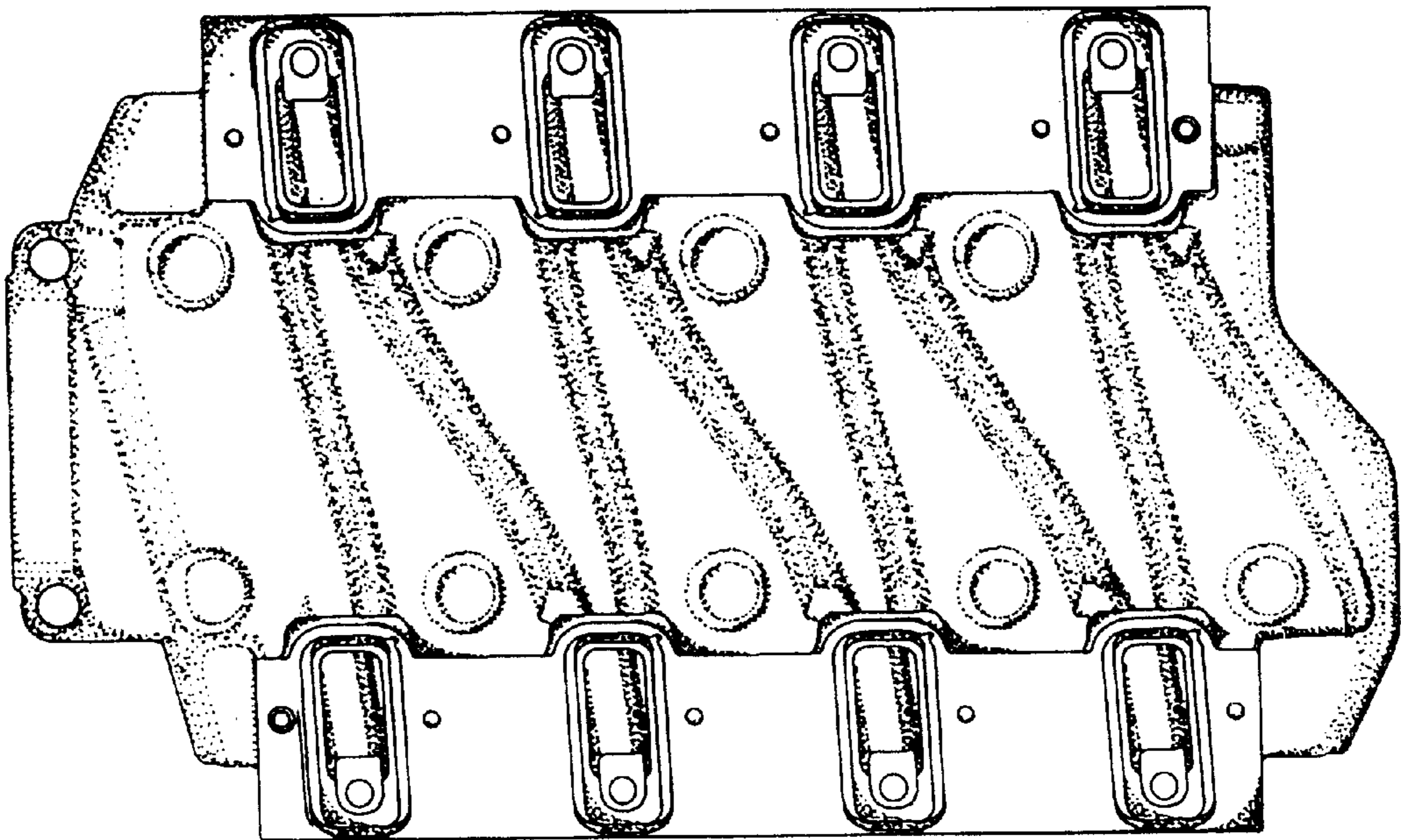


FIG. 7

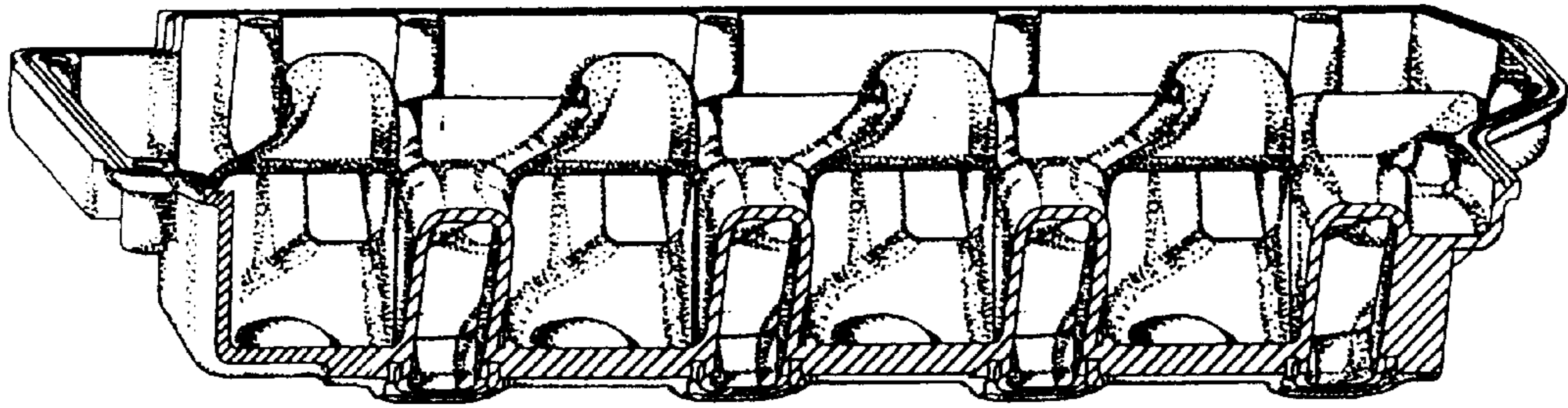


FIG. 8

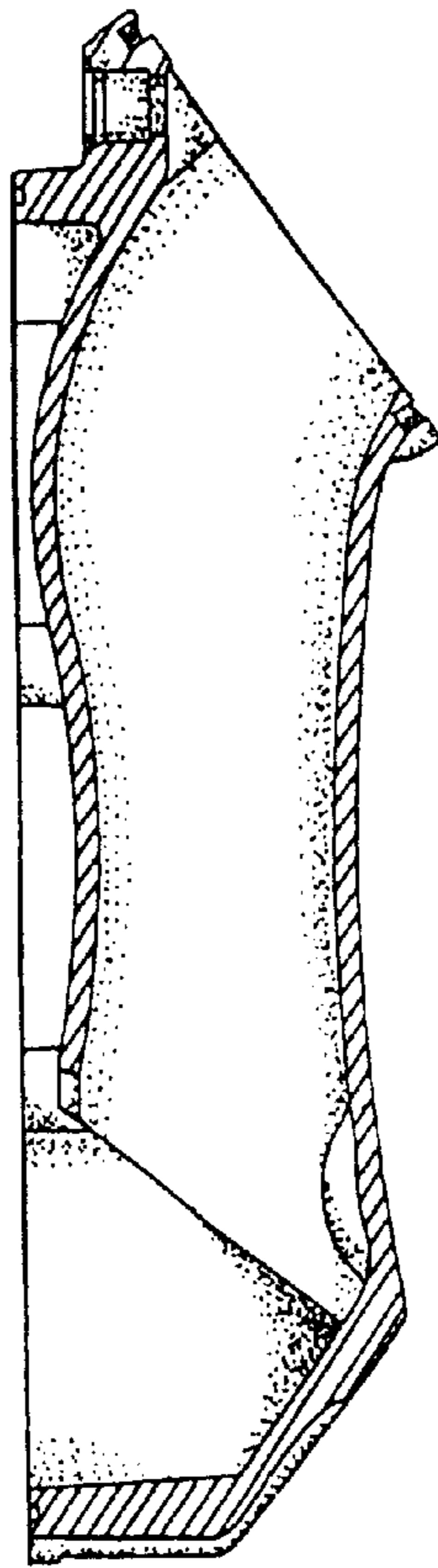


FIG. 9