



US00D490036S

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

(10) **Patent No.:** **US D490,036 S**

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(54) **MUFFLER END FLANGE**

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

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(51) **LOC (7) Cl.** **12-16**

(52) **U.S. Cl.** **D12/194**

(58) **Field of Search** D12/194, 114;
D15/5; 181/227, 228, 247, 249, 252, 284,
239-243

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(57) **CLAIM**

The ornamental design for a muffler end flange, as shown and described.

DESCRIPTION

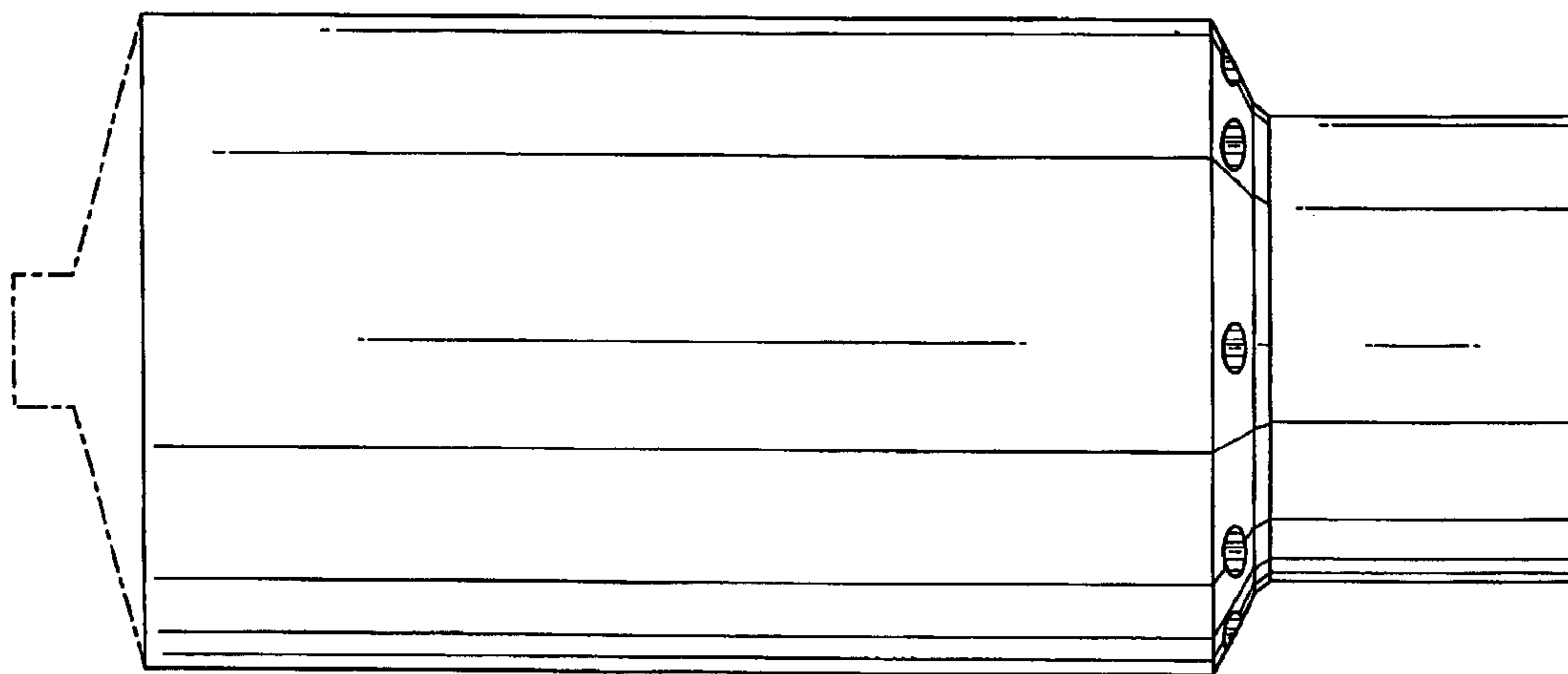
FIG. 1 is a perspective view of a muffler employing the ornamental design;

FIG. 2 is an end view of the muffler of FIG. 1; and,

FIG. 3 is a side view of the muffler of FIG. 1 with the attachment flange to a vehicle exhaust manifold, which is not claimed as an element of the present inventive design, shown in phantom.

The ornamental design incorporates a plurality of stop drilled holes arranged in a circular pattern on the end flange of the muffler as best seen in FIG. 2. The end flange is tapered from the barrel of the muffler to the exit pipe attachment as best seen in FIG. 3.

1 Claim, 3 Drawing Sheets



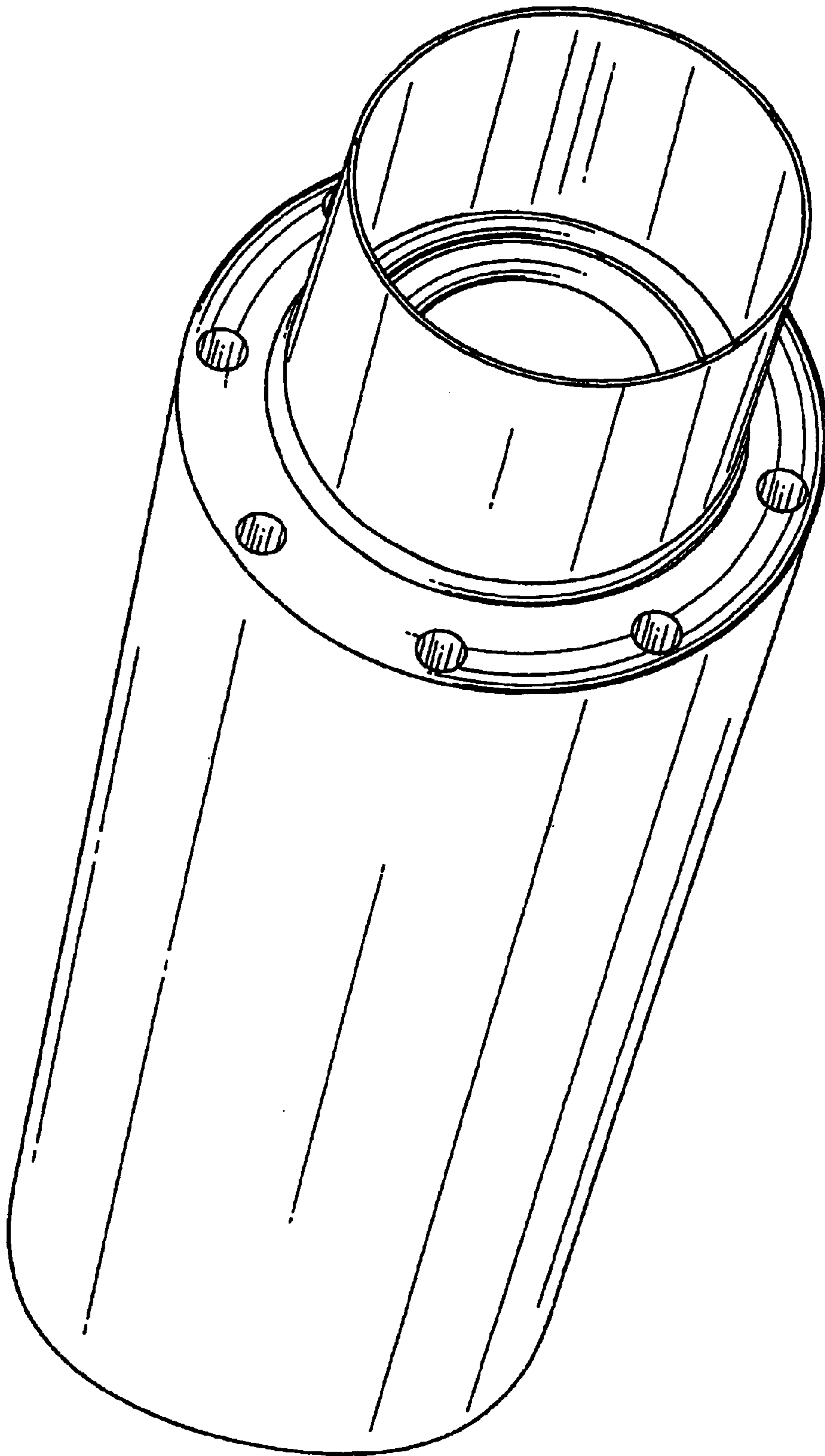


FIG. 1

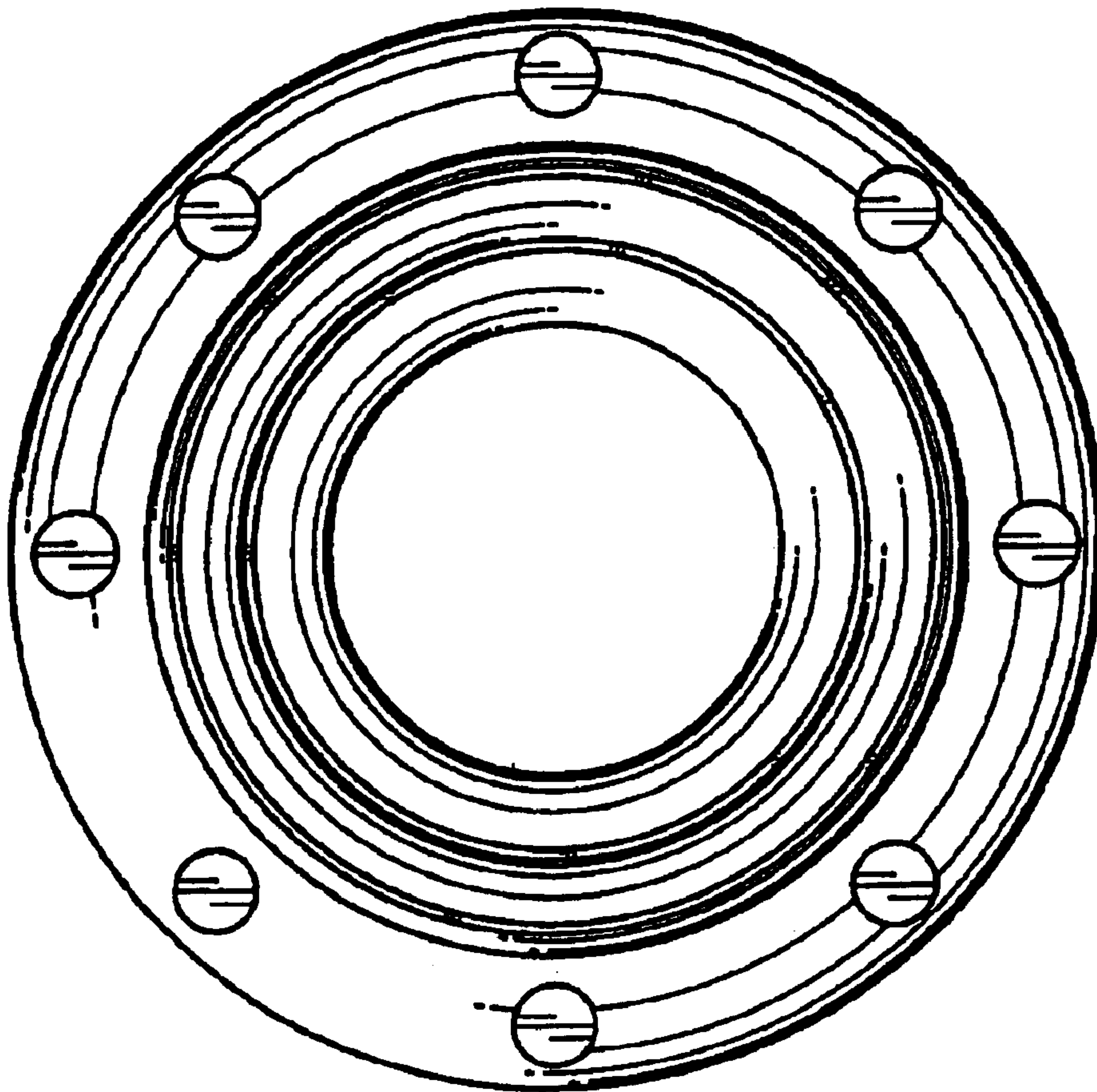


FIG. 2

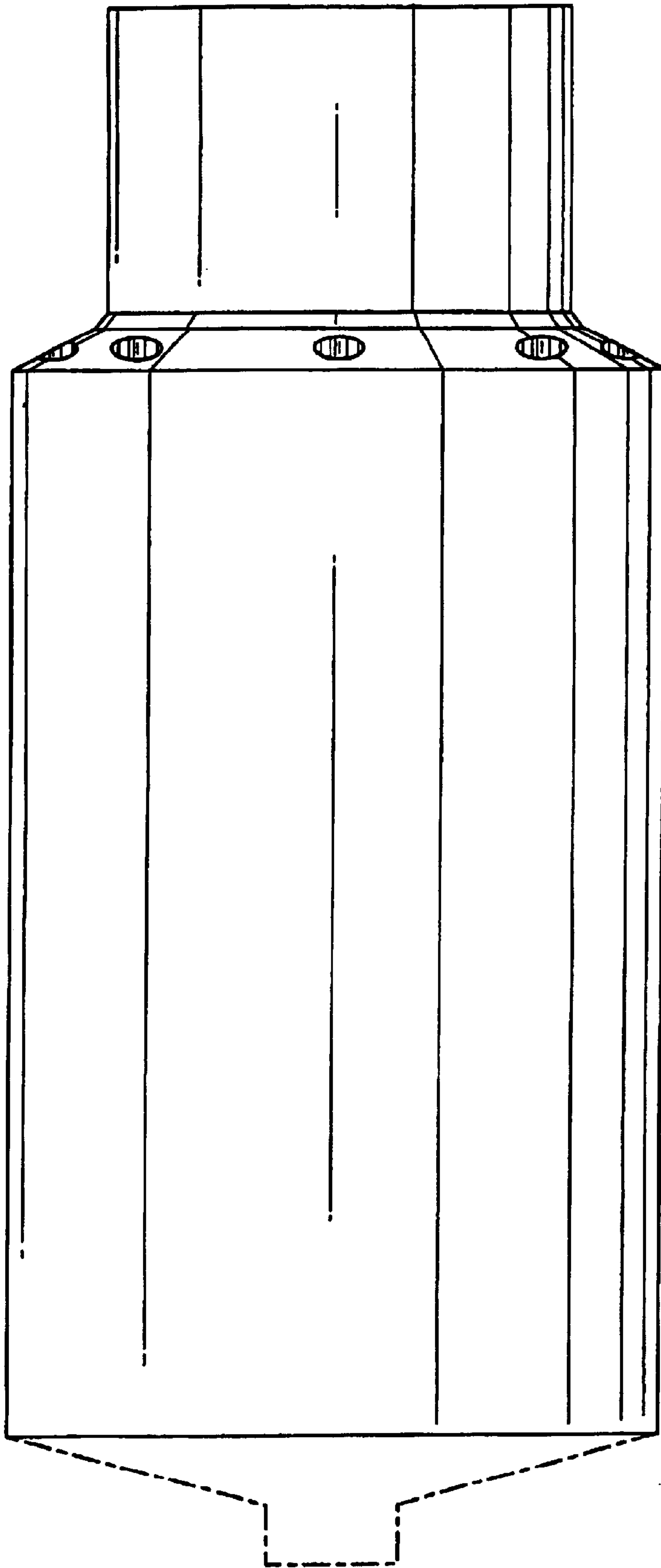


FIG. 3