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(12) **United States Design Patent** (10) **Patent No.:** **US D929,056 S**  
**Hoofnagle et al.** (45) **Date of Patent:** **\*\* Aug. 24, 2021**

(54) **HOUSING FOR DUAL END OPTICAL CLEANING DEVICE**

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(Continued)

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

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(21) Appl. No.: **29/765,741**

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(57) **CLAIM**

The ornamental design for a housing for a dual end optical cleaning device, as shown and described.

**Related U.S. Application Data**

(62) Division of application No. 29/677,367, filed on Jan. 18, 2019, now Pat. No. Des. 910,256.

**DESCRIPTION**

(51) **LOC (13) Cl.** ..... **15-05**

(52) **U.S. Cl.**  
USPC ..... **D32/35**

(58) **Field of Classification Search**  
USPC ..... D32/35, 40-43, 45-49; D7/678; D8/90  
CPC ... B62D 25/08; B60S 1/04; A47L 1/06; A47L 1/02

See application file for complete search history.

FIG. 1 is a top, front, left perspective view of a housing for a dual end optical cleaning device showing our new design. FIG. 2 is a bottom, rear right perspective view thereof. FIG. 3 is a front elevation view thereof. FIG. 4 is a top plan view thereof. FIG. 5 is a right side view thereof. FIG. 6 is a left side view thereof. FIG. 7 is a rear elevation view thereof. FIG. 8 is a bottom plan view thereof; and, FIG. 9 is a top, front left perspective view of the housing showing first and second optical cleaning tools installed therein in broken lines.

The broken lines in the figures illustrate portions of first and second optical cleaning tools that form no part of the claimed design. The stippling and contour lines in the figures constitutes surface shading that merely clarifies contours of the surface and does not indicate surface texture, material, contrast in material, or color.

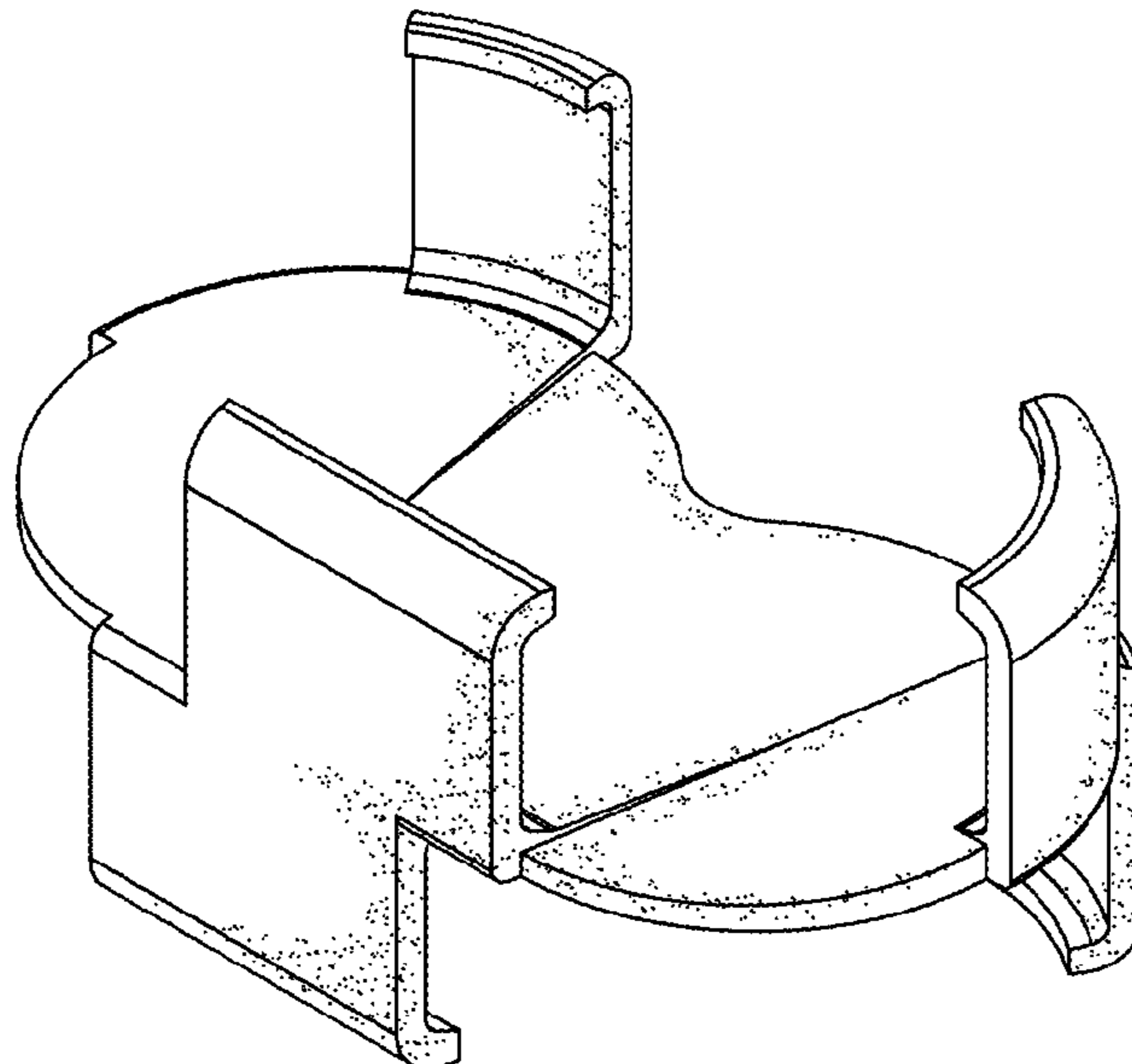
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**1 Claim, 5 Drawing Sheets**



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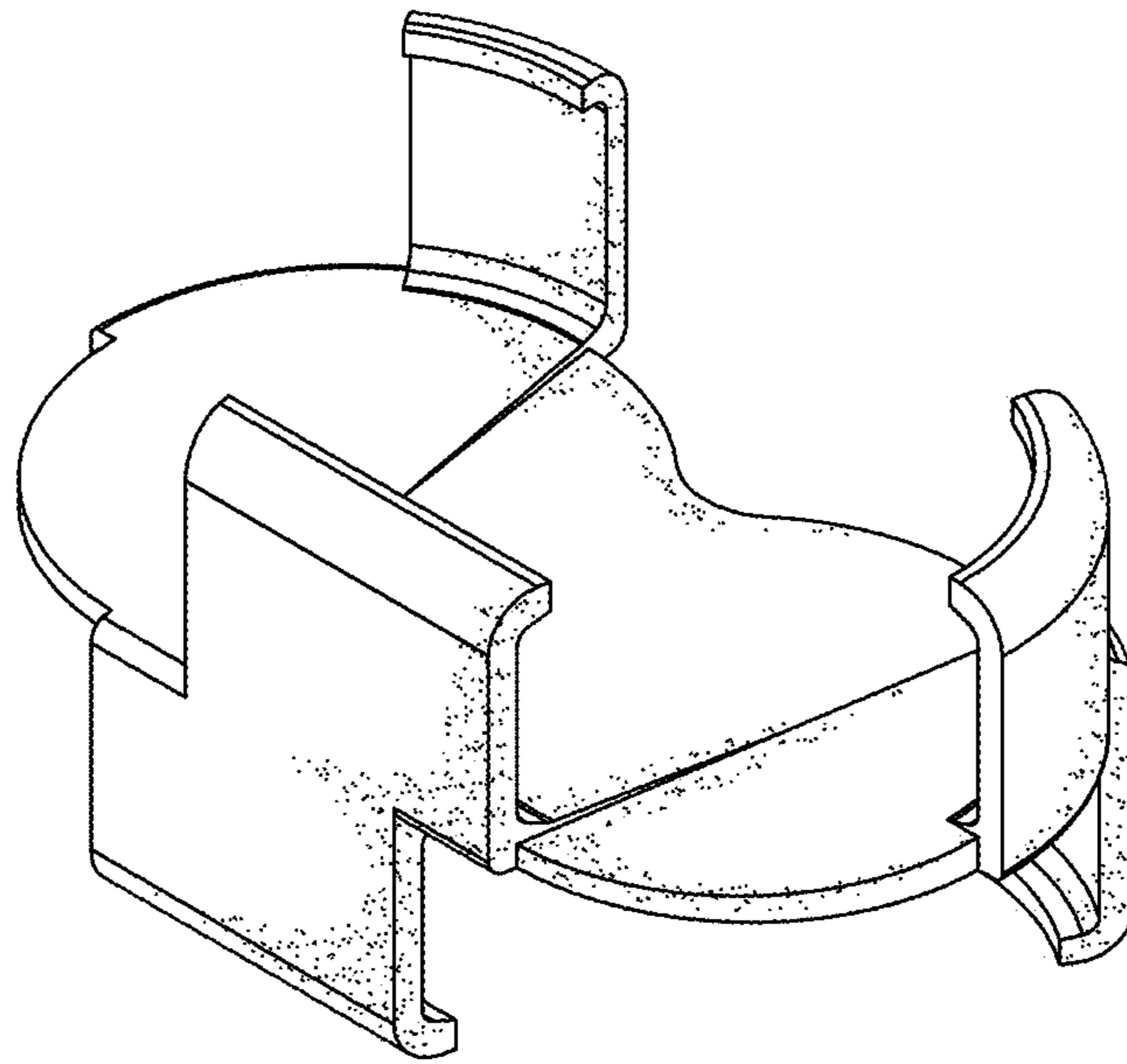


FIG. 1

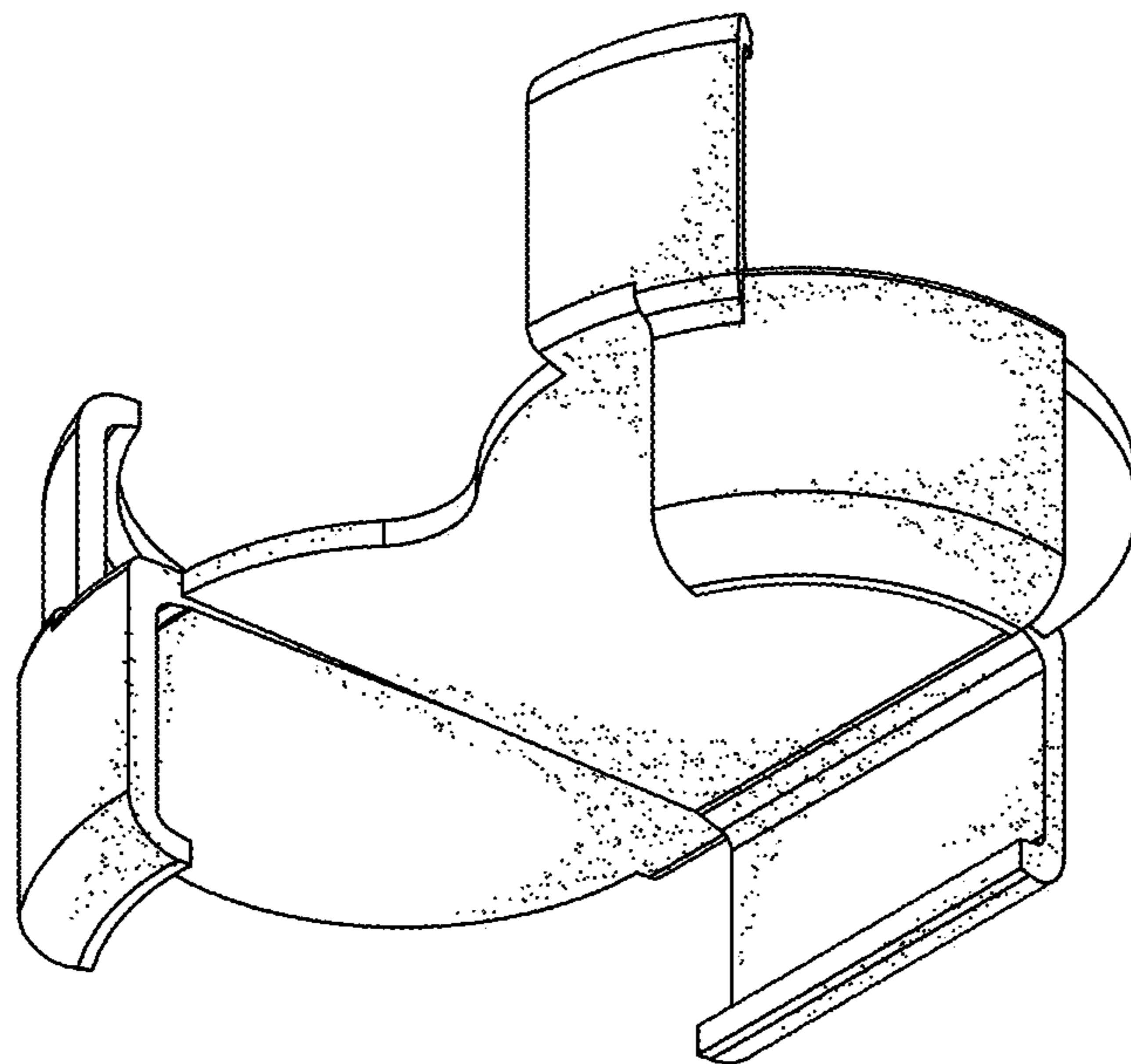


FIG. 2

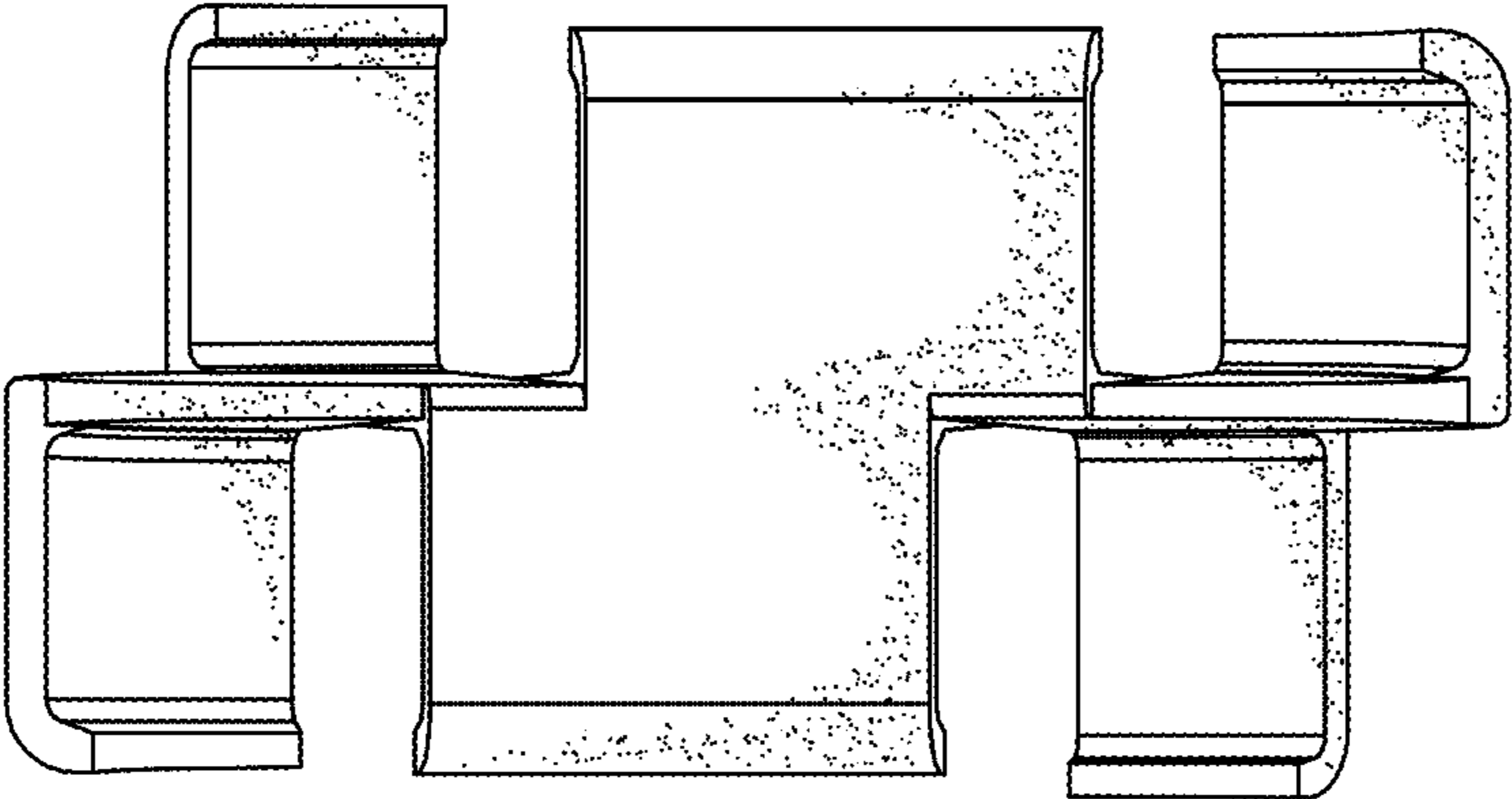


FIG. 3

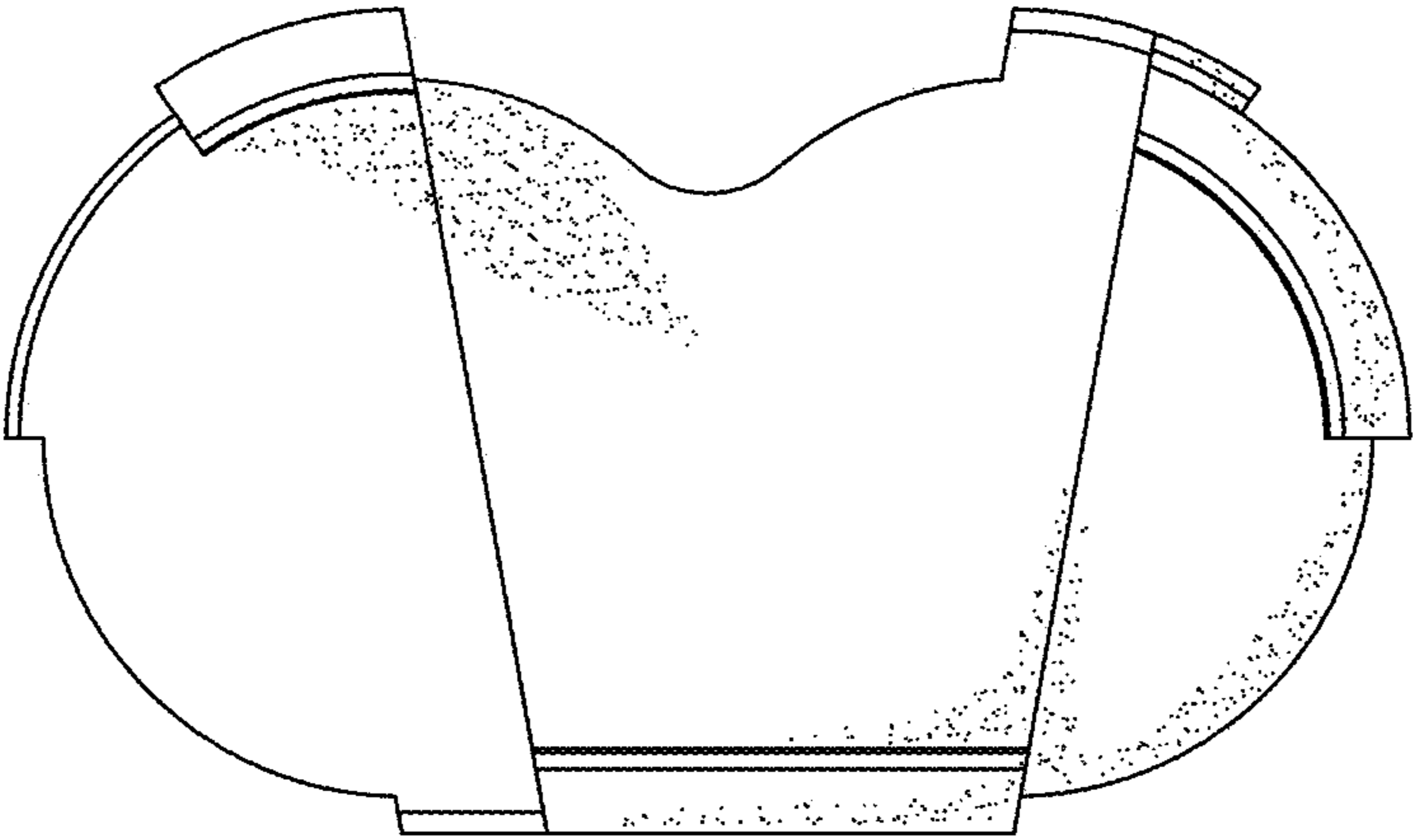


FIG. 4

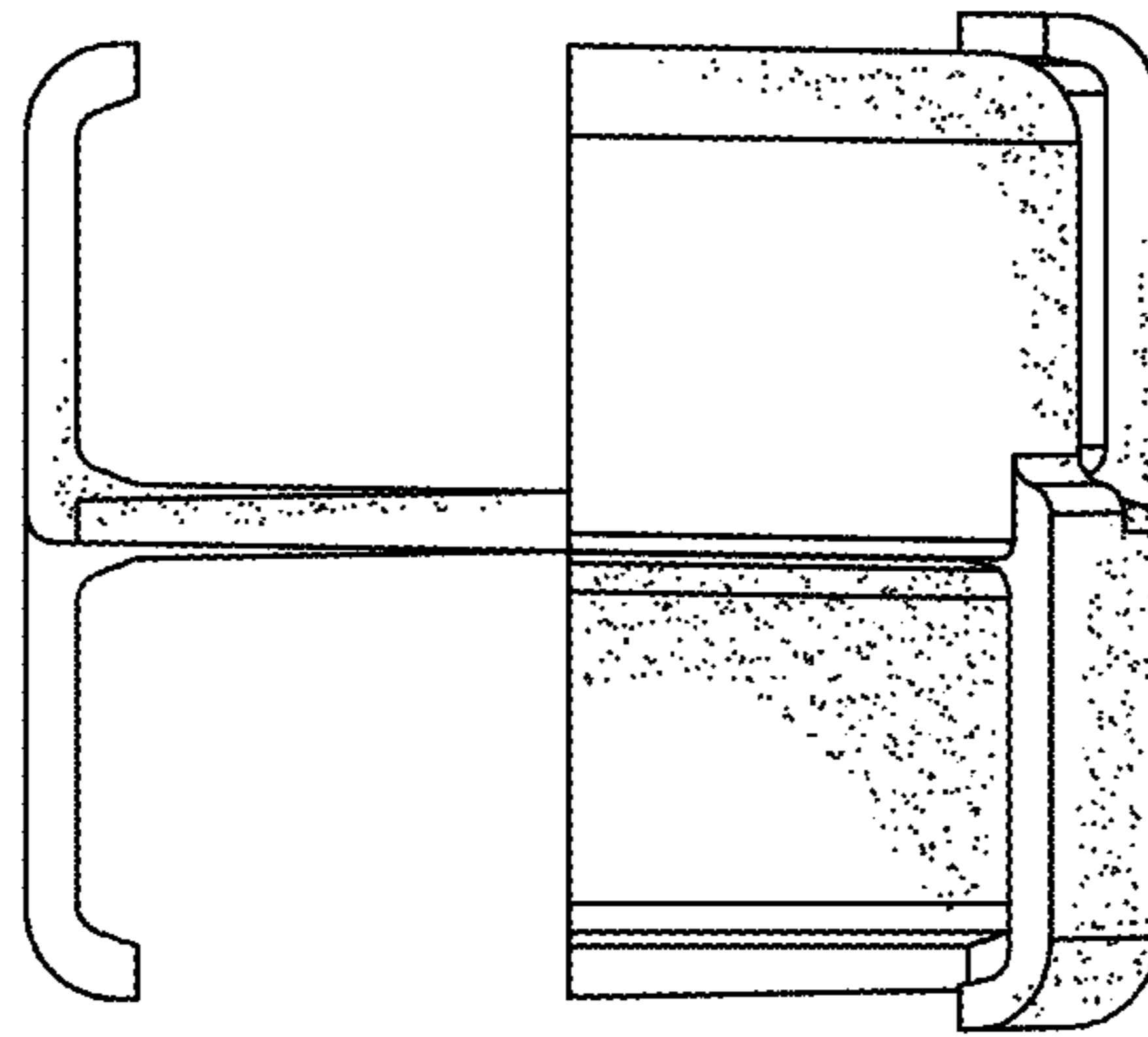


FIG. 5

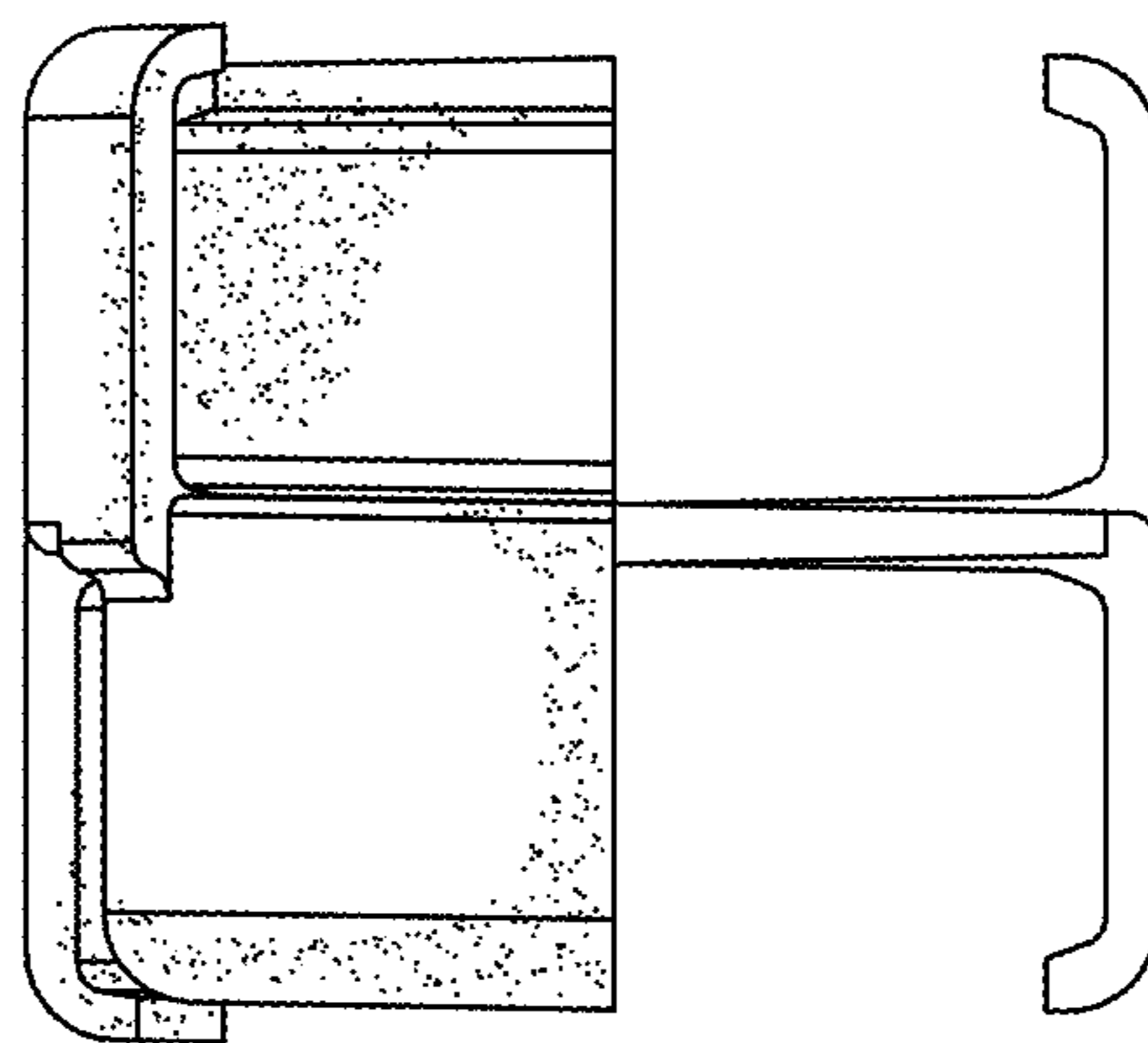


FIG. 6



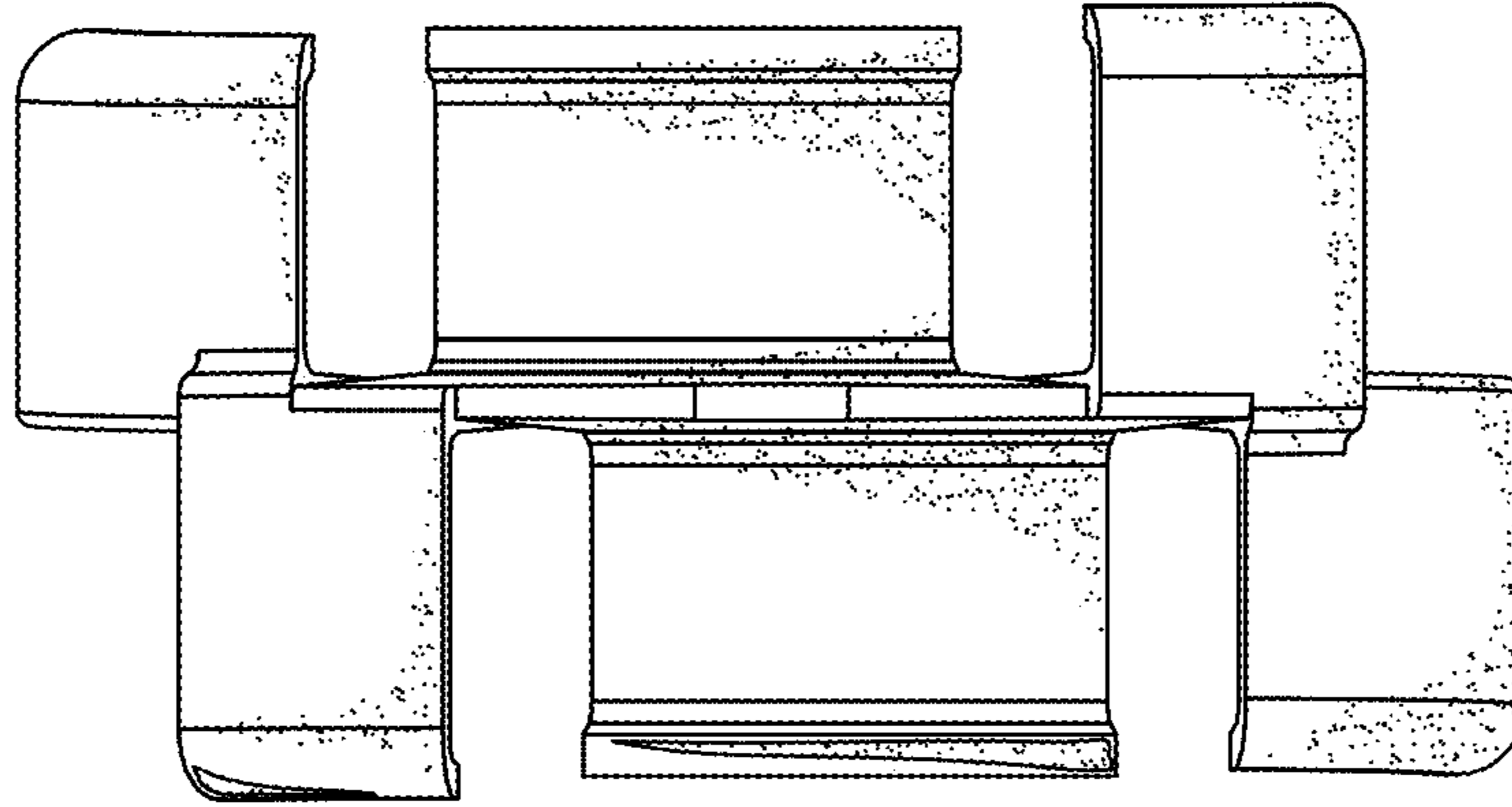


FIG. 7

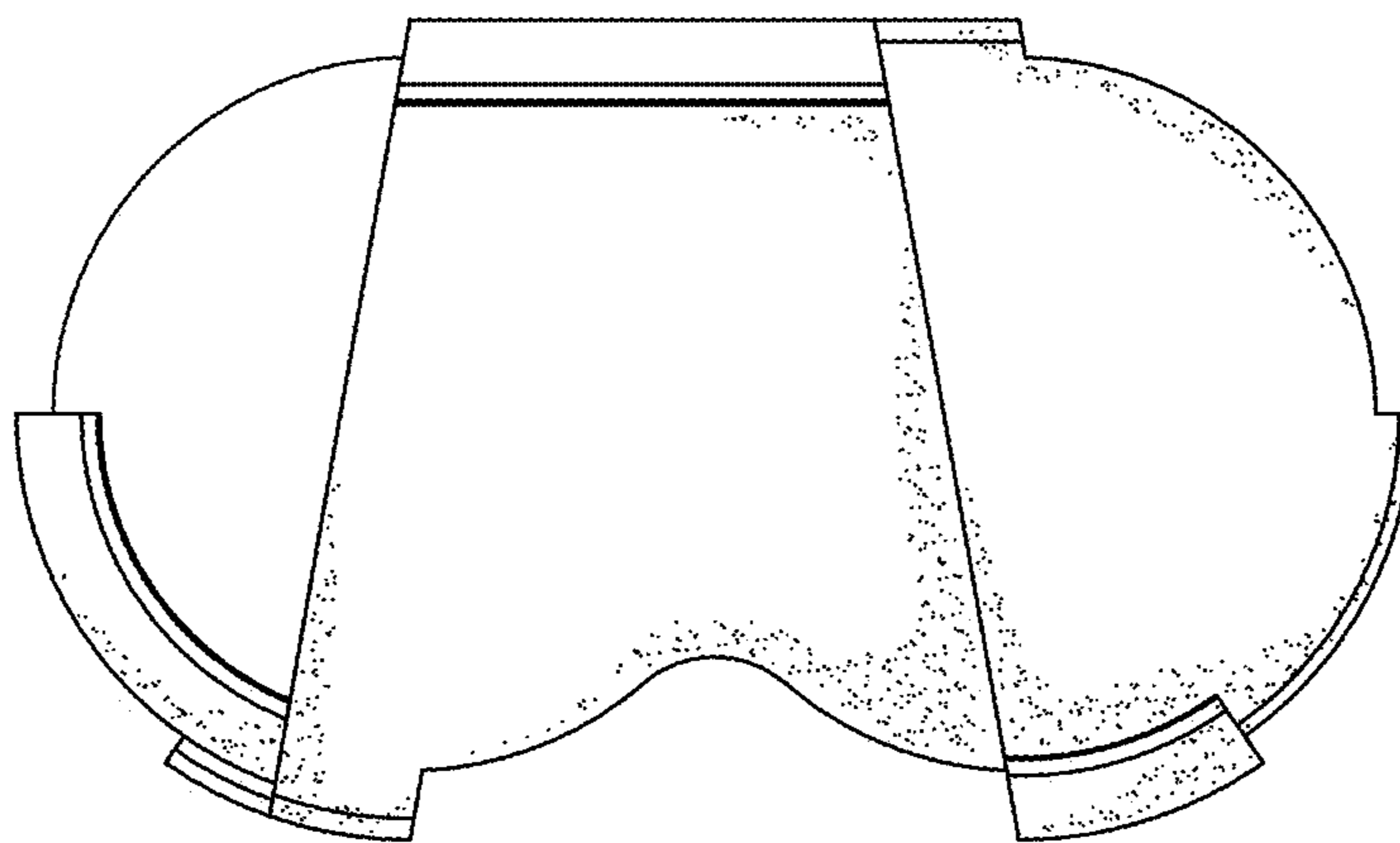


FIG. 8

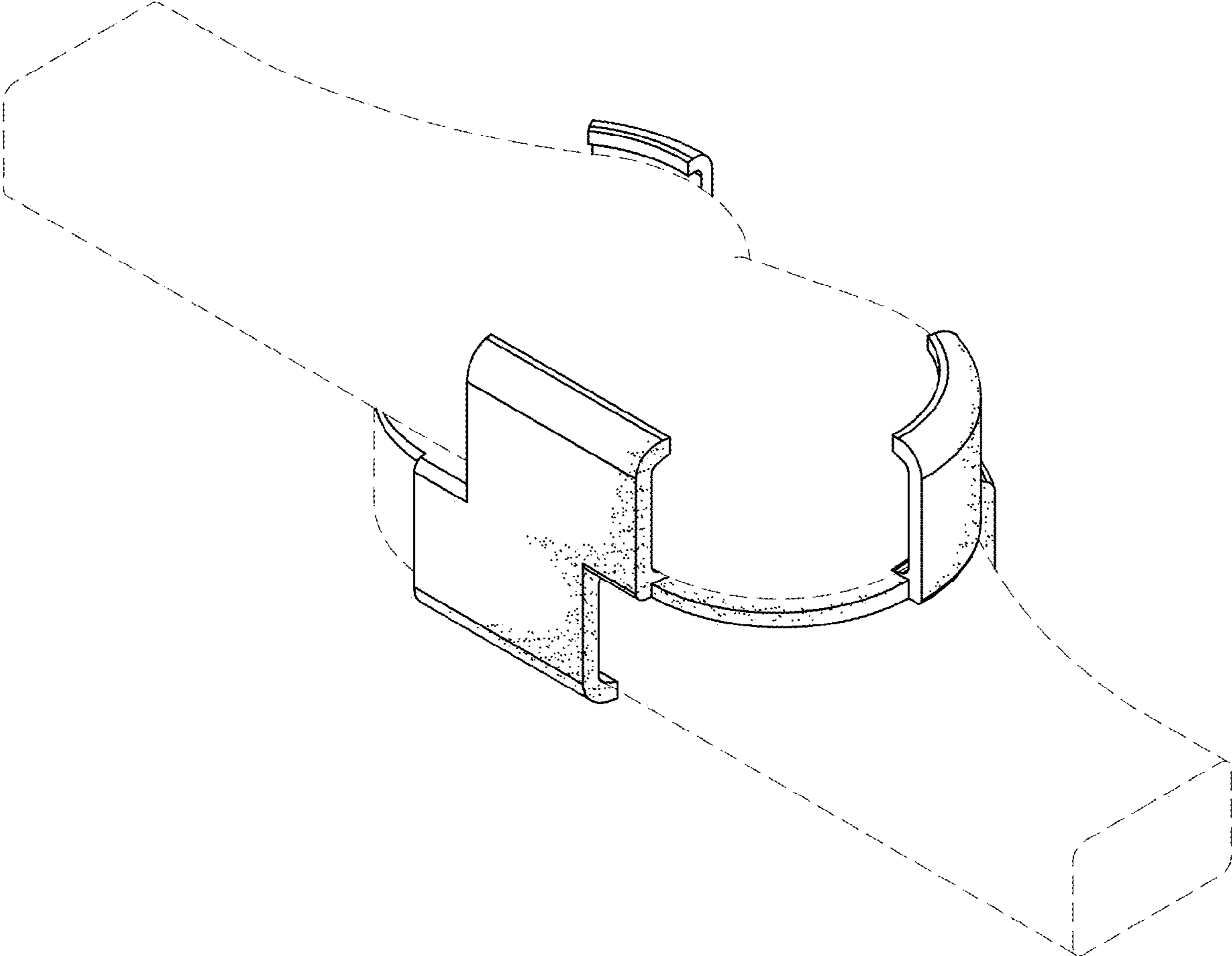


FIG. 9