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United States Patent [19]

Shintani et al.

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[54] **NOZZLE FOR A PLASMA ARC TORCH**

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[73] Assignee: **Komatsu Ltd.**, Tokyo, Japan

[**] Term: **14 Years**

[21] Appl. No.: **29/093,354**

[22] Filed: **Sep. 9, 1998**

[30] **Foreign Application Priority Data**

Mar. 11, 1998 [JP] Japan 10-6467

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

[52] **U.S. Cl.** **D15/144**

[58] **Field of Search** D15/144, 144.1, D15/144.2; 219/121.5, 121.44

[56] **References Cited**

U.S. PATENT DOCUMENTS

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[57] **CLAIM**

The ornamental design for a nozzle for a plasma arc torch as shown and described.

DESCRIPTION

FIG. 1 is a front view of a nozzle for a plasma arc torch showing our new design, the rear view being symmetrical to the front view;

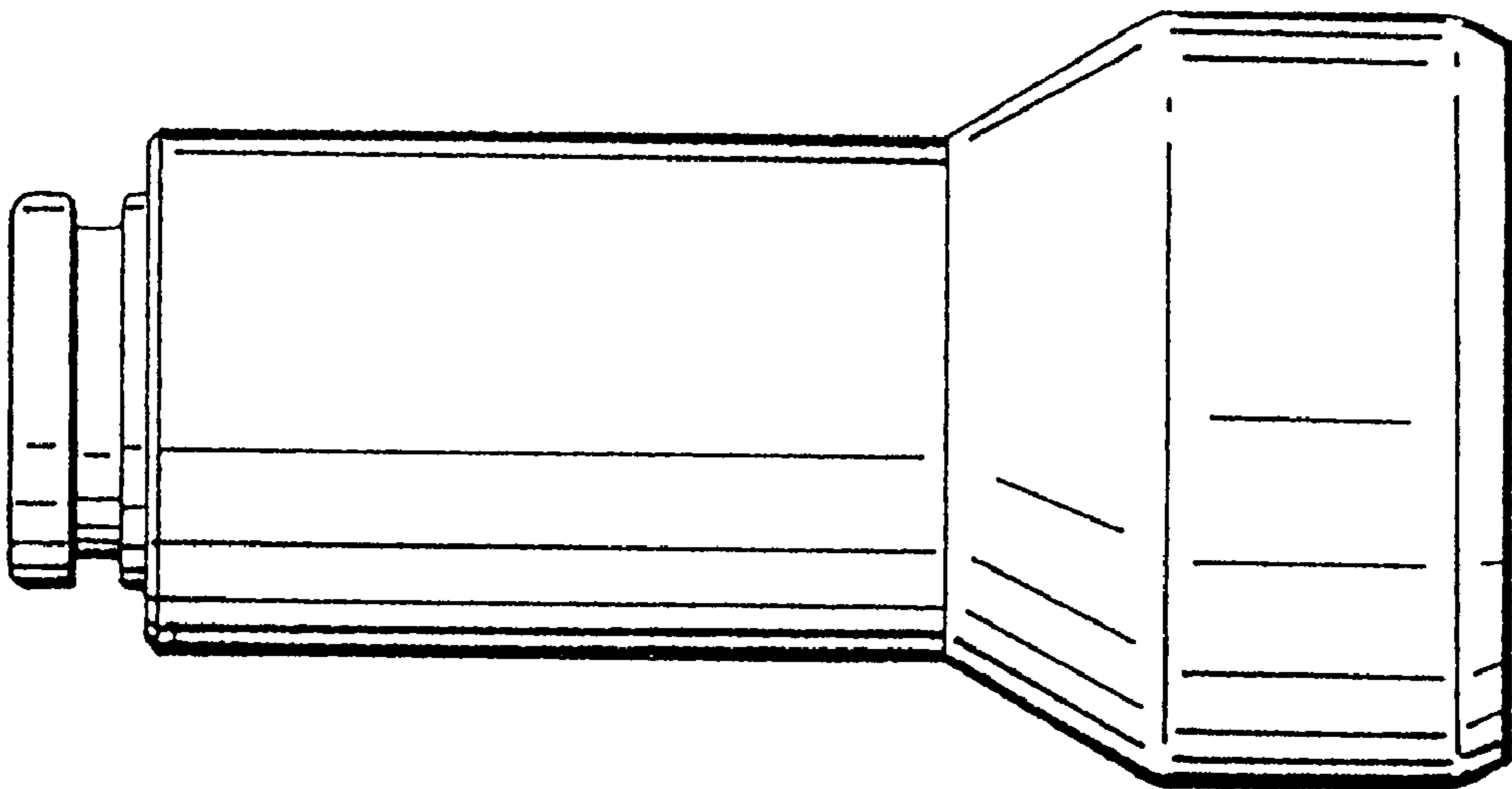
FIG. 2 is a top plan view thereof;

FIG. 3 is a bottom plan view thereof;

FIG. 4 is a right side view thereof; and,

FIG. 5 is a left side view thereof.

1 Claim, 2 Drawing Sheets



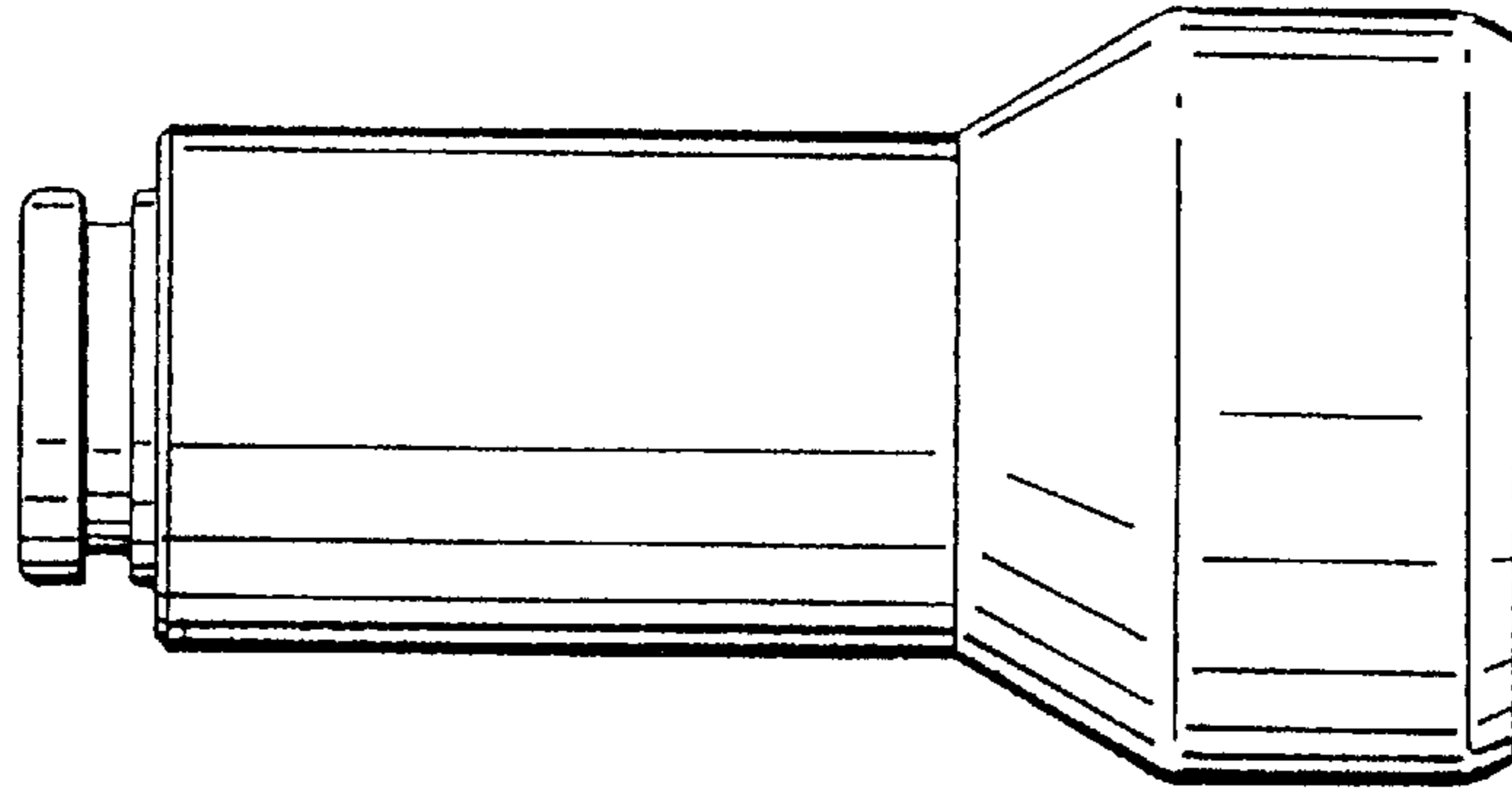


FIG. 1

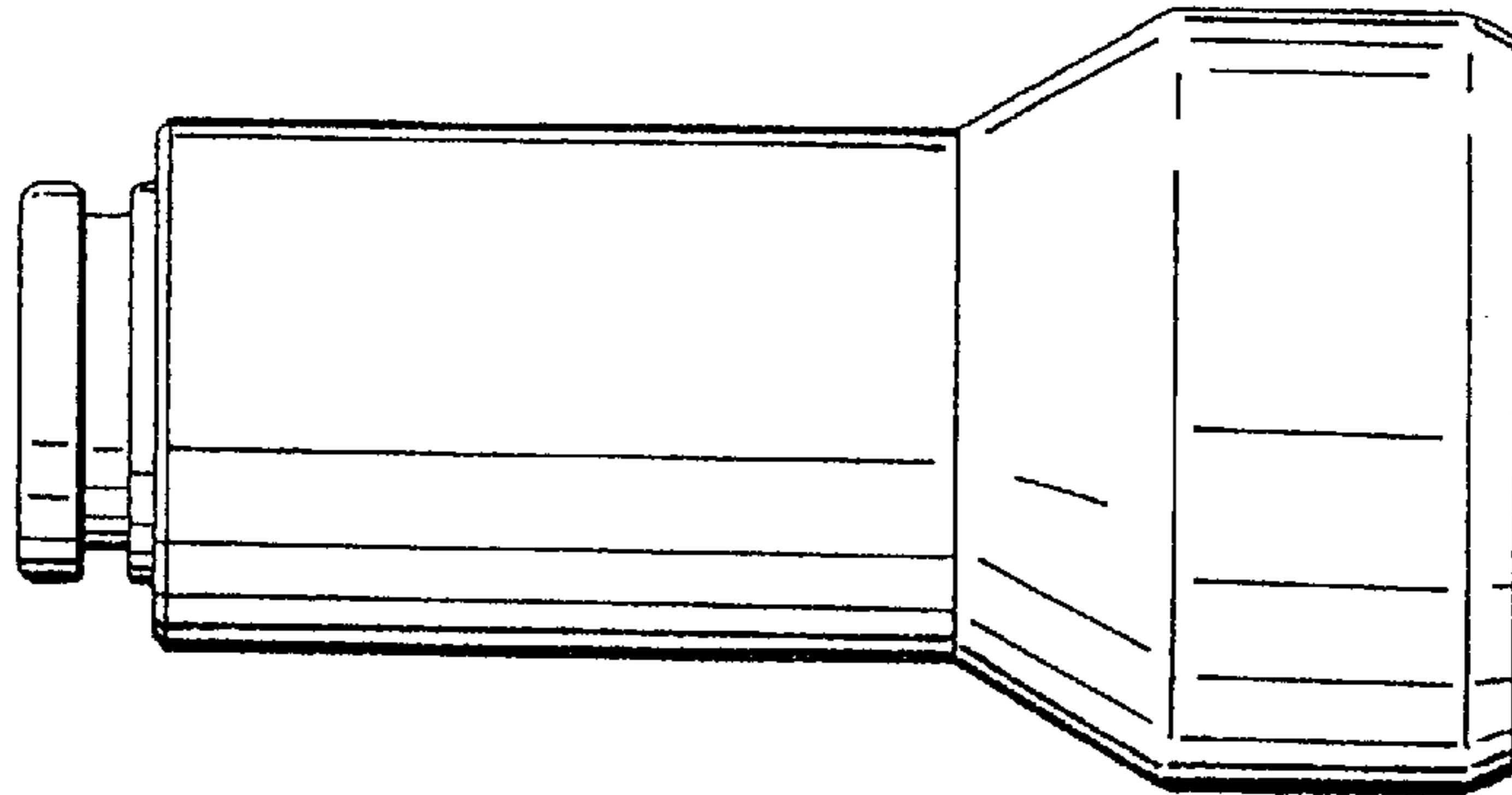


FIG. 2

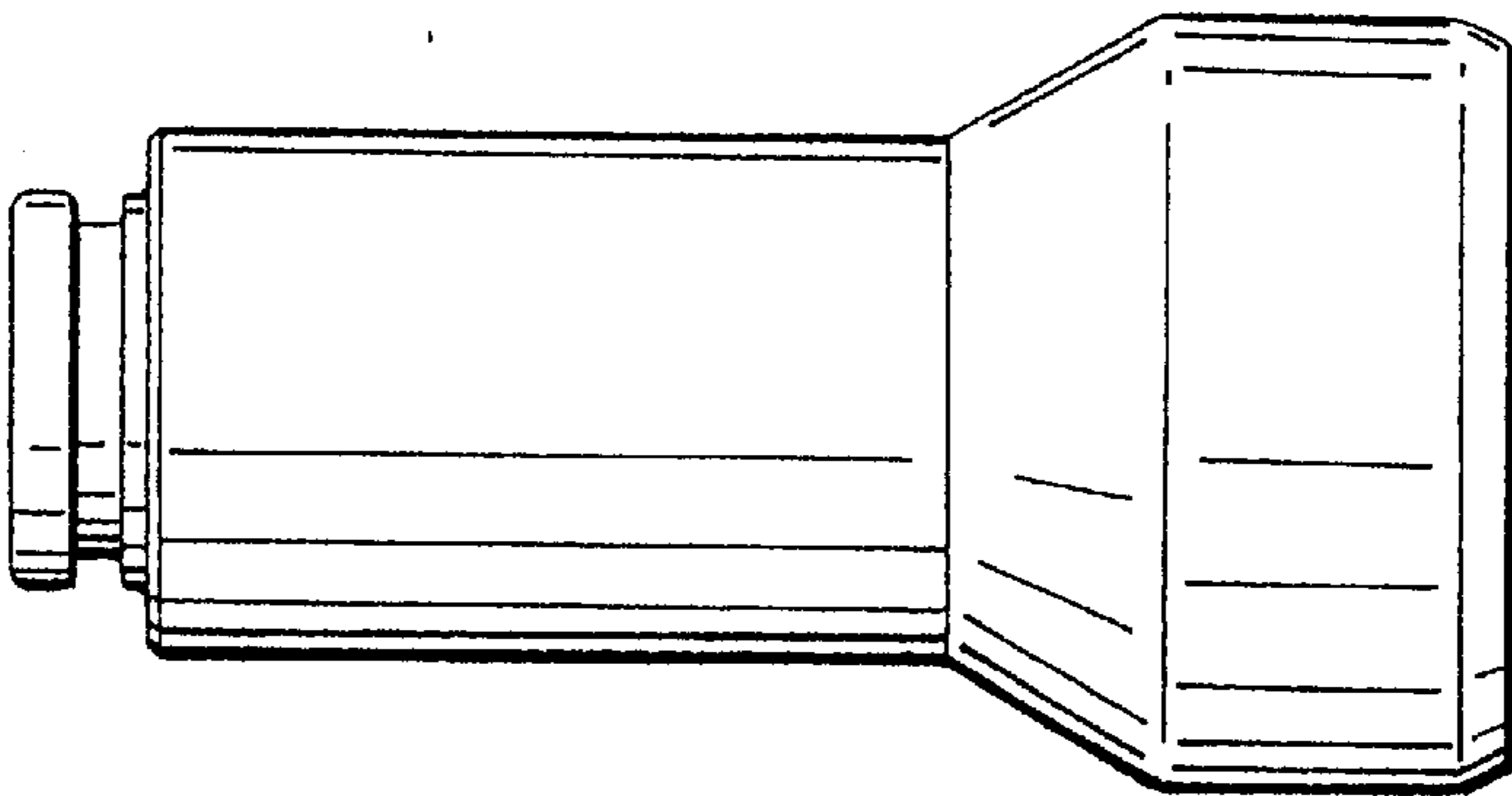


FIG. 3

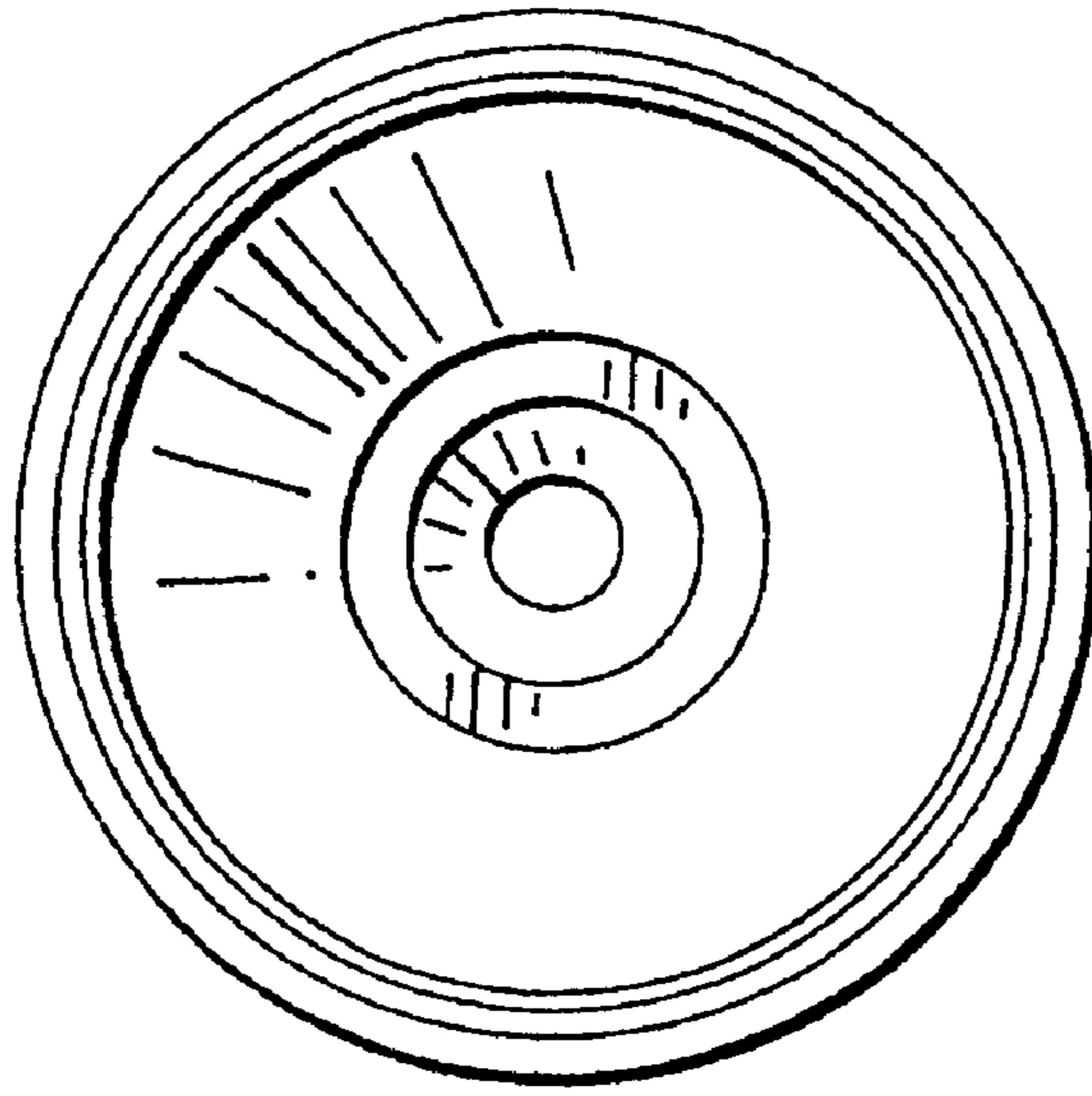


FIG. 4

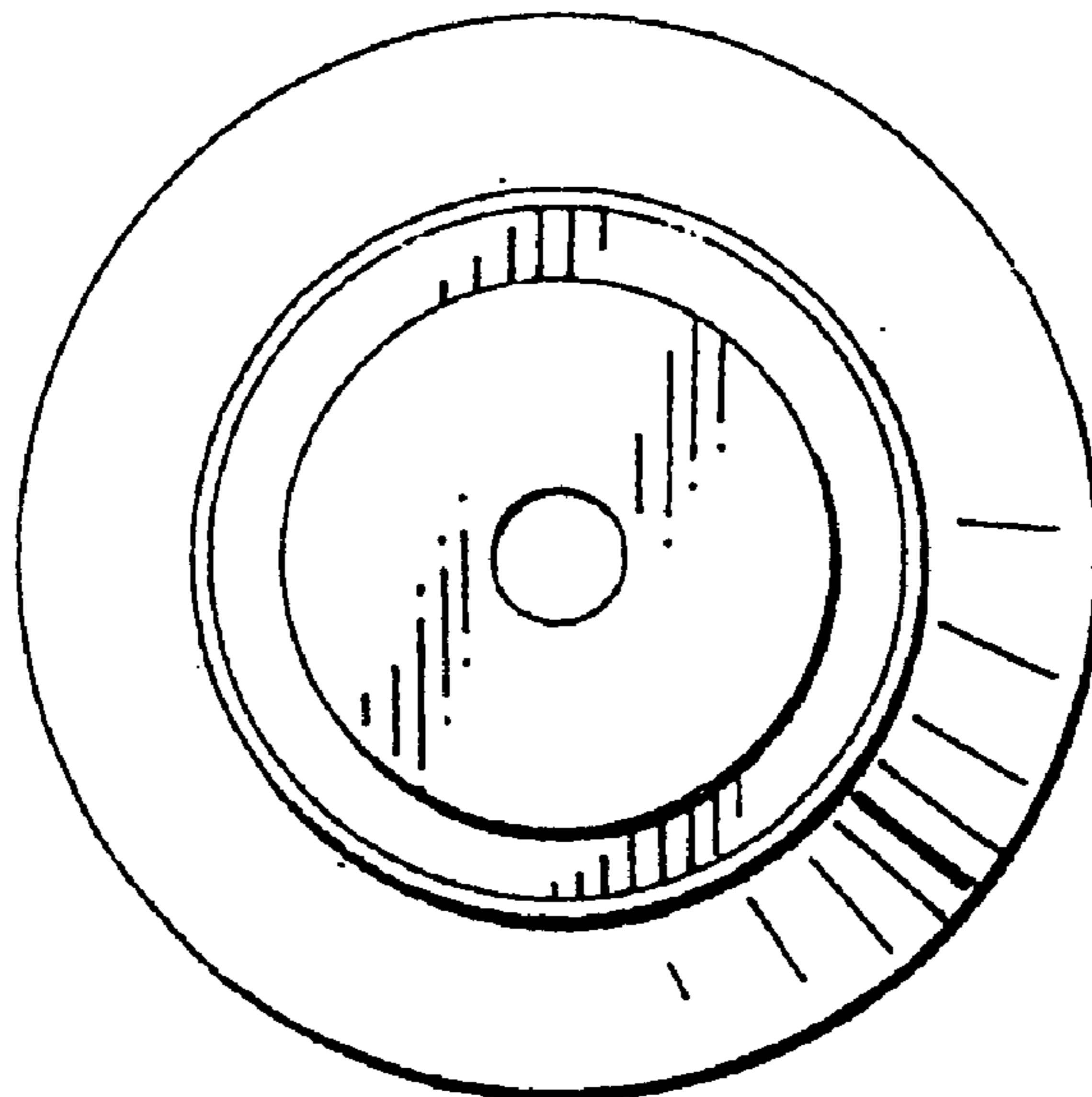


FIG. 5