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United States Patent [19]

Rogers et al.

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[45] Date of Patent: ** Oct. 19, 1999

[54] HYDROCYCLONE FEED ASSEMBLY COVER LINER

[75] Inventors: Brian Leslie Rogers, Woronora Heights; Michael Arthur West, Frenchs Forest, both of Australia

[73] Assignee: Warman International Limited, Australia

[**] Term: 14 Years

[21] Appl. No.: 29/091,738

[22] Filed: Aug. 5, 1998

[51] LOC (6) Cl. 15-09

[52] U.S. Cl. D15/147

[58] Field of Search D15/147; 209/11, 209/721, 728, 732, 734; 210/175, 512.2, 787

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Primary Examiner—Antoine Duval Davis

Attorney, Agent, or Firm—Cesari and McKenna, LLP

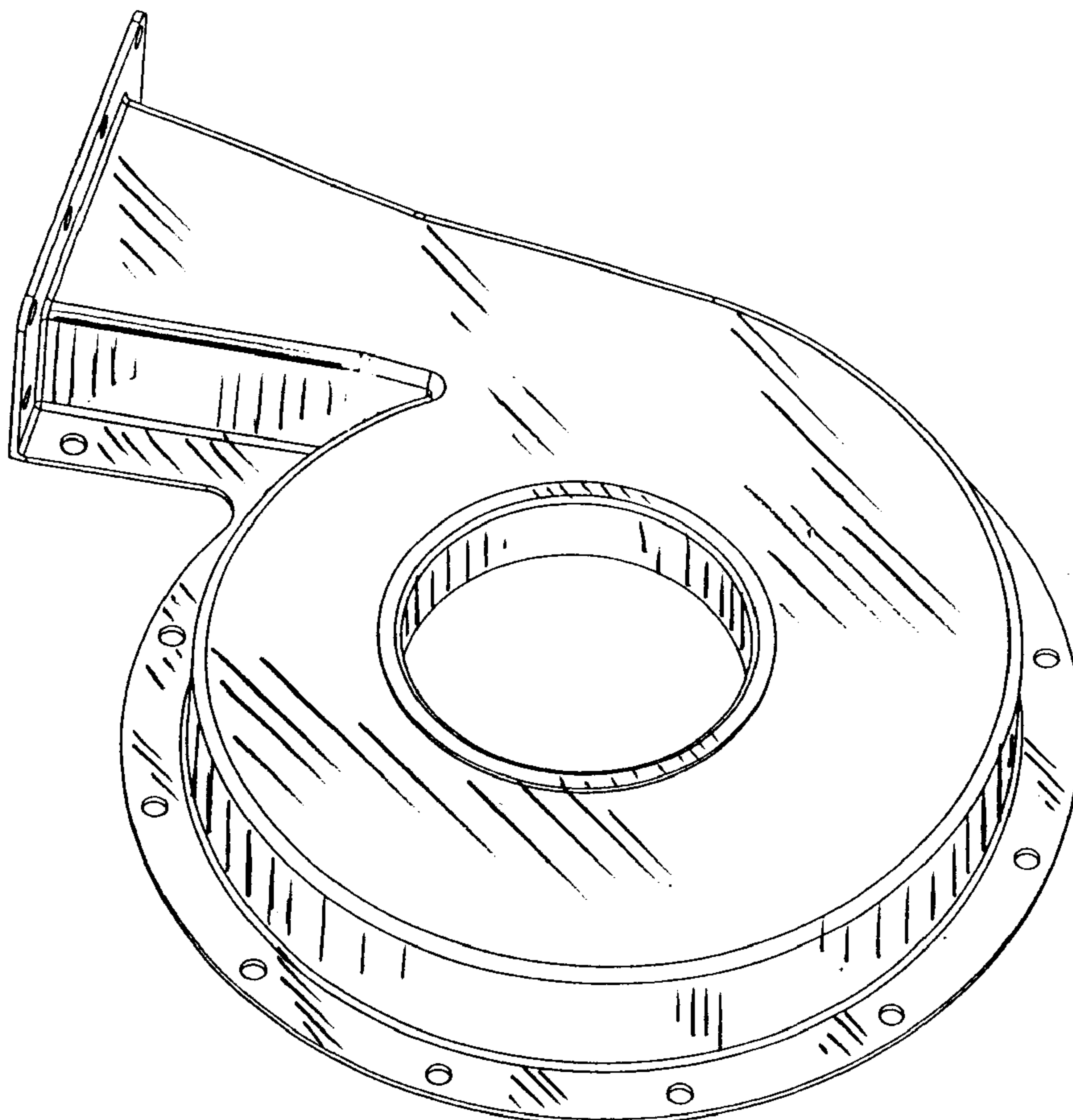
[57] CLAIM

The ornamental design for a hydrocyclone feed assembly cover liner, as shown.

DESCRIPTION

FIG. 1 is a perspective view from above of a hydrocyclone feed assembly cover liner showing the new design; FIG. 2 is a perspective view from below thereof; FIG. 3 is a top plan view thereof; FIG. 4 is a bottom plan view thereof; FIG. 5 is an elevational view of a first side thereof; FIG. 6 is an elevational view of a second side thereof; FIG. 7 is an elevational view of a third side thereof; FIG. 8 is an elevational view of a fourth side thereof; FIG. 9 is a view similar to FIG. 1 of a second embodiment of our hydrocyclone feed assembly cover liner design; FIG. 10 is a view similar to FIG. 2 thereof; FIG. 11 is a top plan view thereof; FIG. 12 is a bottom plan view thereof; FIG. 13 is an elevational view of a first side thereof; FIG. 14 is an elevational view of a second side thereof; FIG. 15 is an elevational view of a third side thereof; and, FIG. 16 is an elevational view of a fourth side thereof.

1 Claim, 6 Drawing Sheets



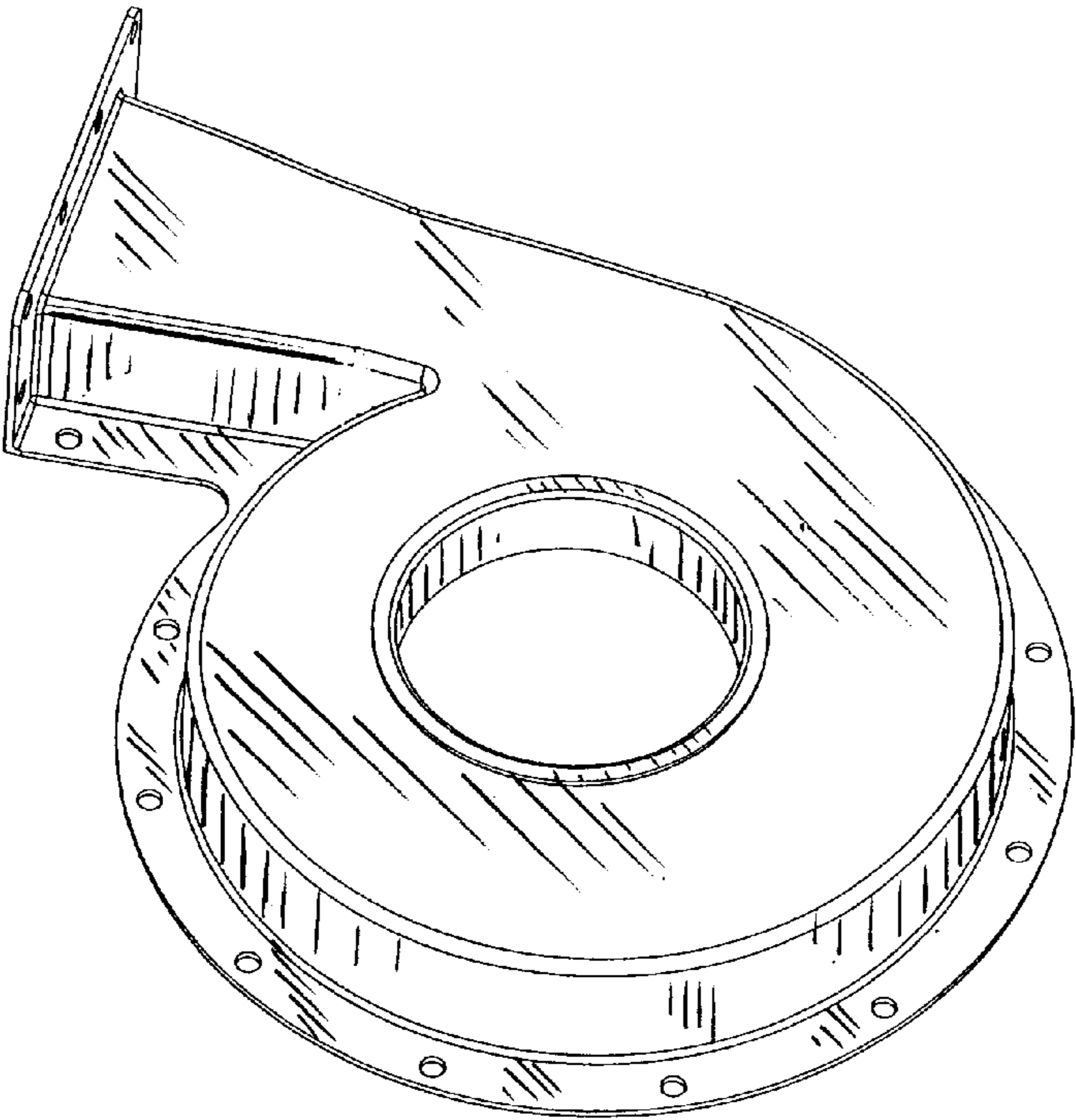


FIG. 1

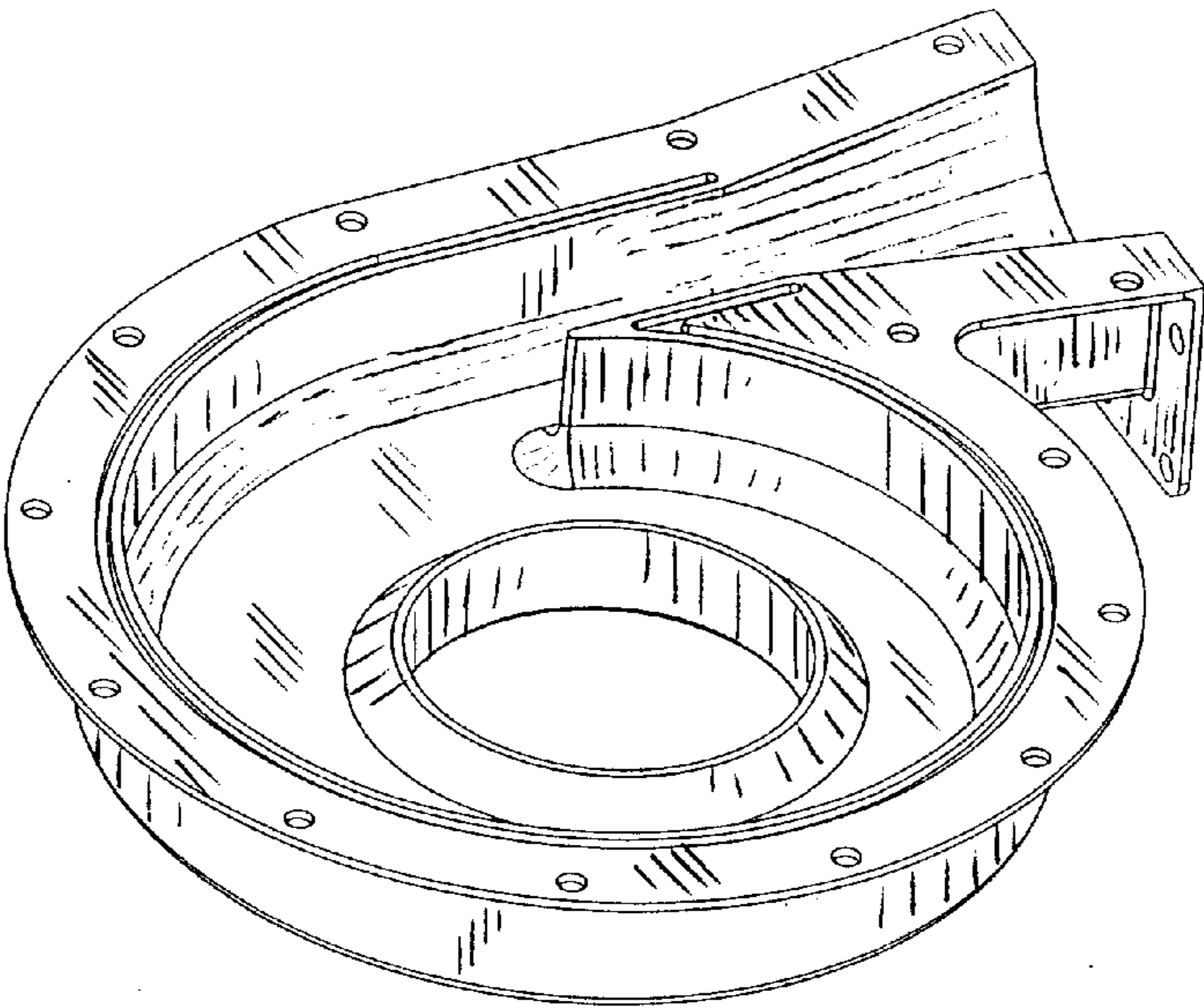


FIG. 2

FIG. 3

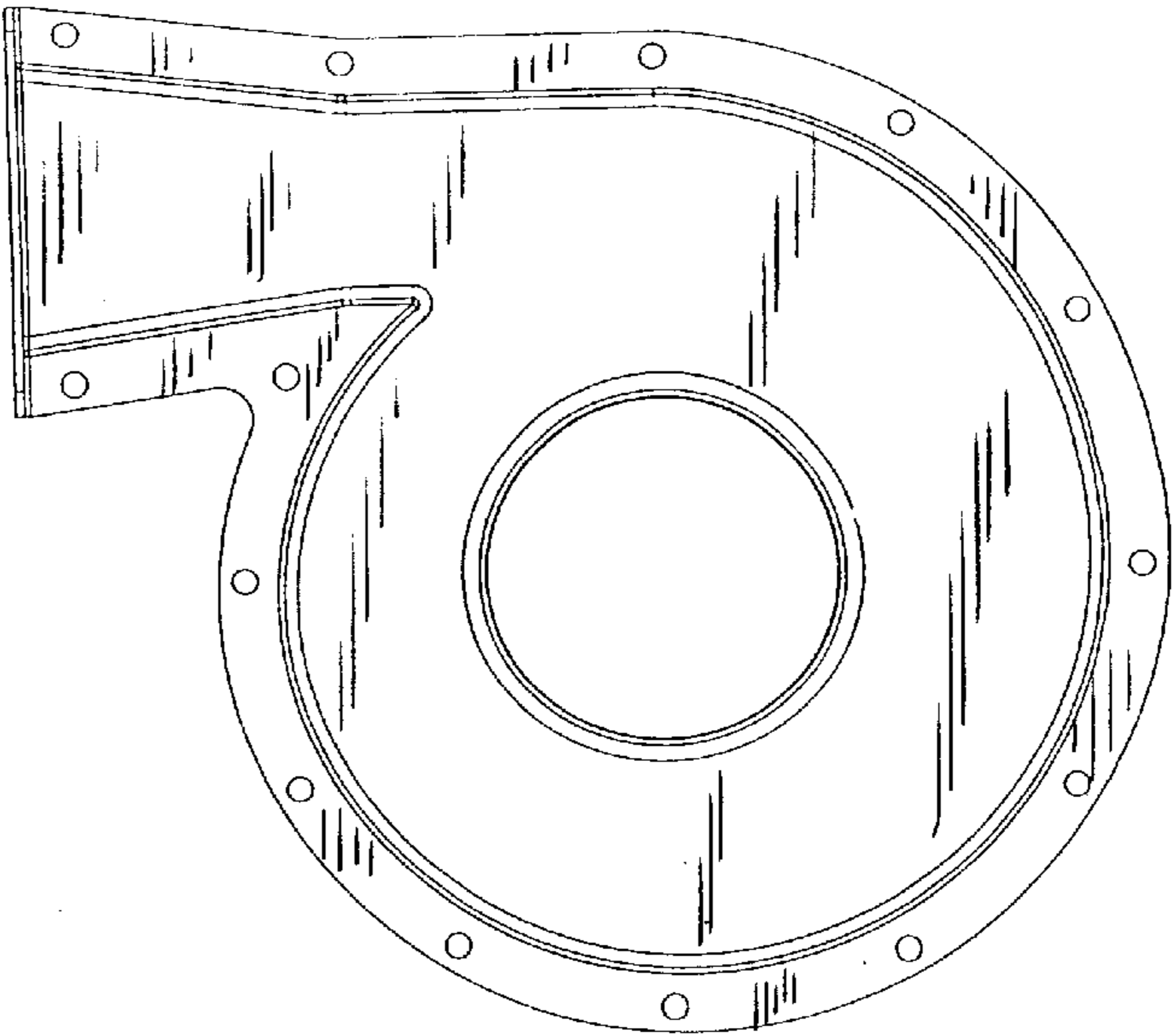


FIG. 4

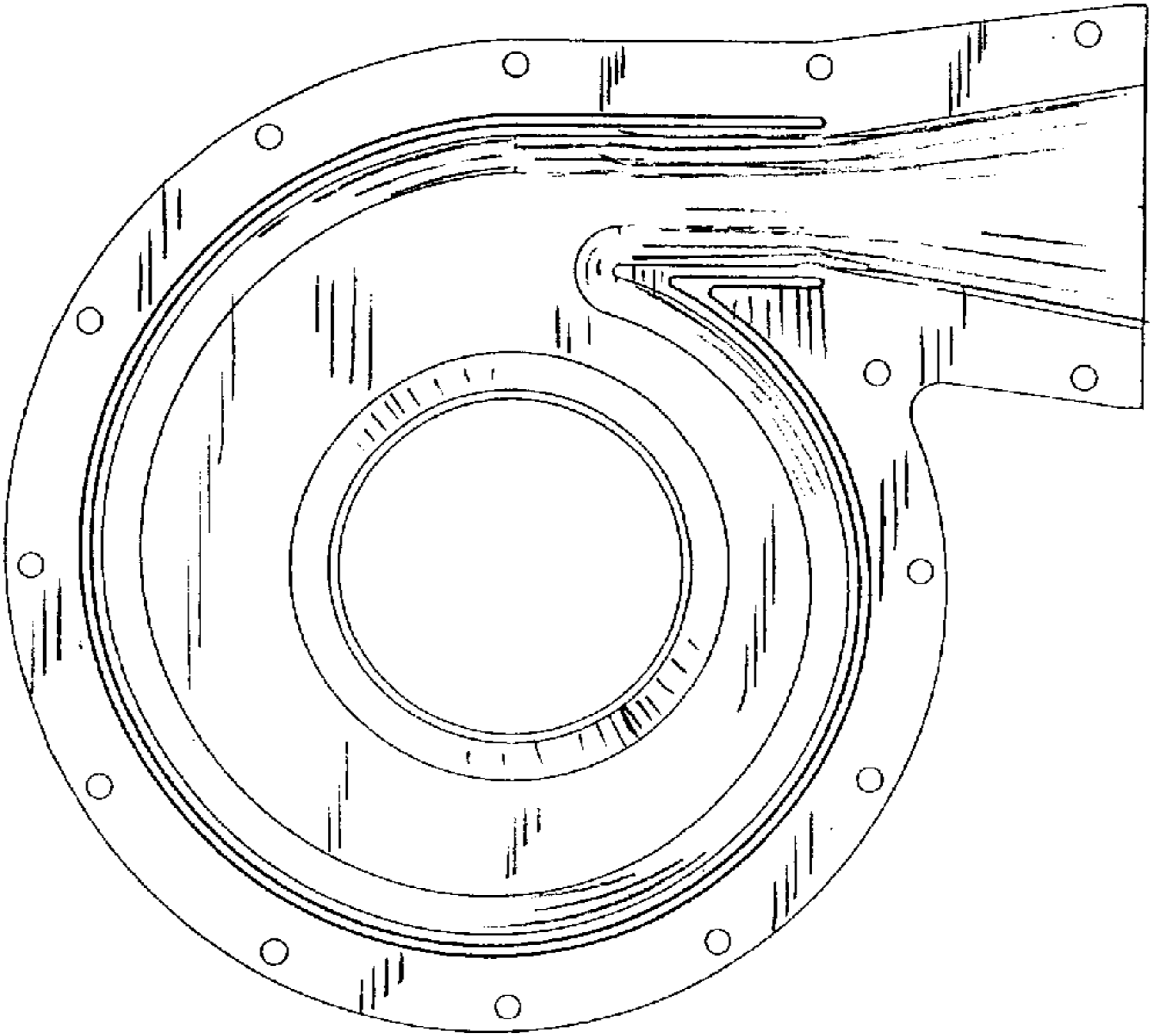


FIG. 5

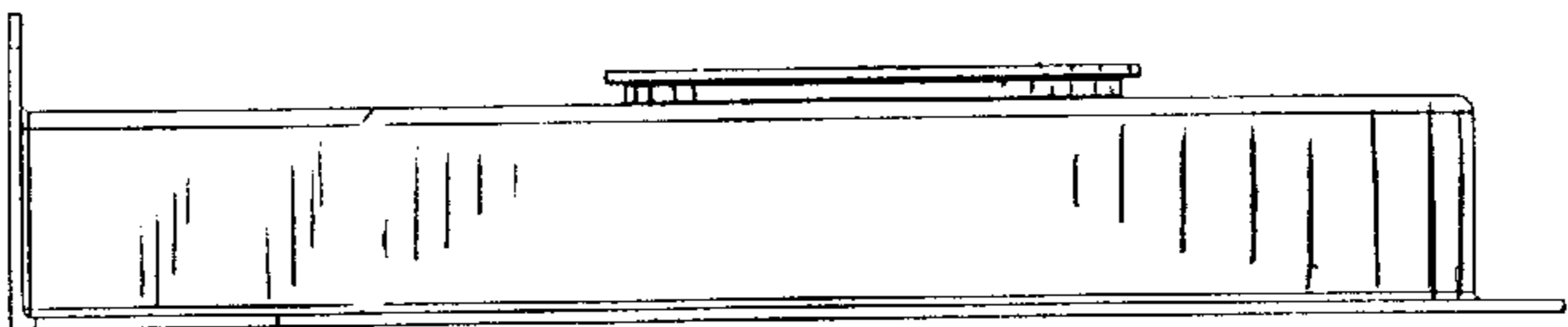
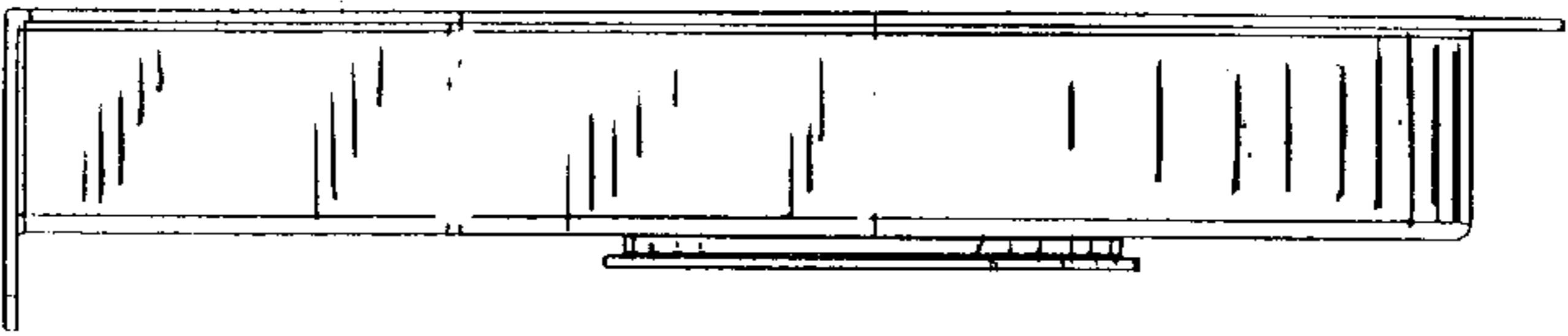


FIG. 6



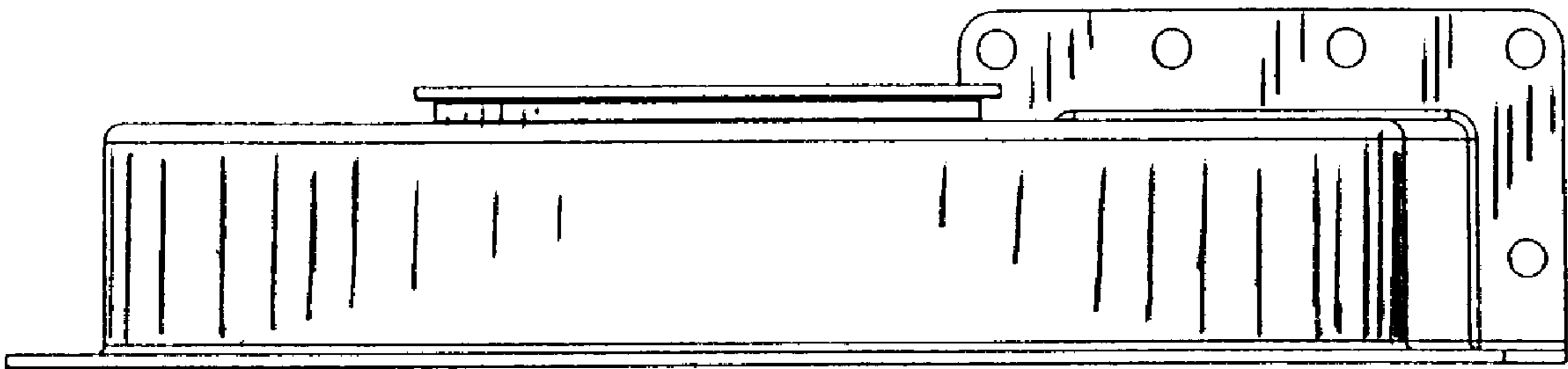


FIG. 7

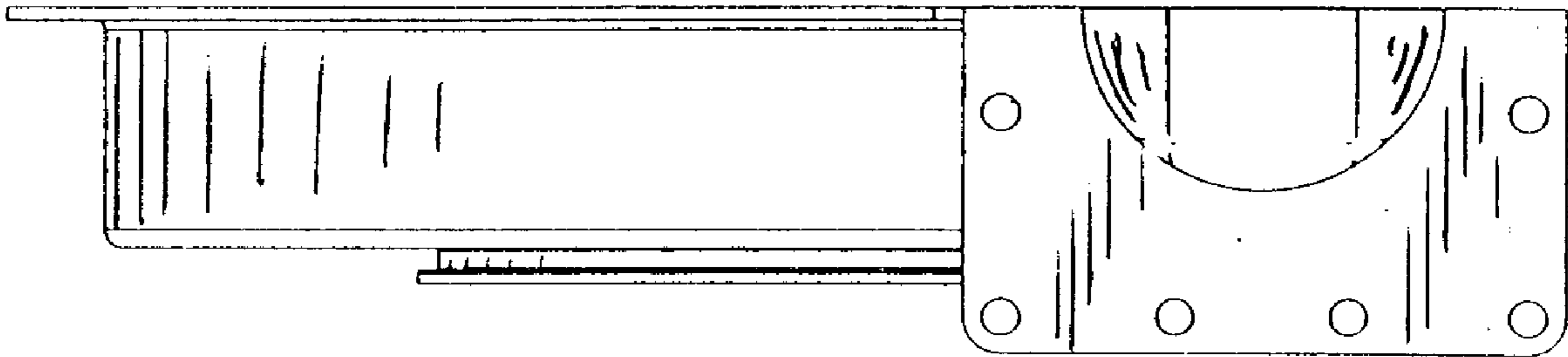


FIG. 8

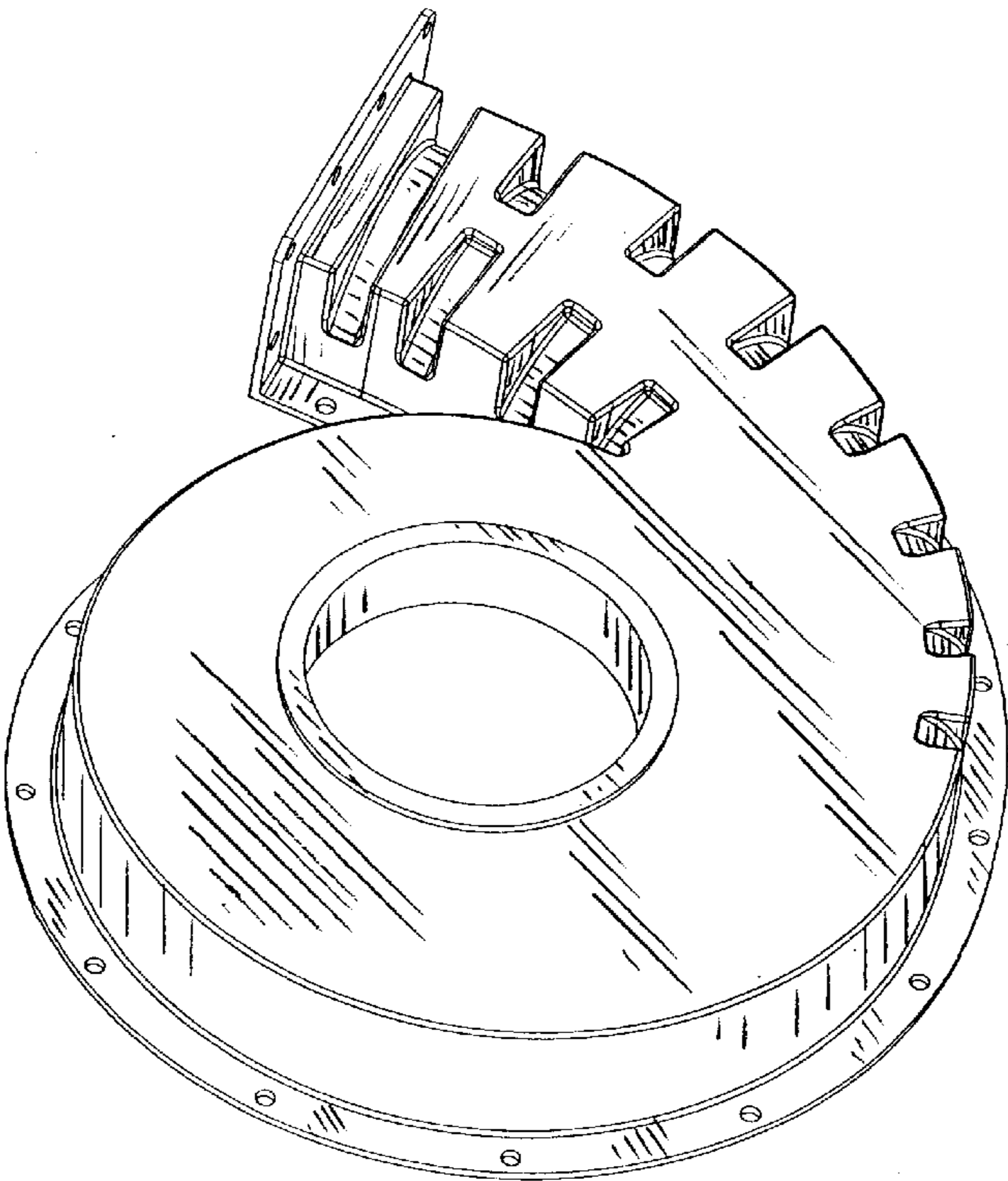


FIG. 9

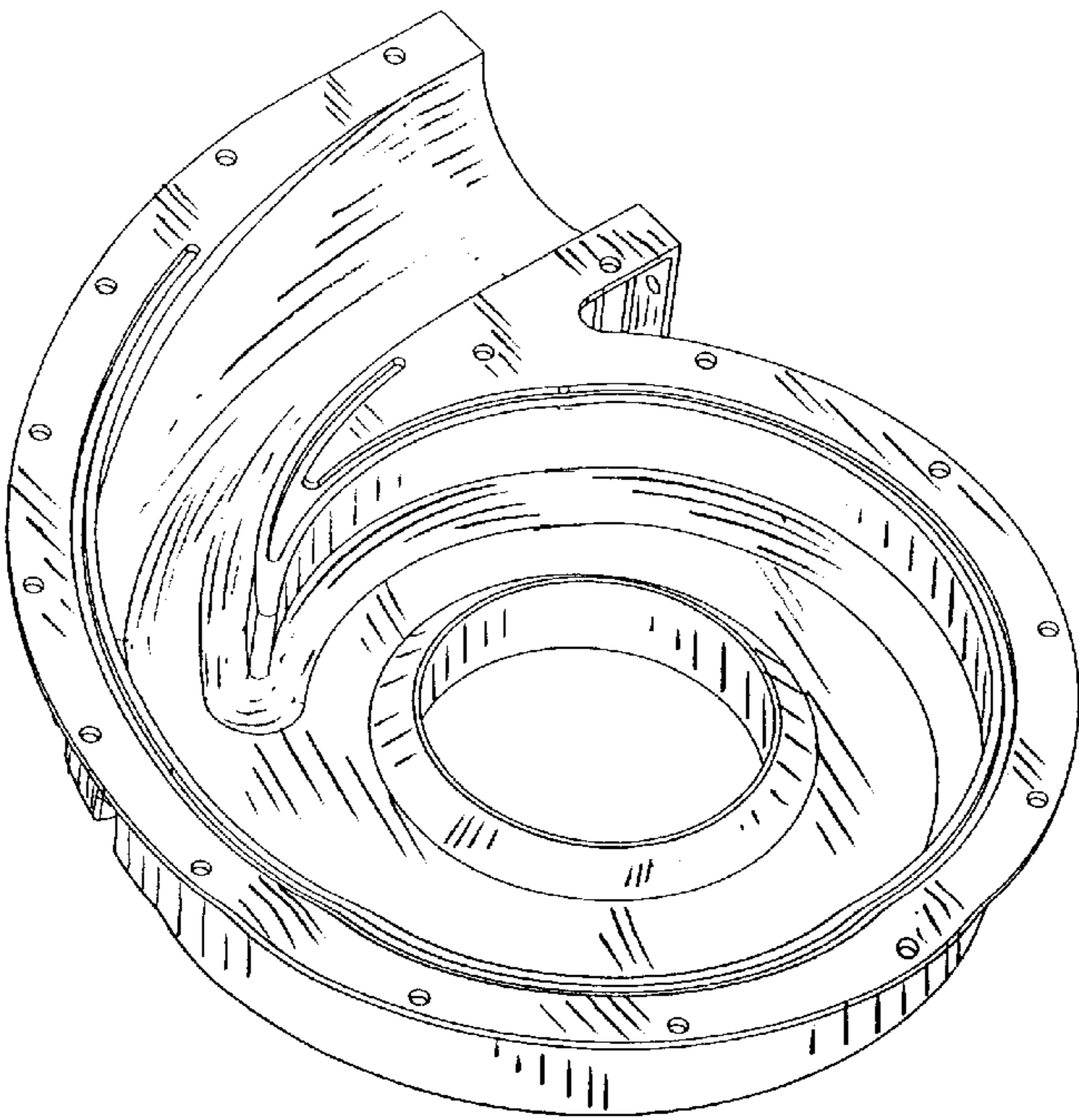


FIG. 10

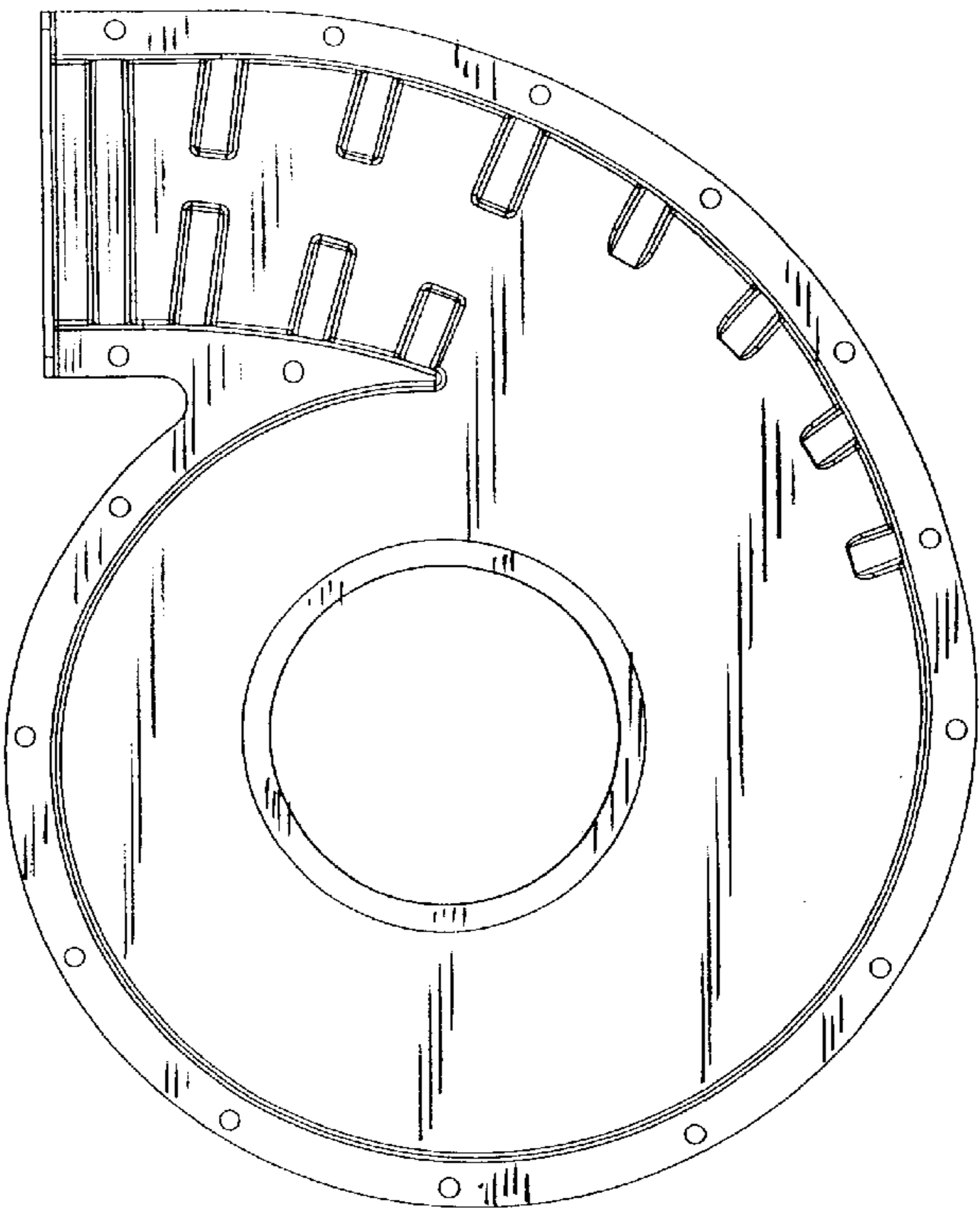


FIG. 11

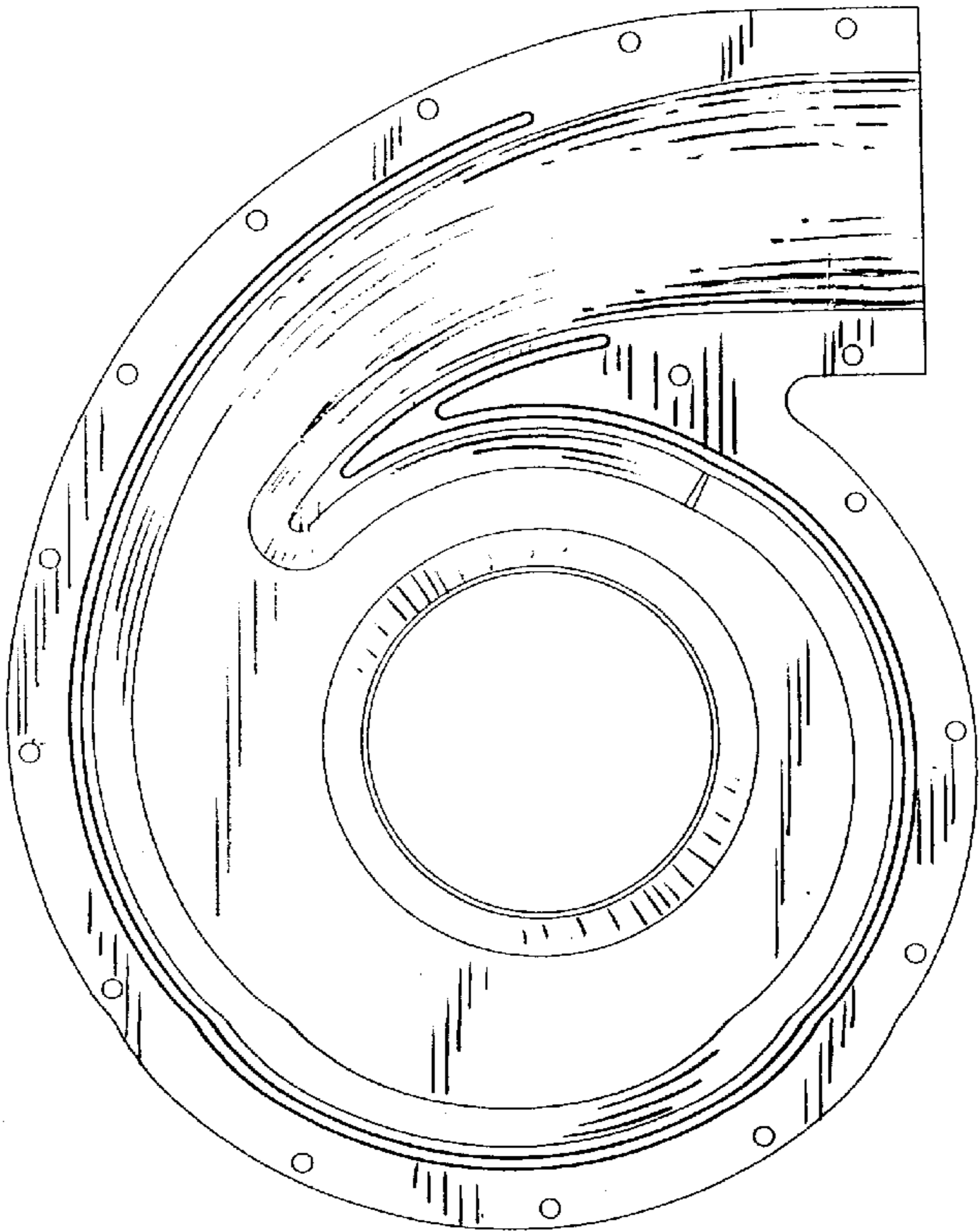


FIG. 12

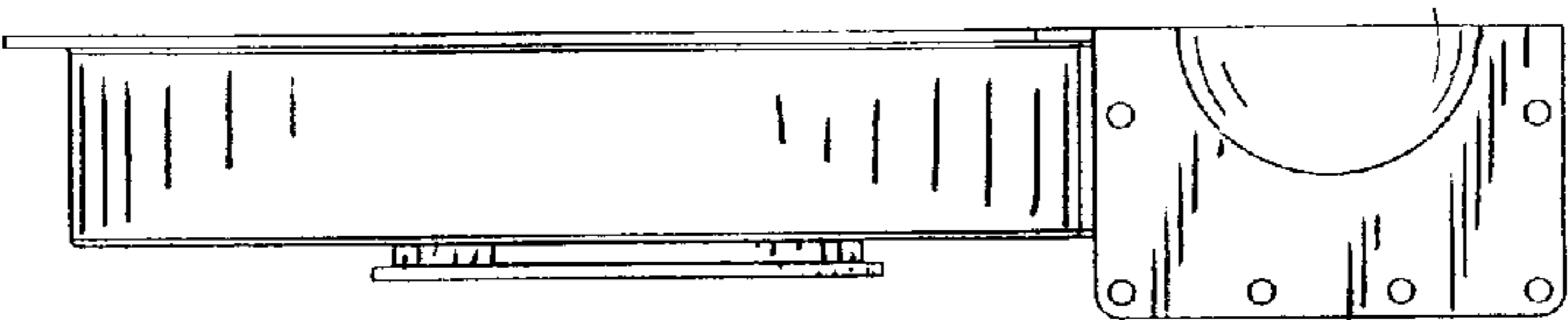


FIG. 13

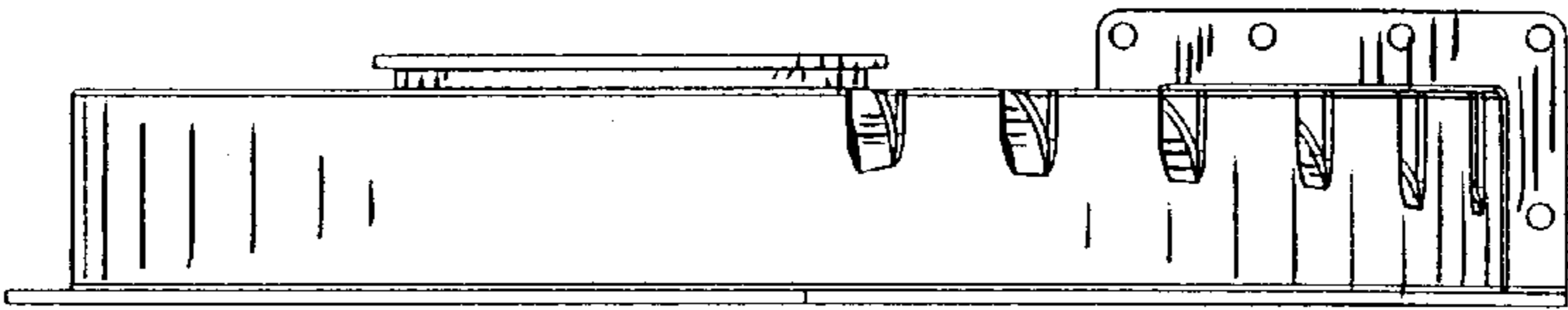


FIG. 14

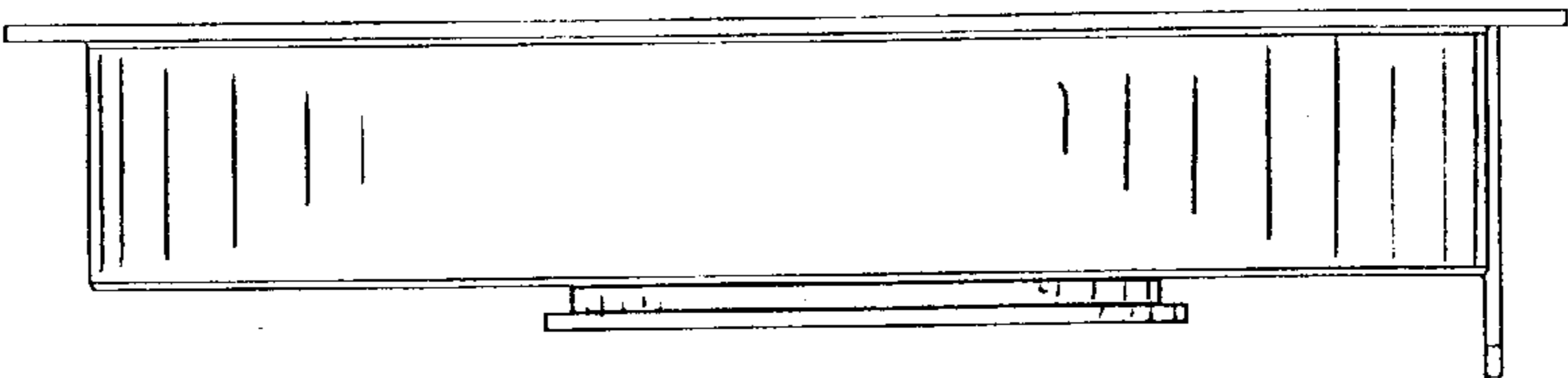


FIG. 15

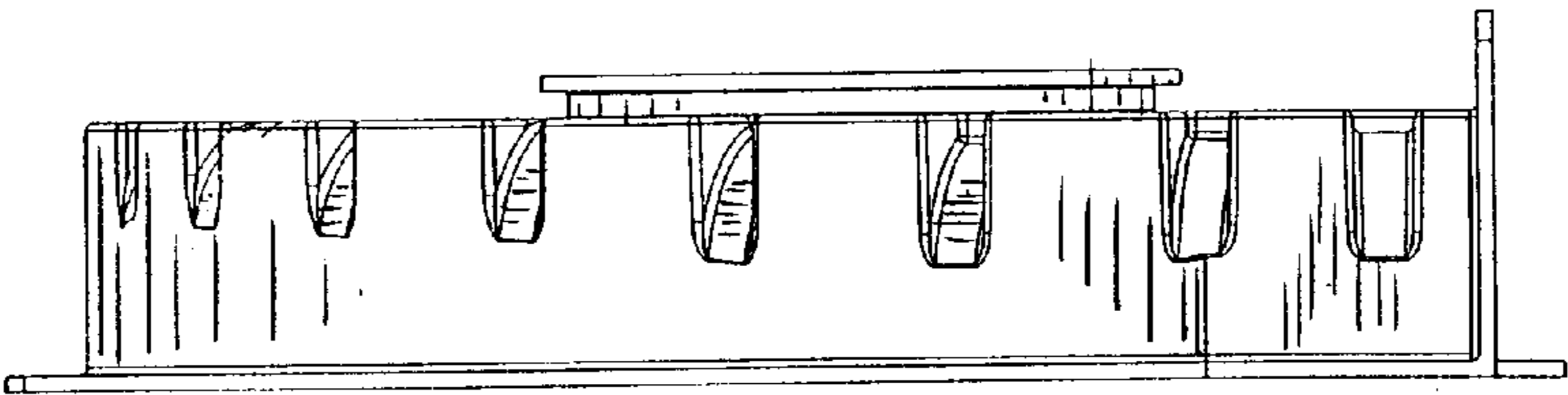


FIG. 16