



US00D421476S

United States Patent [19]

[11] **Patent Number: Des. 421,476**

Knight et al.

[45] **Date of Patent: ** Mar. 7, 2000**

[54] **PERCUSSION DISC FOR MUZZLELOADING RIFLES**

[75] Inventors: **William A. Knight; L. Dale Watley,**
both of Centerville, Iowa

[73] Assignee: **Ebsco Industries, Inc.,** Birmingham,
Ala.

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

[21] Appl. No.: **29/082,023**

[22] Filed: **Jan. 13, 1998**

Related U.S. Application Data

[63] Continuation-in-part of application No. 29/068,298, Mar. 27, 1997, abandoned, which is a continuation-in-part of application No. 29/061,045, Oct. 15, 1996, abandoned.

[51] **LOC (6) Cl.** **22-01**

[52] **U.S. Cl.** **D22/108; D22/100; D22/199**

[58] **Field of Search** **D22/100, 108,**
D22/111, 199; 42/51; 89/1.3

[56] References Cited

U.S. PATENT DOCUMENTS

D. 285,238	8/1986	Cellini	D22/108
D. 296,350	6/1988	Cellini	D22/108
D. 380,249	6/1997	Bingham et al.	D22/100 X
D. 390,302	2/1998	Bullock	D22/100 X
1,277,669	9/1918	Viven et al.	89/1.3
3,608,422	9/1971	Bretnor	89/1.3
5,016,379	5/1991	Lambert	42/51

Primary Examiner—Louis S. Zarfaz

Assistant Examiner—Monica A. Weingart

Attorney, Agent, or Firm—Zarley, McKee, Thomte,
Voorhees & Sease

[57] CLAIM

We claim the ornamental design for a percussion disc for muzzleloading rifles, as shown.

DESCRIPTION

FIG. 1 is a perspective view of a preferred embodiment of

a percussion disc for muzzleloading rifles showing our new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a side elevational view thereof;

FIG. 4 is a top plan view thereof;

FIG. 5 is a bottom plan view thereof;

FIG. 6 is a rearward perspective view thereof; and

FIG. 7 is a rearward elevational view thereof.

FIG. 8 is a first alternate perspective view of a percussion disc for muzzleloading rifles showing our new design;

FIG. 9 is a front elevational view thereof;

FIG. 10 is a side elevational view thereof;

FIG. 11 is a top plan view thereof;

FIG. 12 is a bottom plan view thereof;

FIG. 13 is a rearward perspective view thereof; and

FIG. 14 is a rearward elevational view thereof.

FIG. 15 is a second alternate perspective view of a percussion disc for muzzleloading rifles showing our new design;

FIG. 16 is a front elevational view thereof;

FIG. 17 is a side elevational view thereof;

FIG. 18 is a top plan view thereof;

FIG. 19 is a bottom plan view thereof;

FIG. 20 is a rearward perspective view thereof; and

FIG. 21 is a rearward elevational view thereof.

FIG. 22 is a third alternate perspective view of a percussion disc for muzzleloading rifles showing our new design;

FIG. 23 is a front elevational view thereof;

FIG. 24 is a side elevational view thereof;

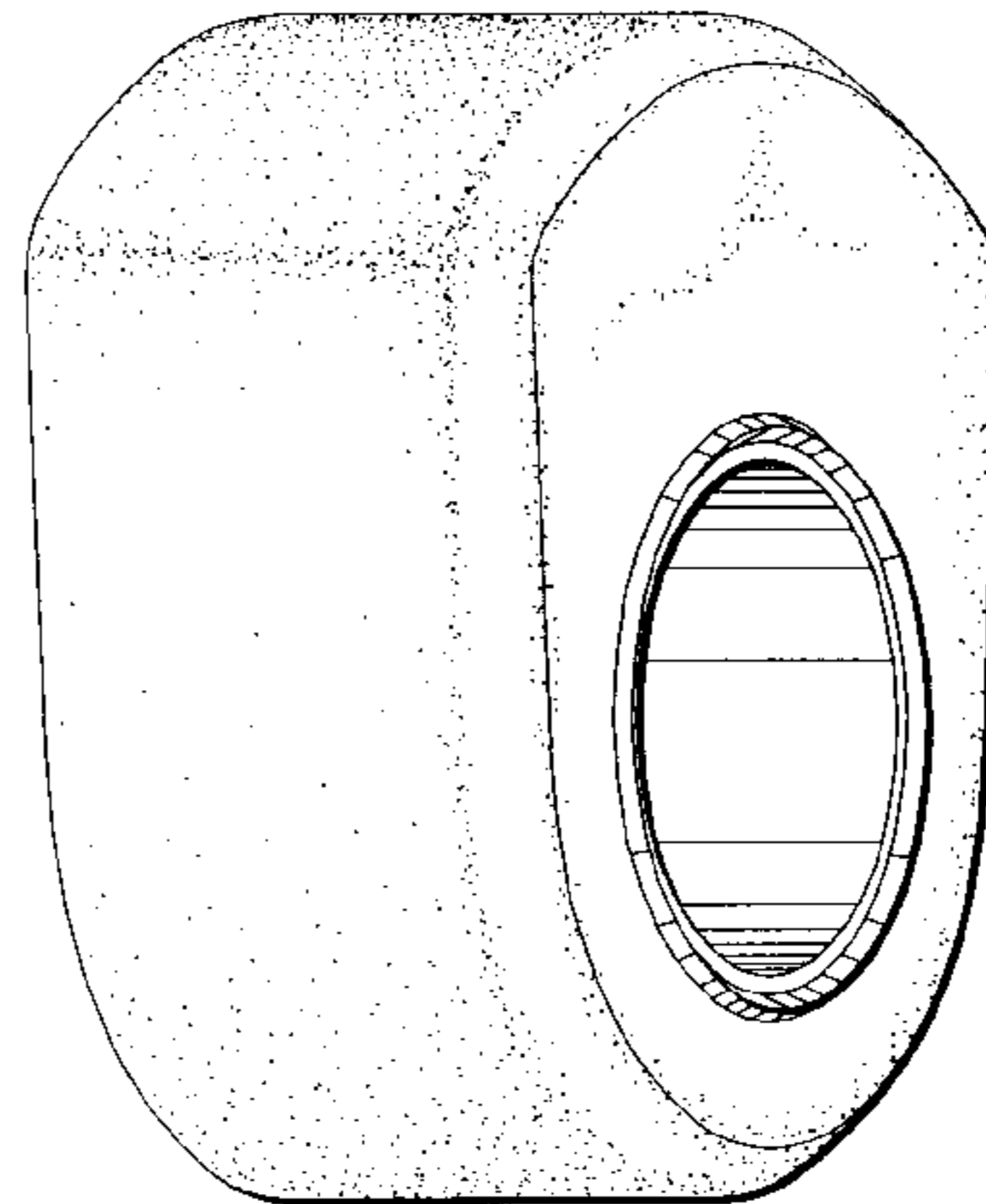
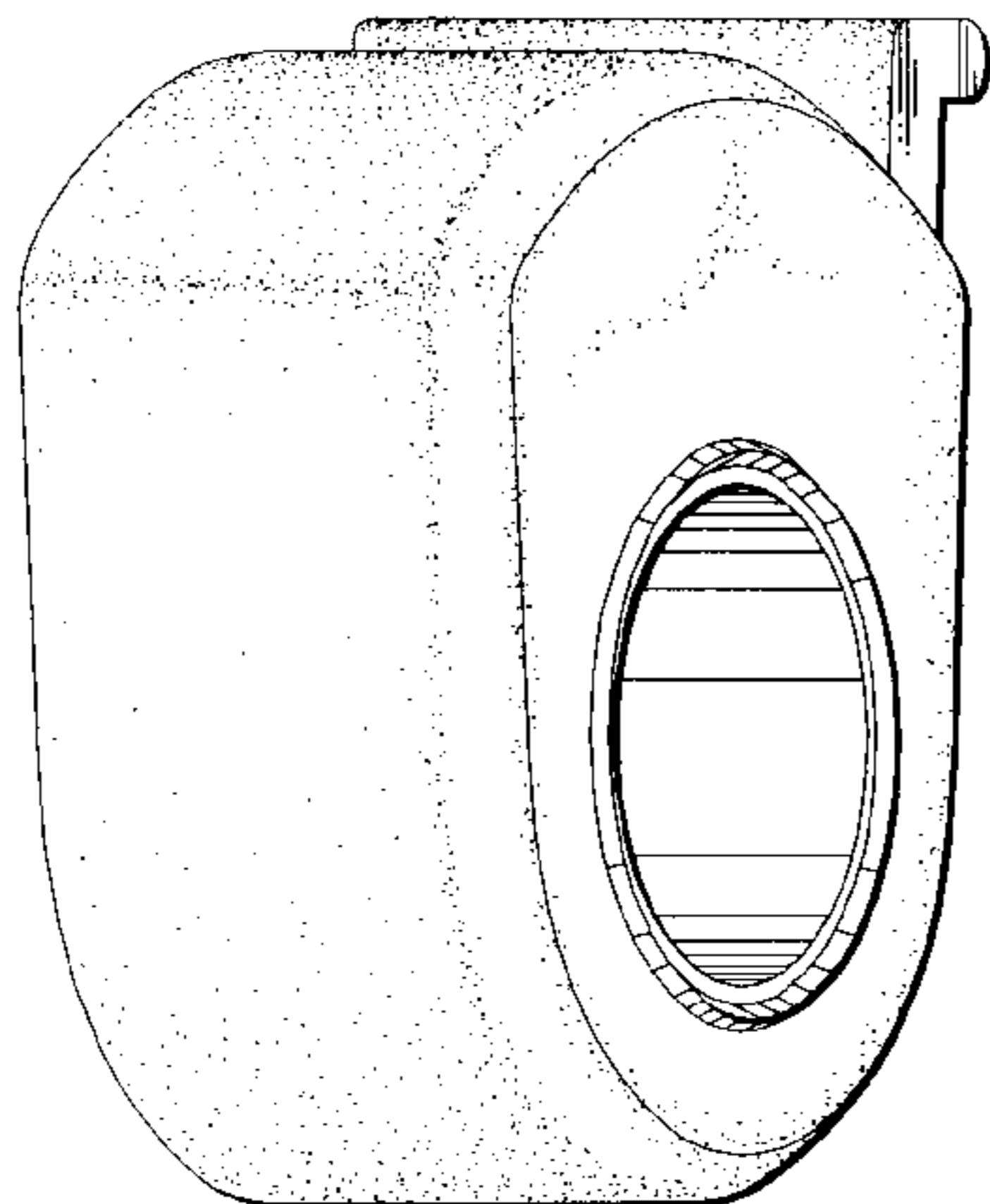
FIG. 25 is a top plan view thereof;

FIG. 26 is a bottom plan view thereof;

FIG. 27 is a rearward perspective view thereof; and,

FIG. 28 is a rearward elevational view thereof.

1 Claim, 8 Drawing Sheets



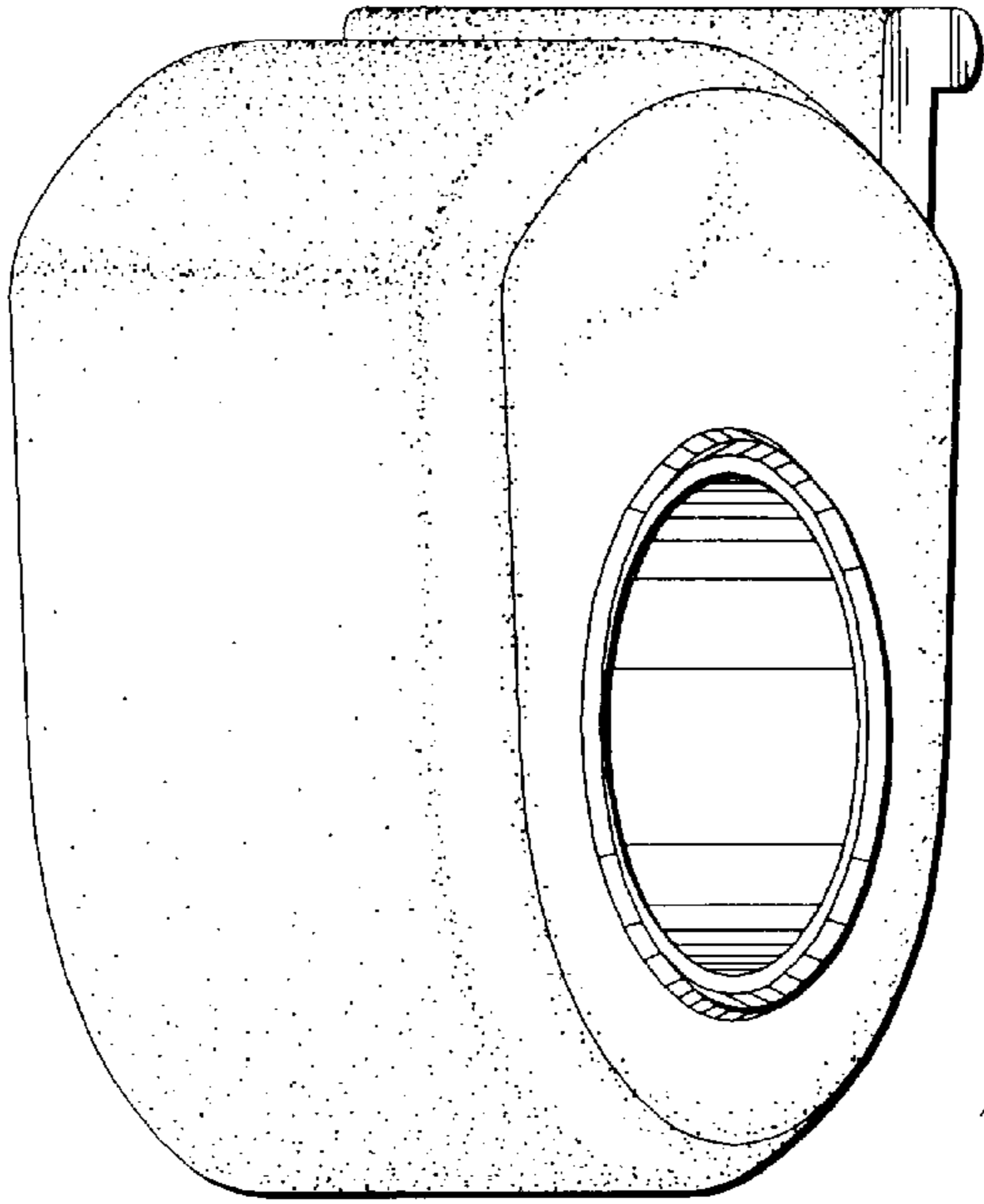


Fig. 1

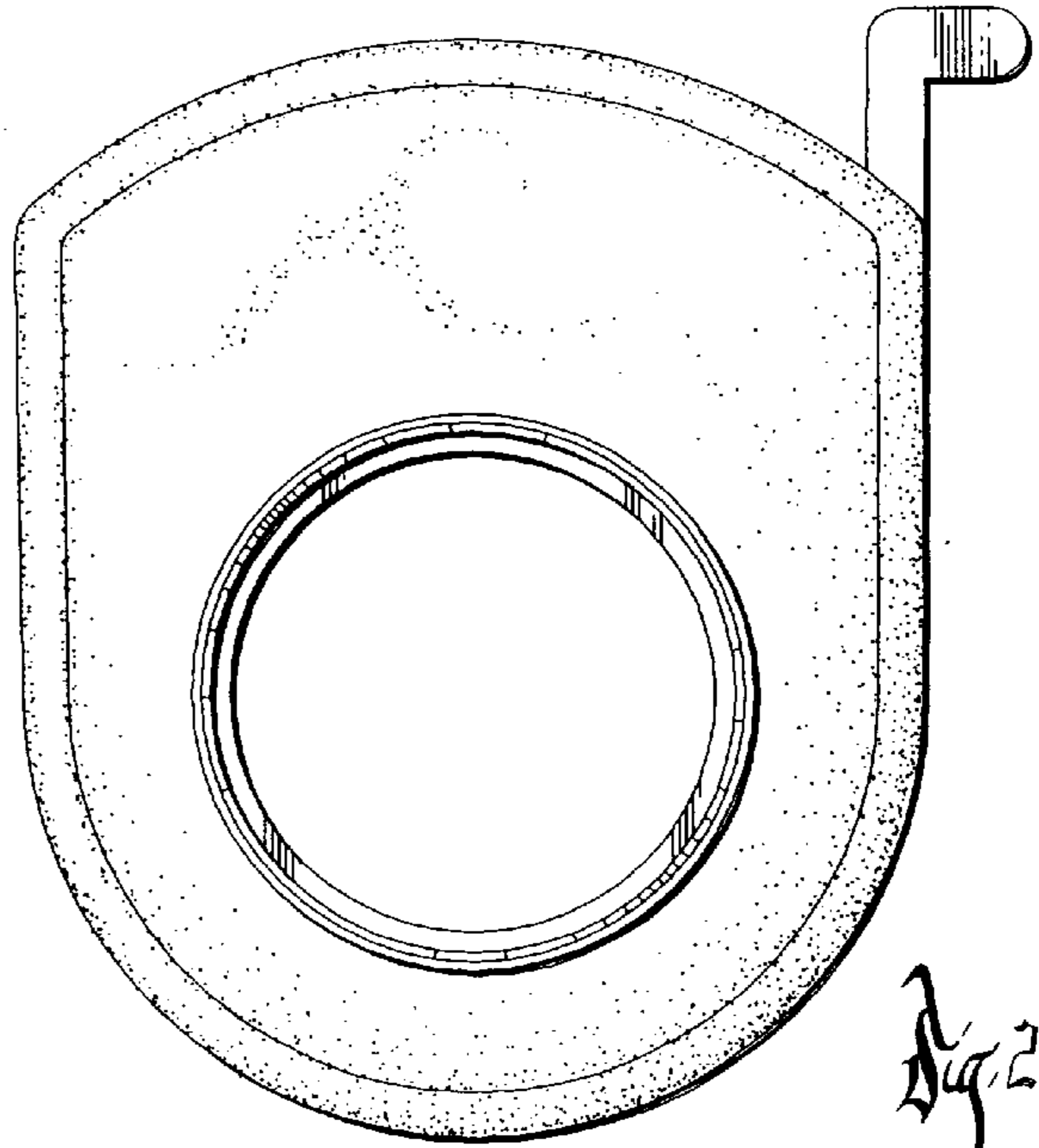


Fig. 2

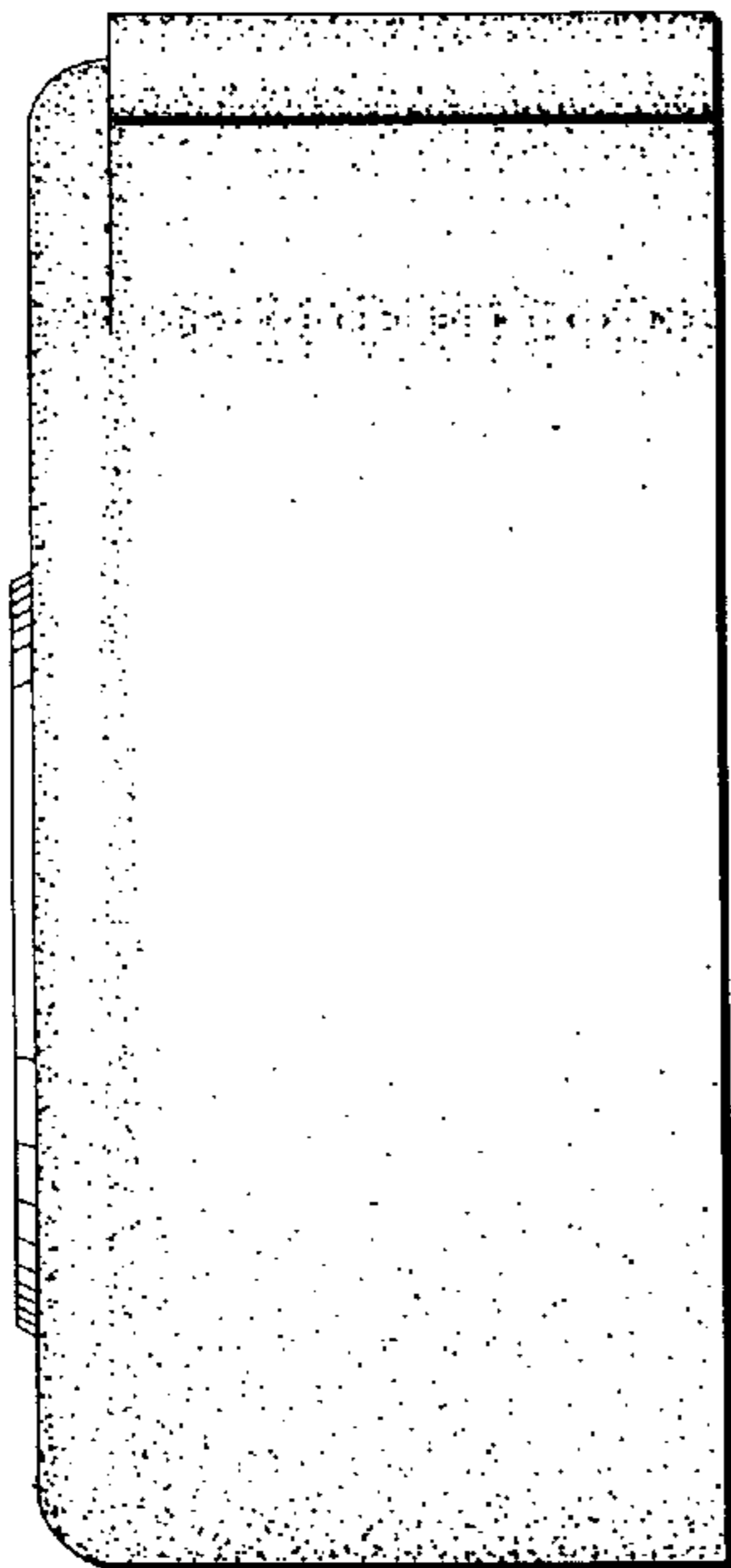


Fig. 3

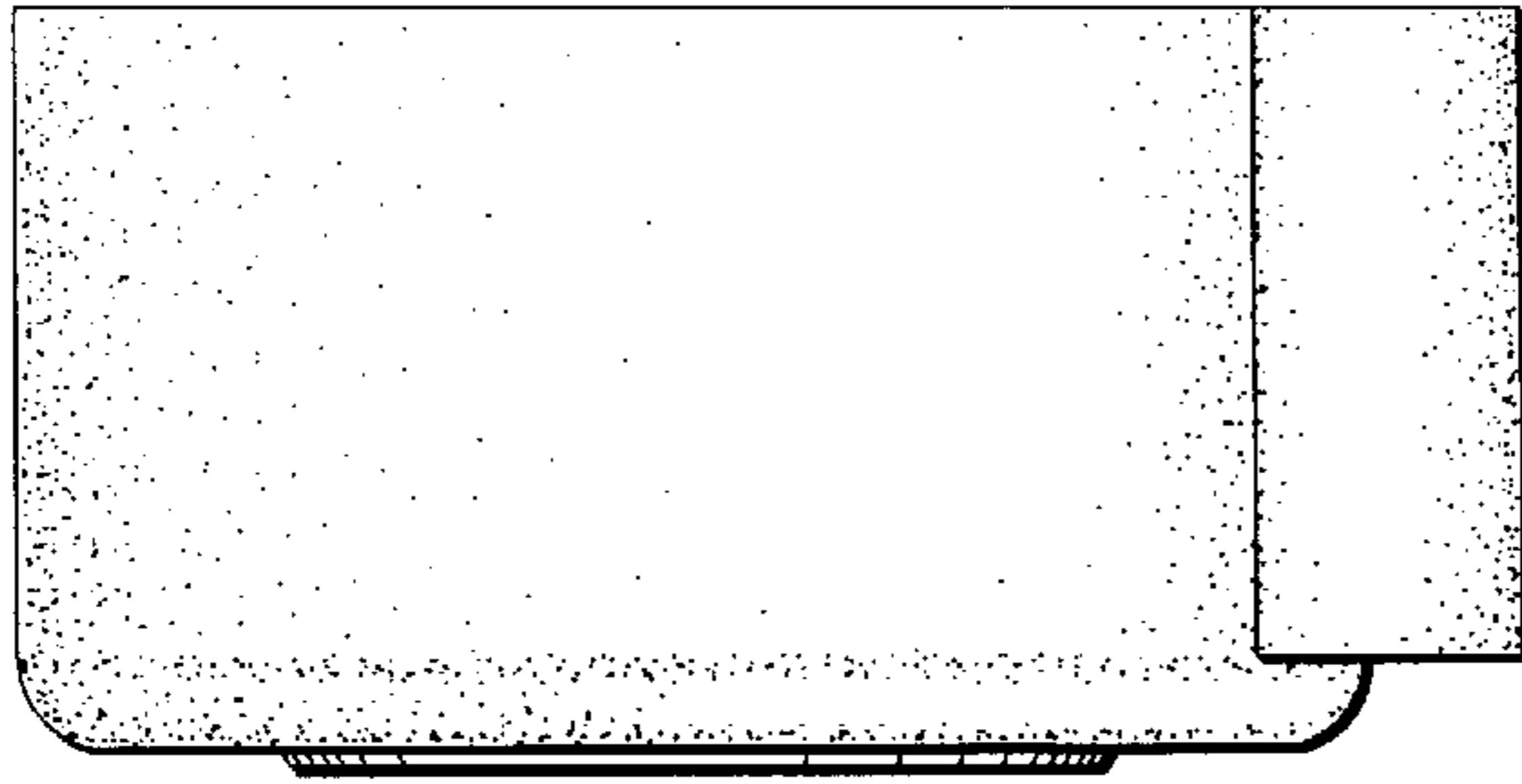


Fig. 4

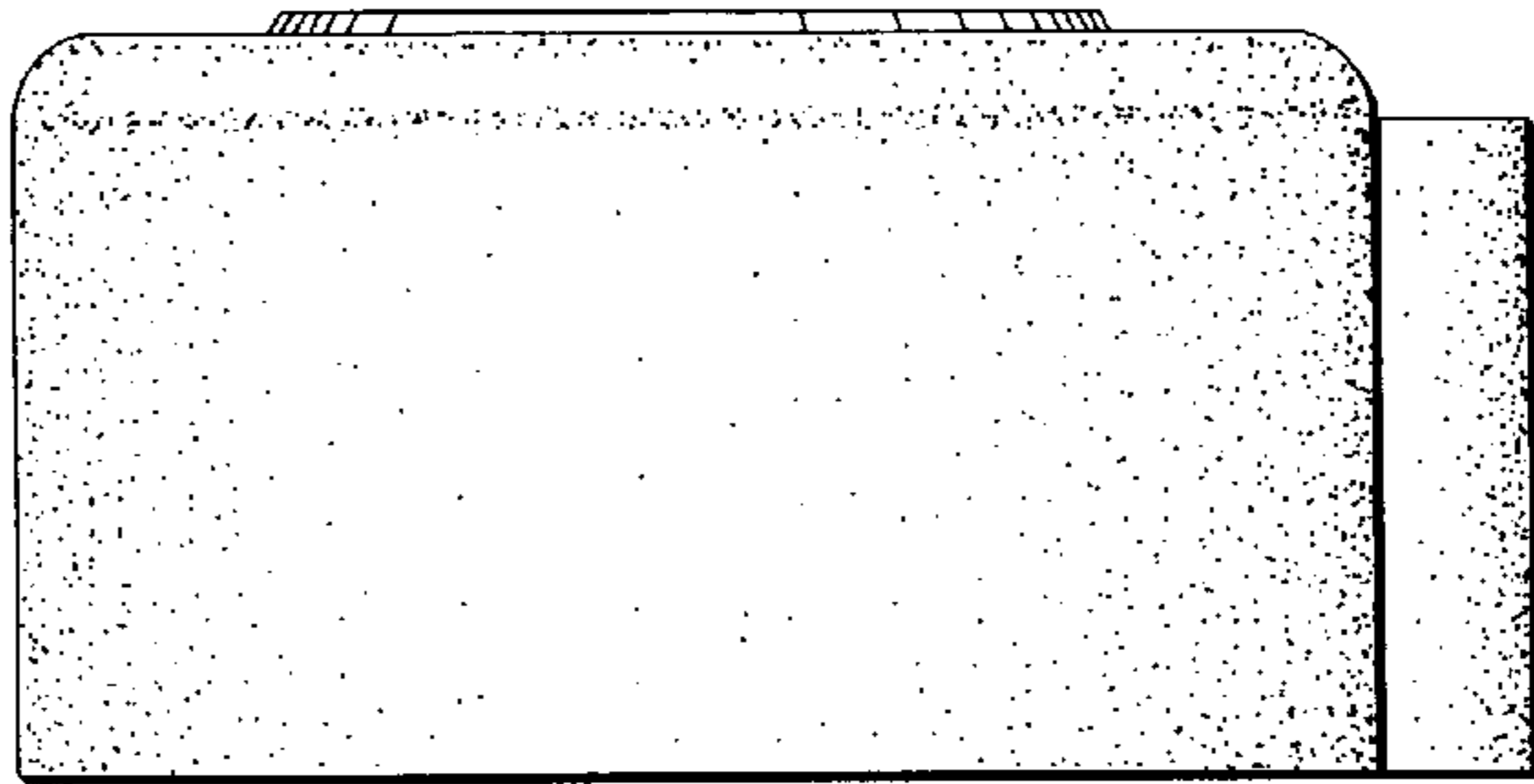


Fig. 5

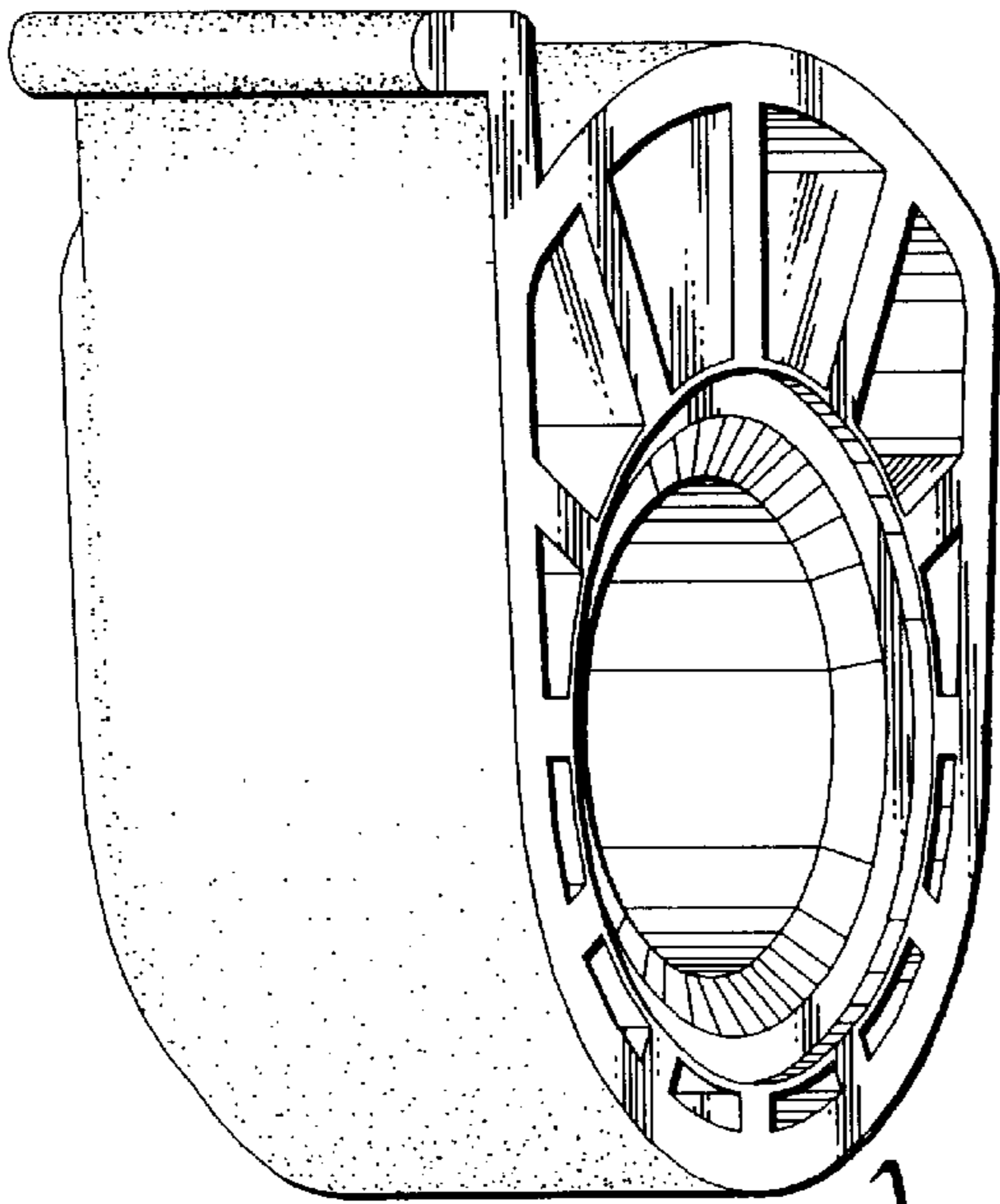


Fig. 6

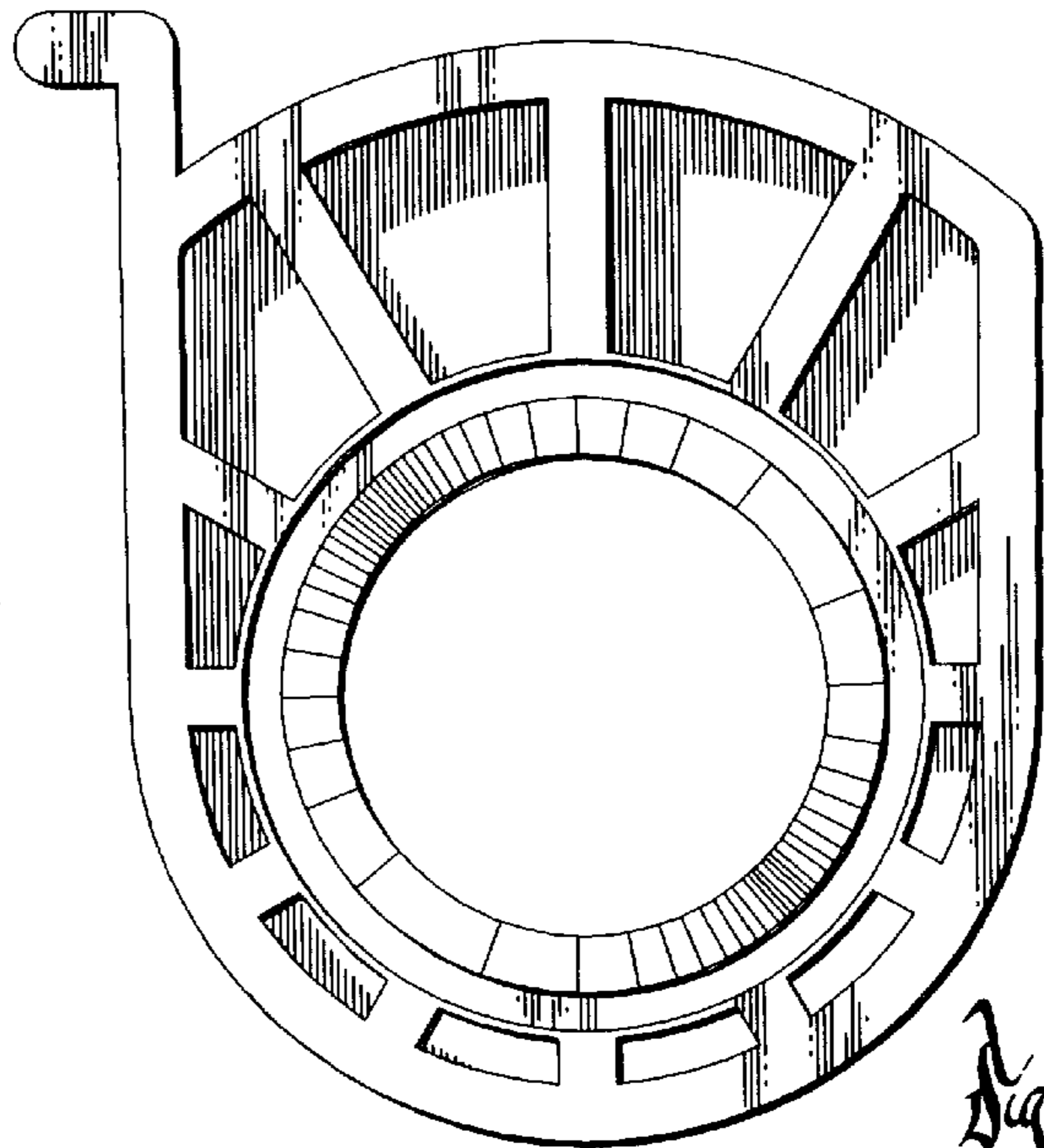


Fig. 7

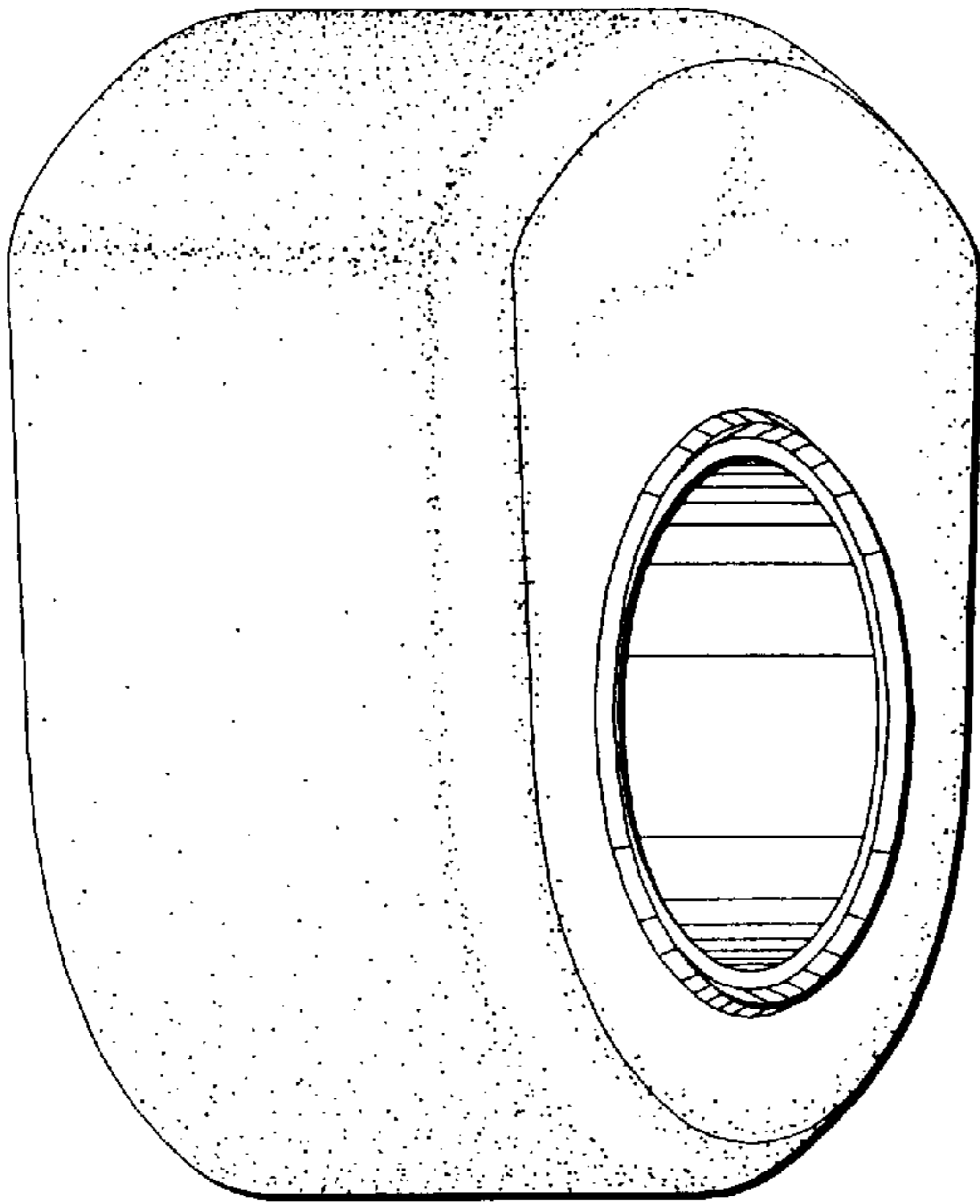


Fig. 8

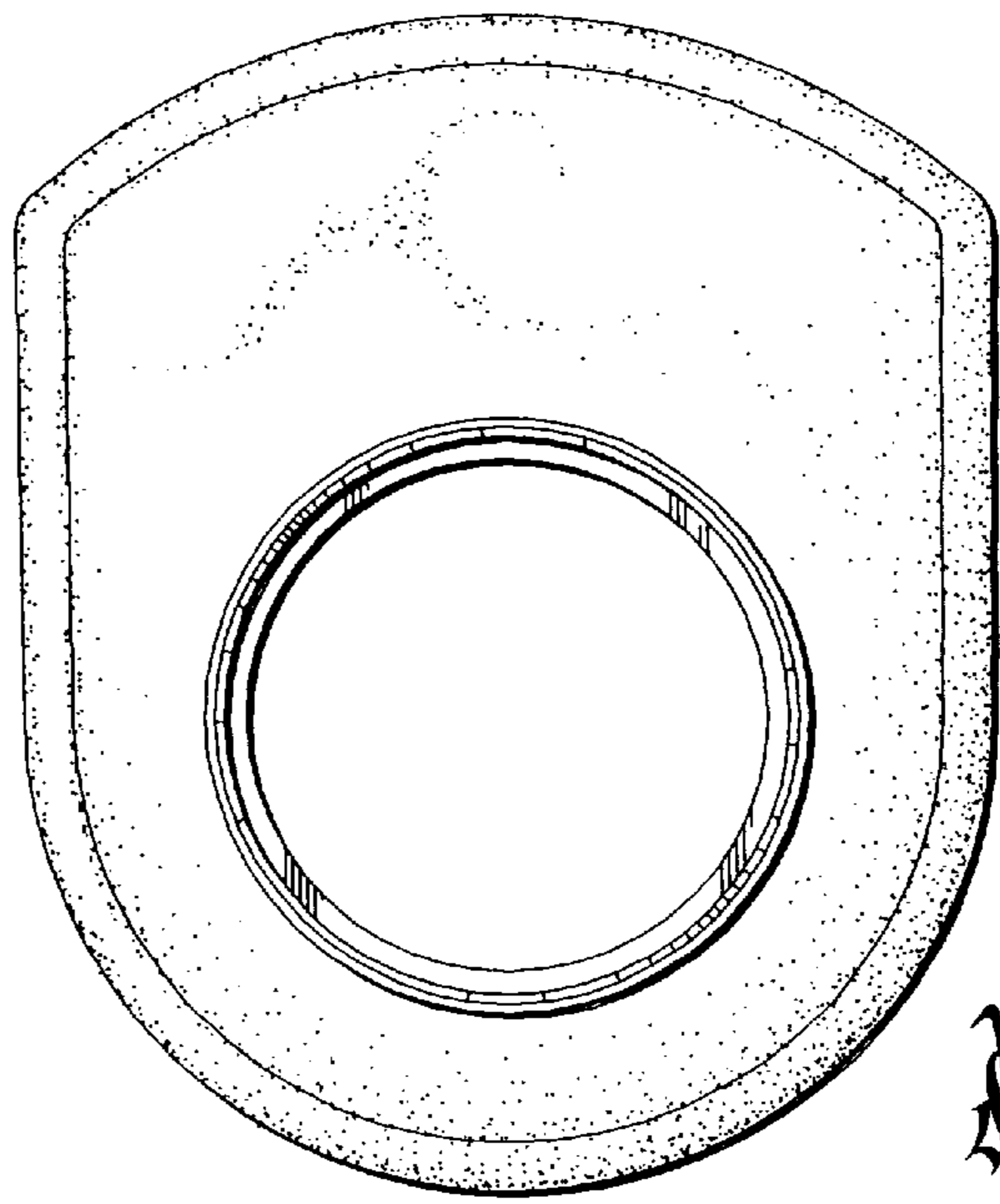


Fig. 9

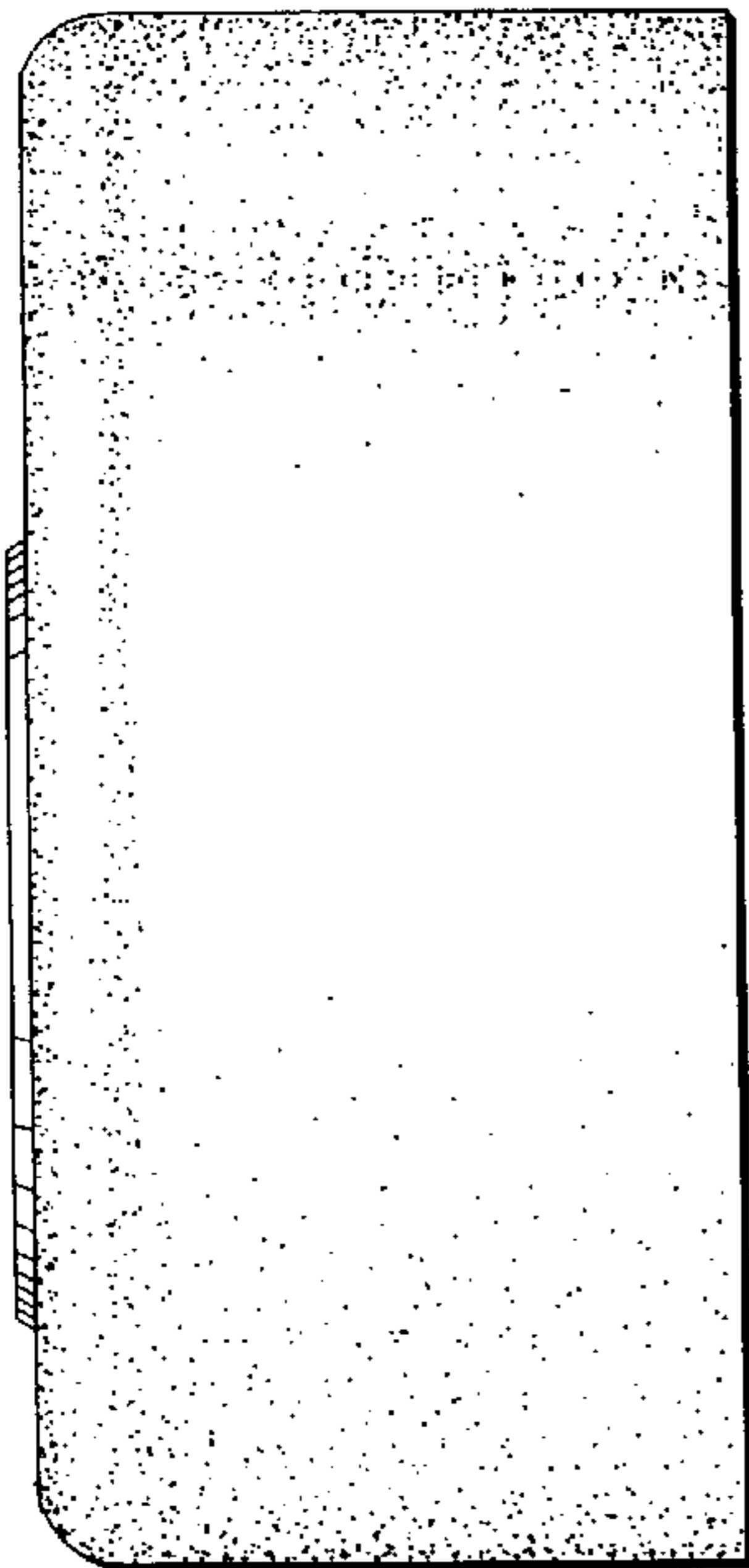


Fig. 10

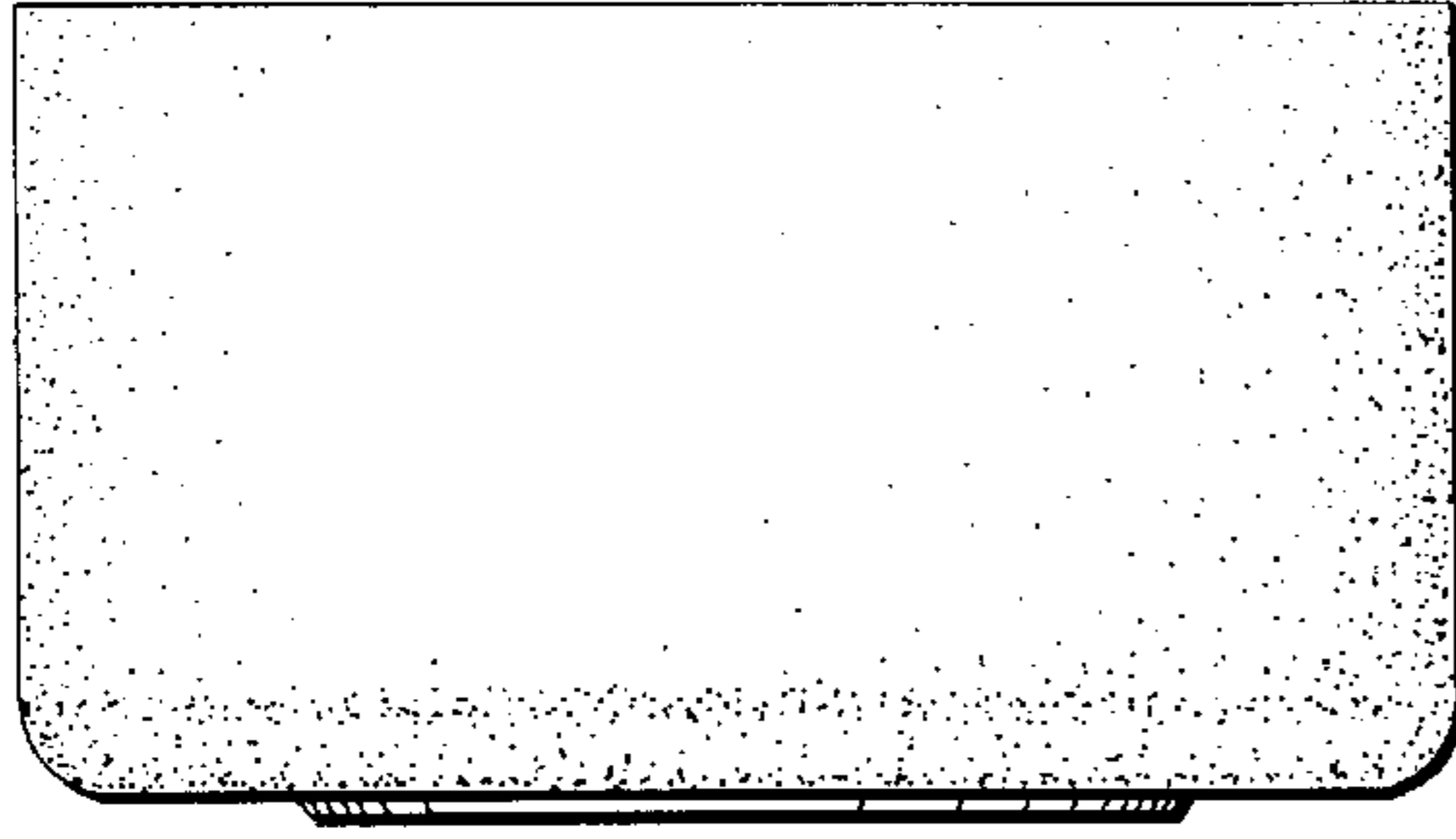


Fig. 11

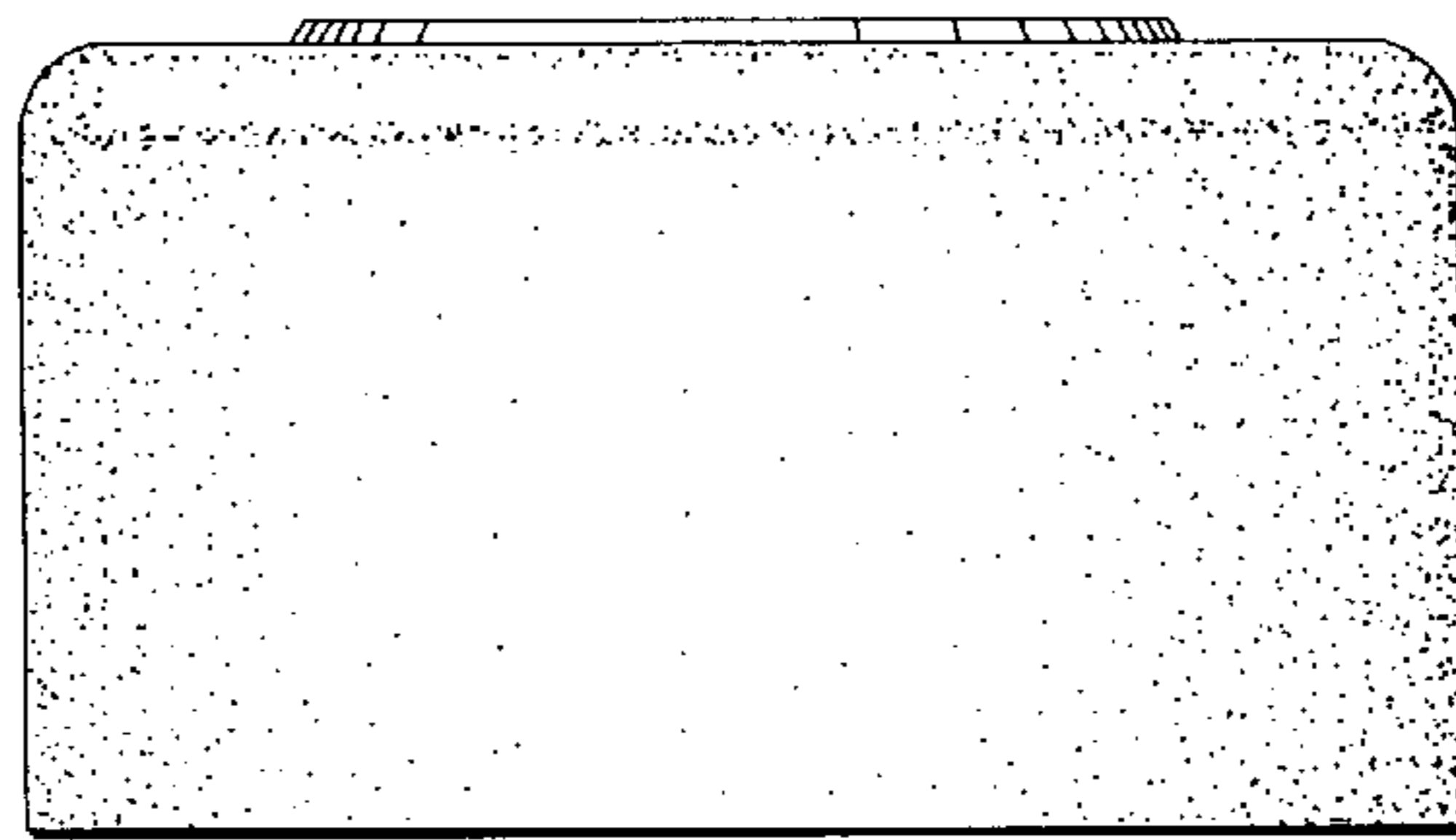


Fig. 12

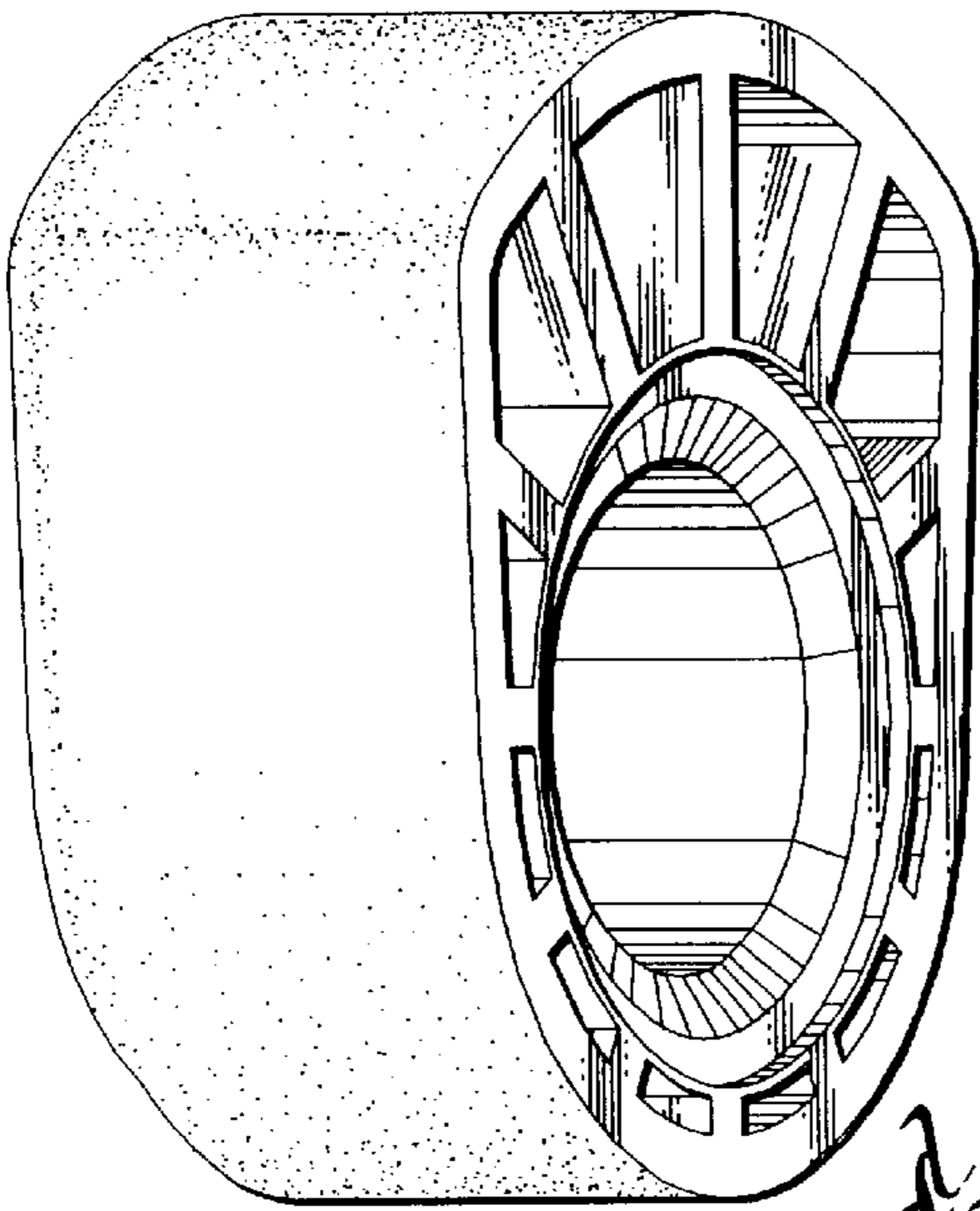


Fig. 13

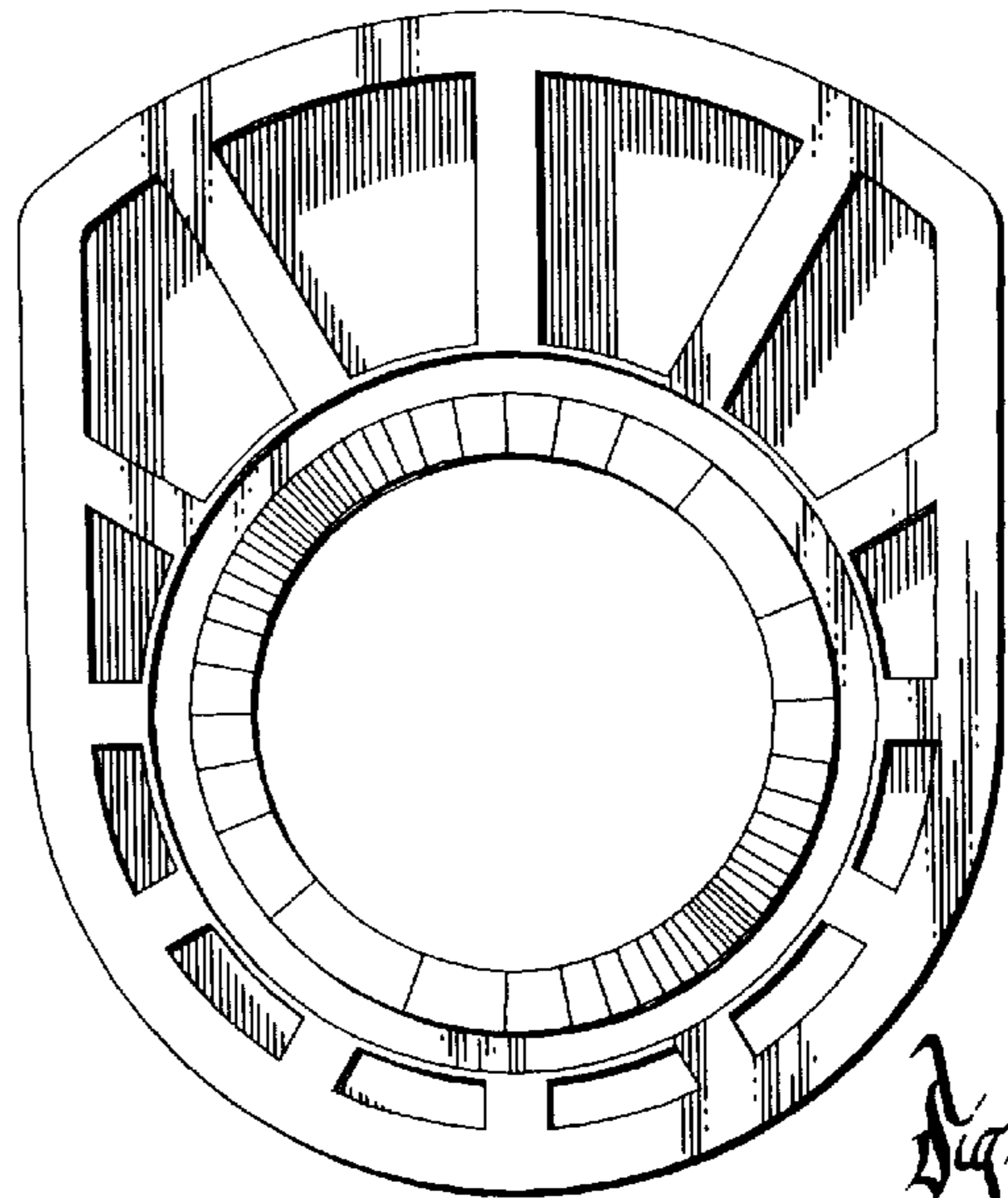


Fig. 14

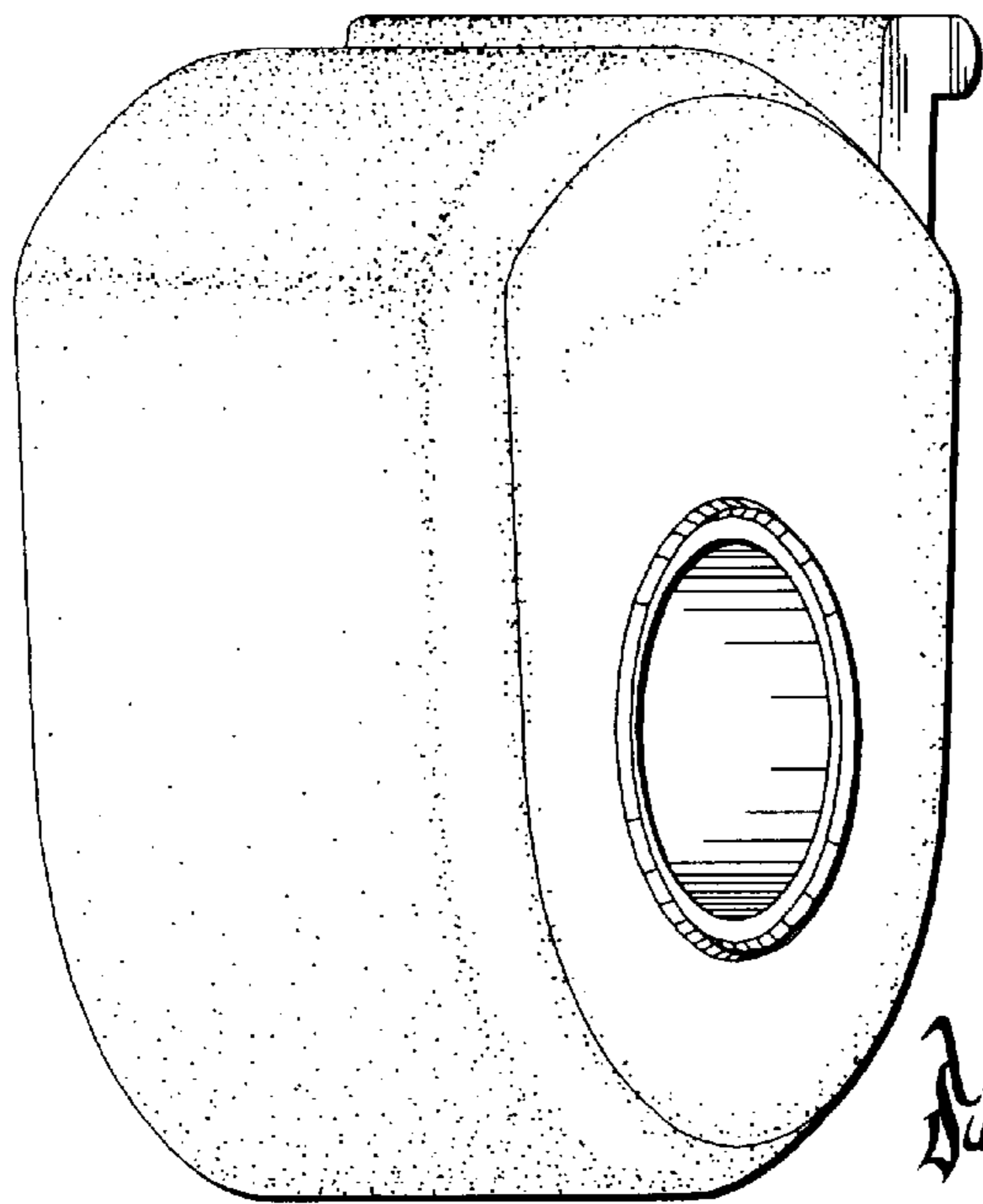


Fig. 15

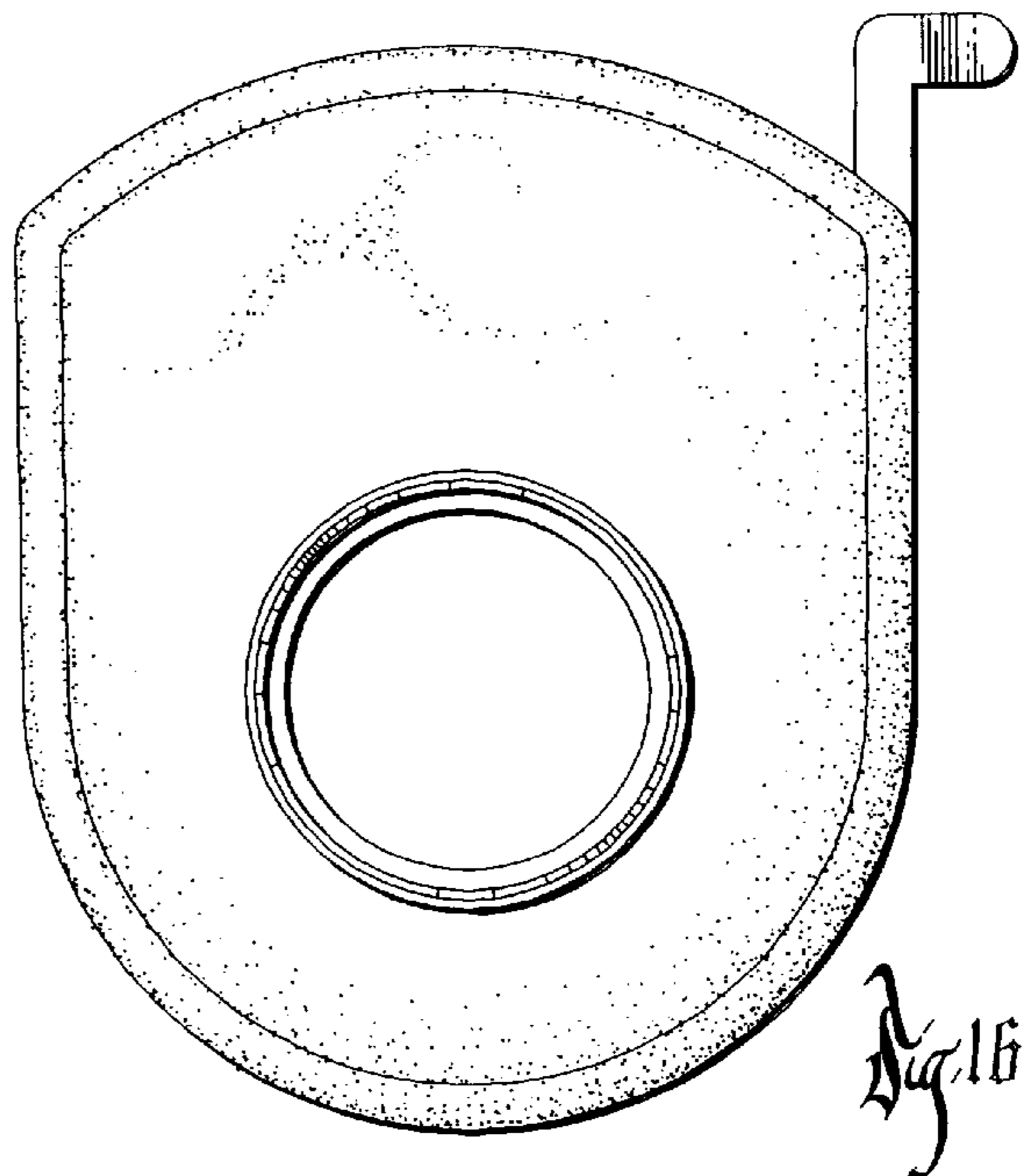


Fig. 16

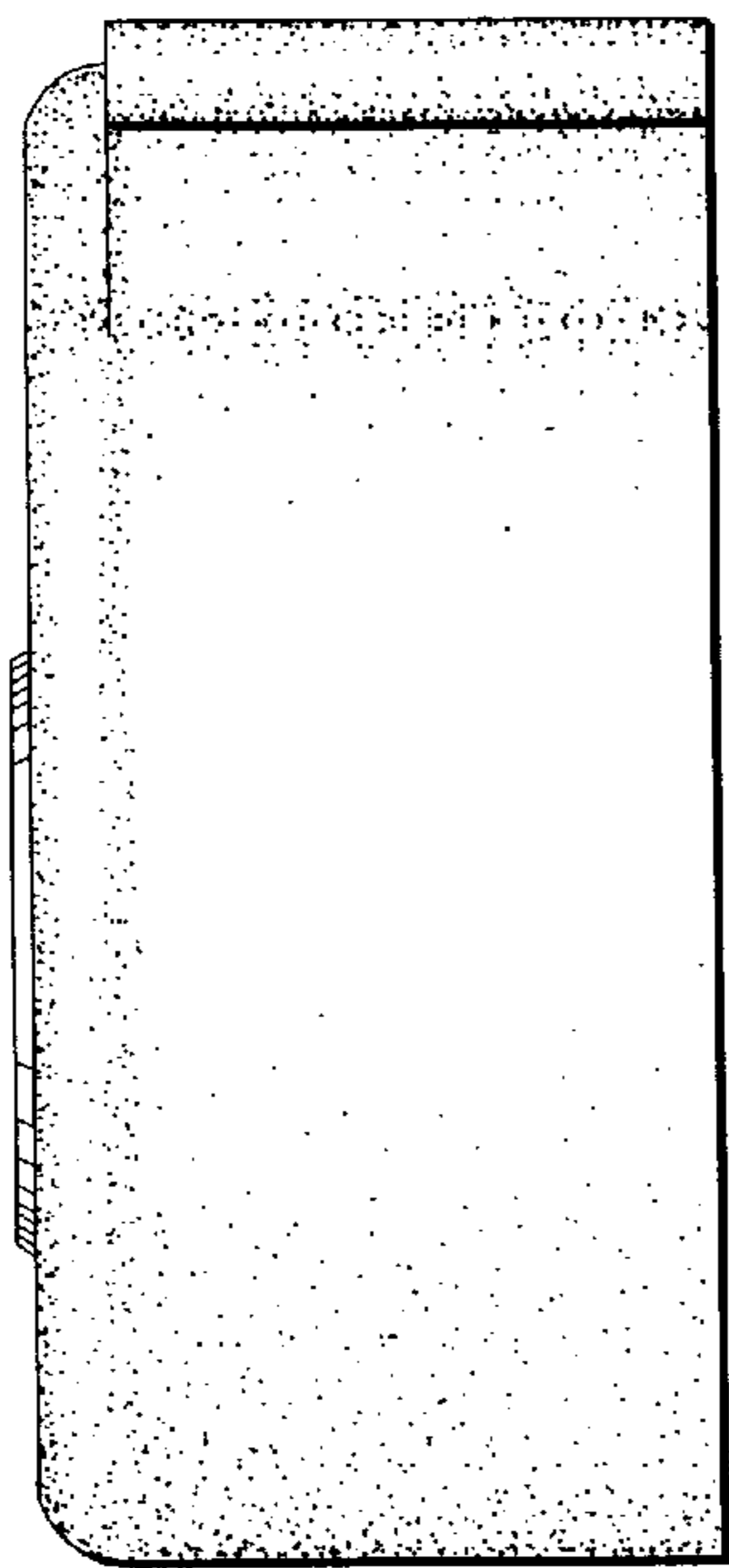


Fig. 17

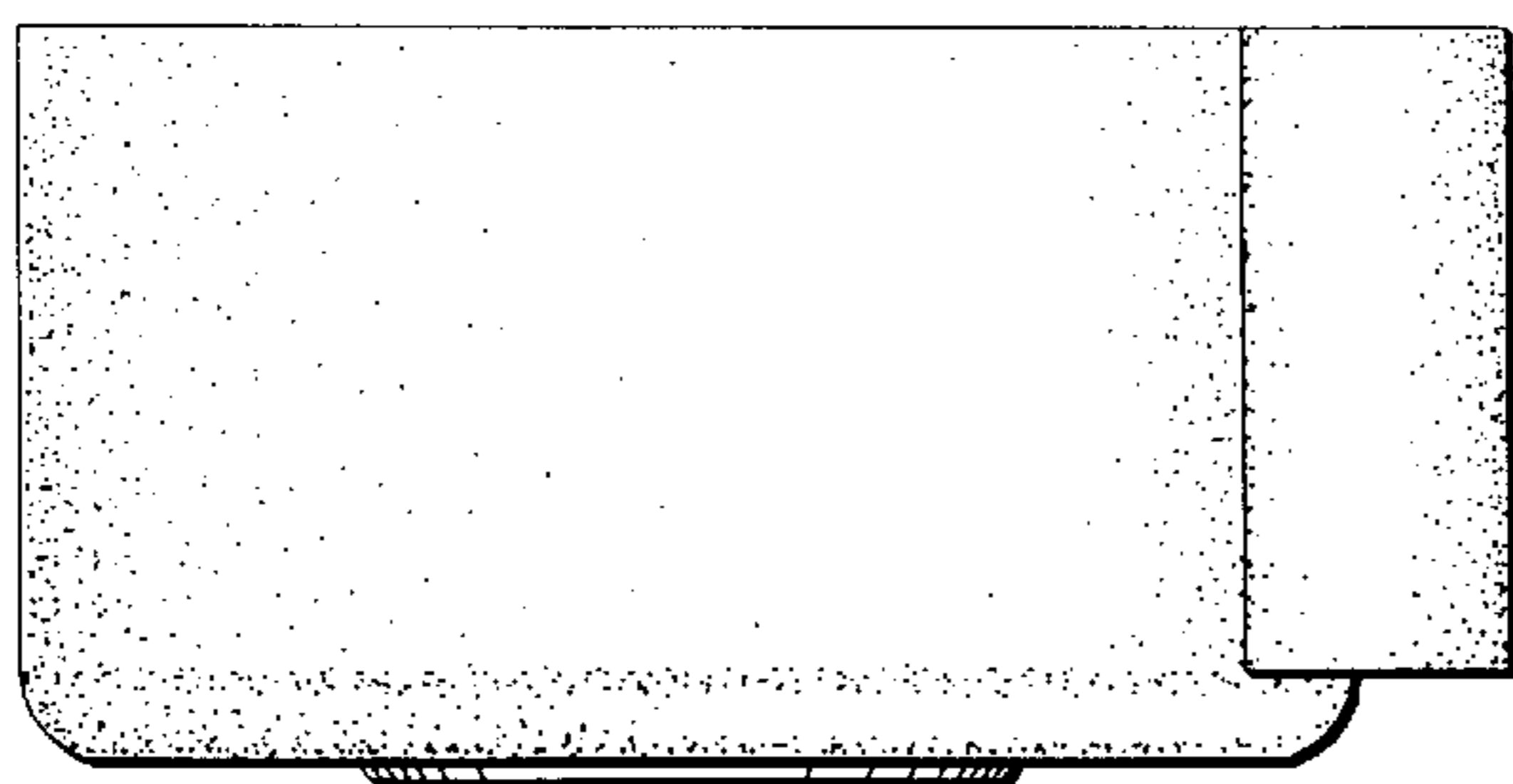


Fig. 18

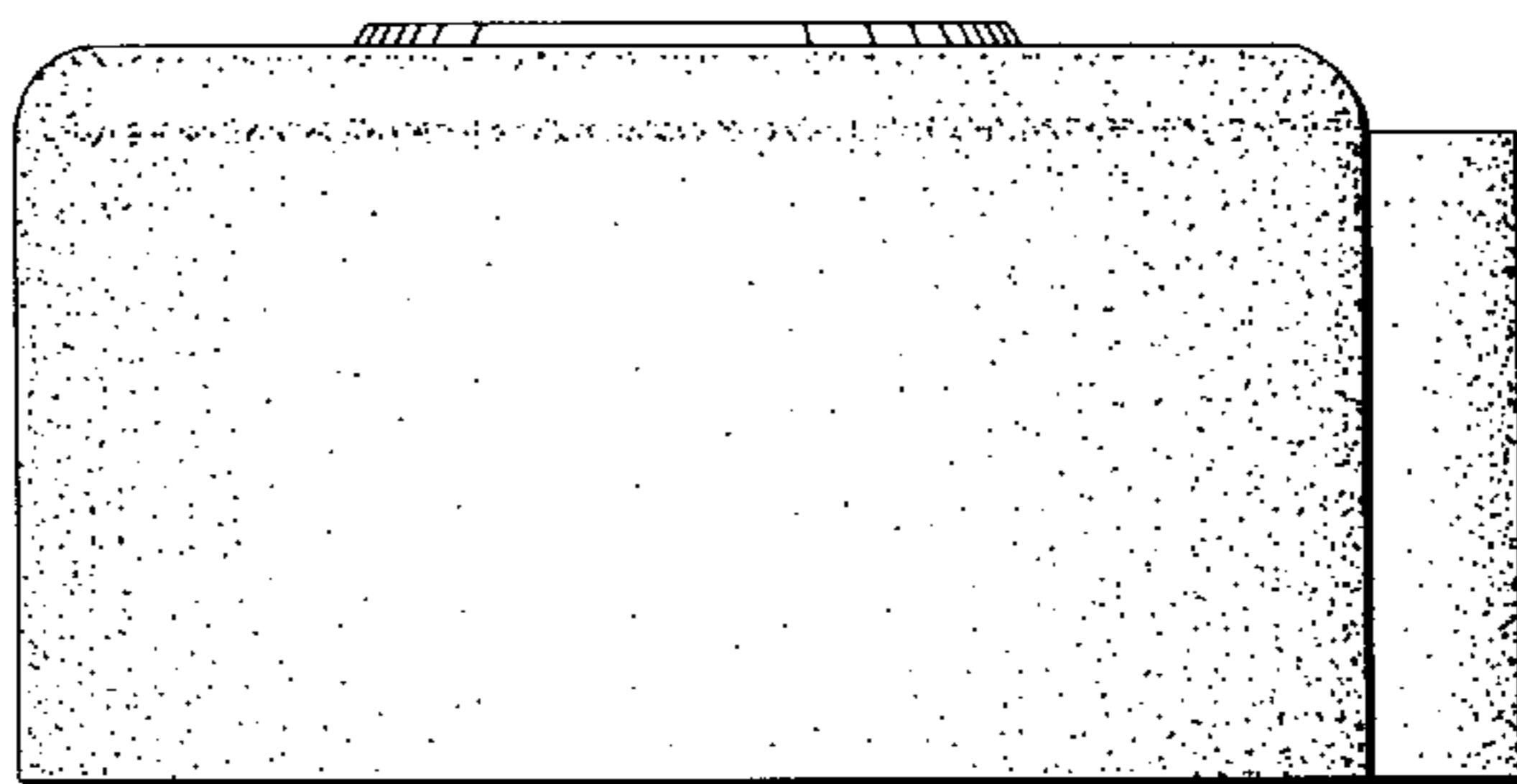


Fig. 19

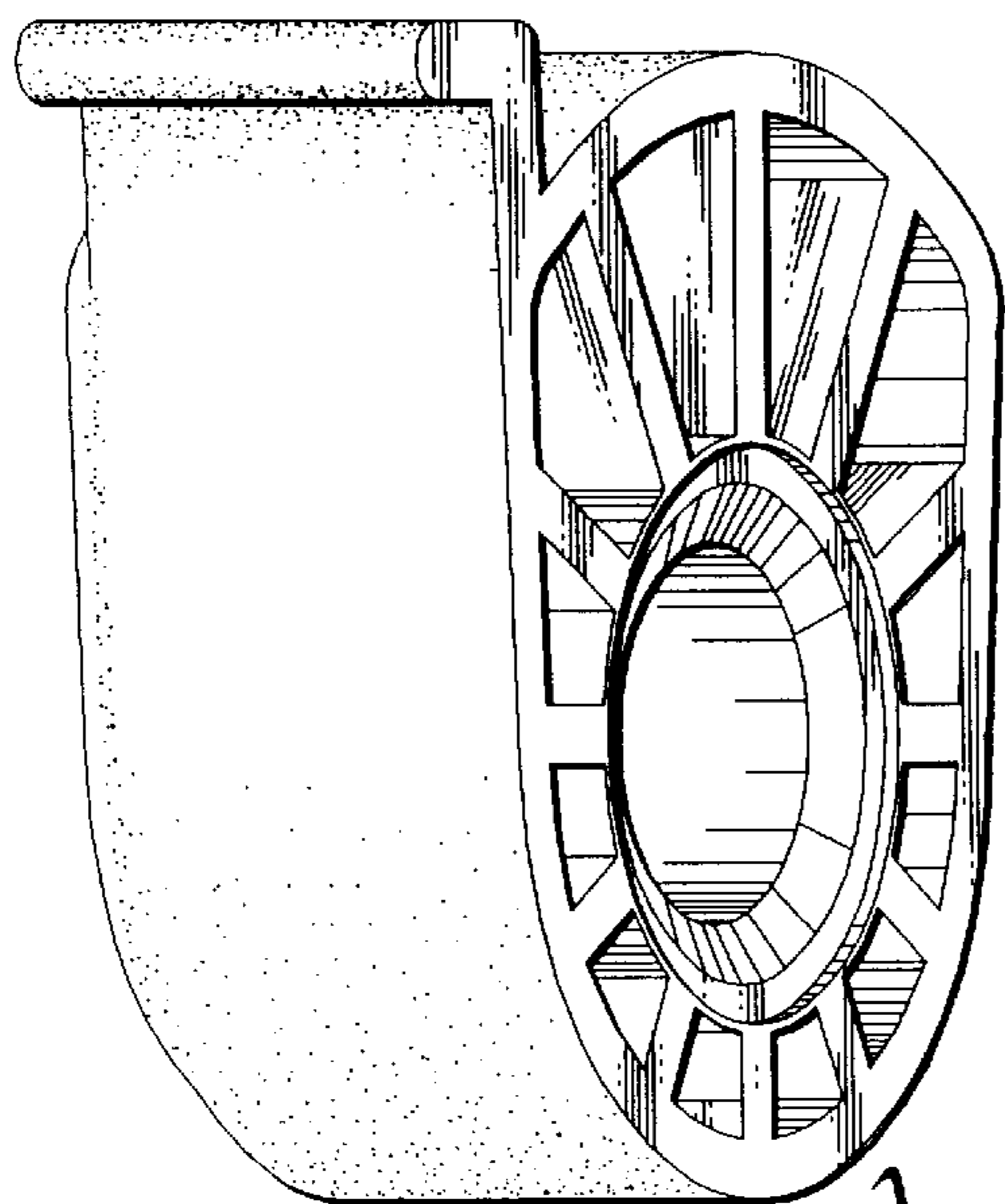


Fig. 20

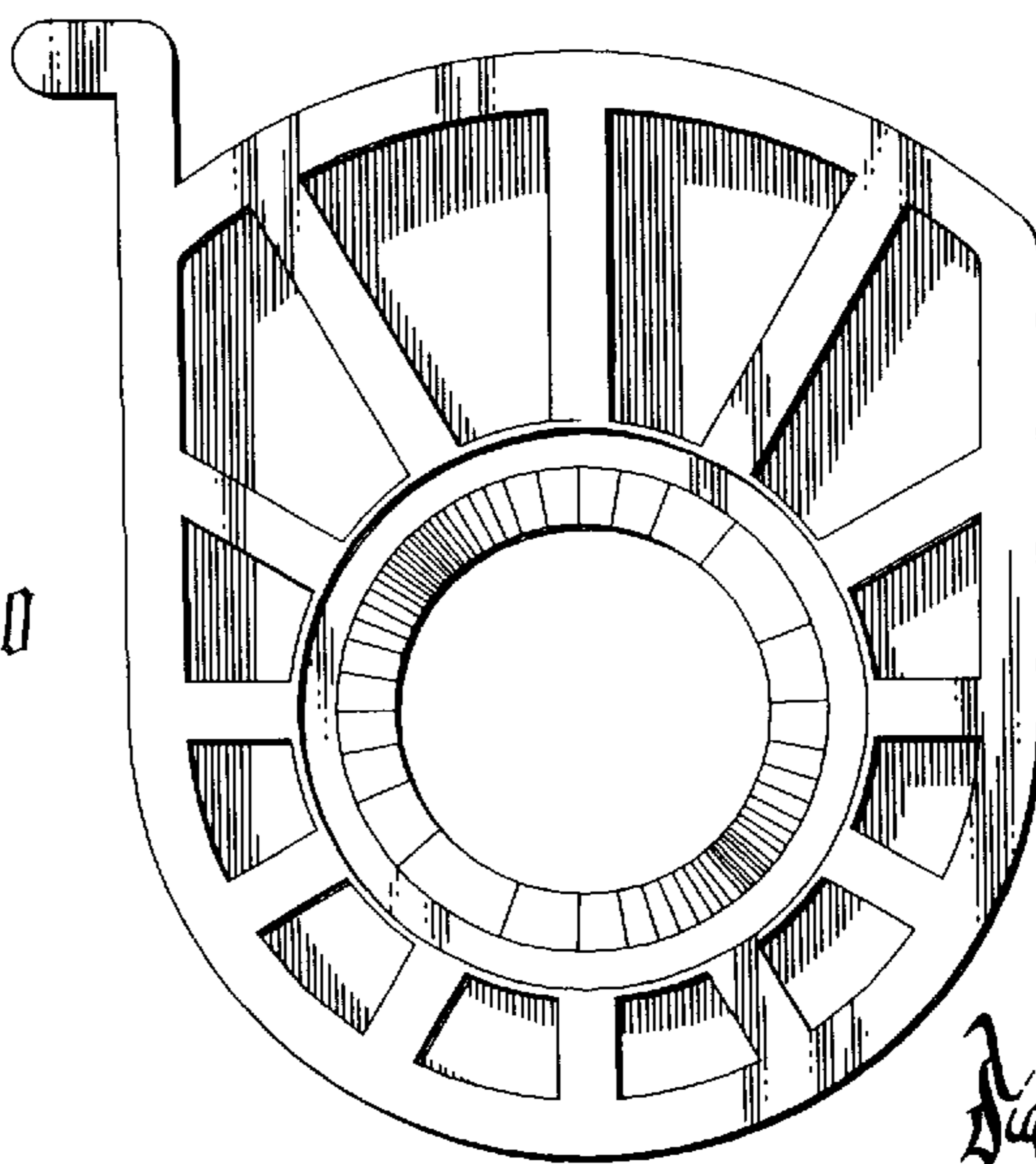


Fig. 21

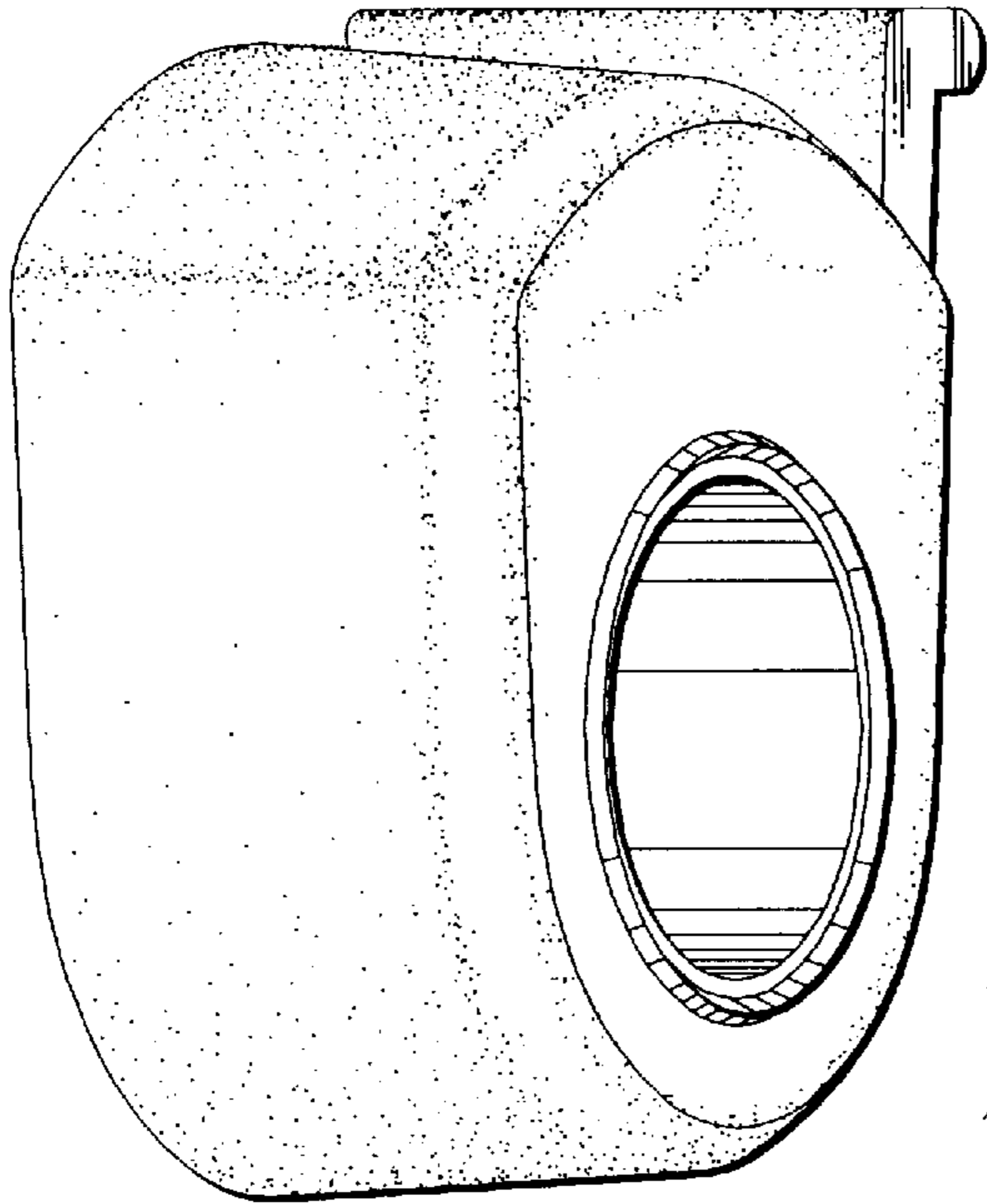


Fig. 22

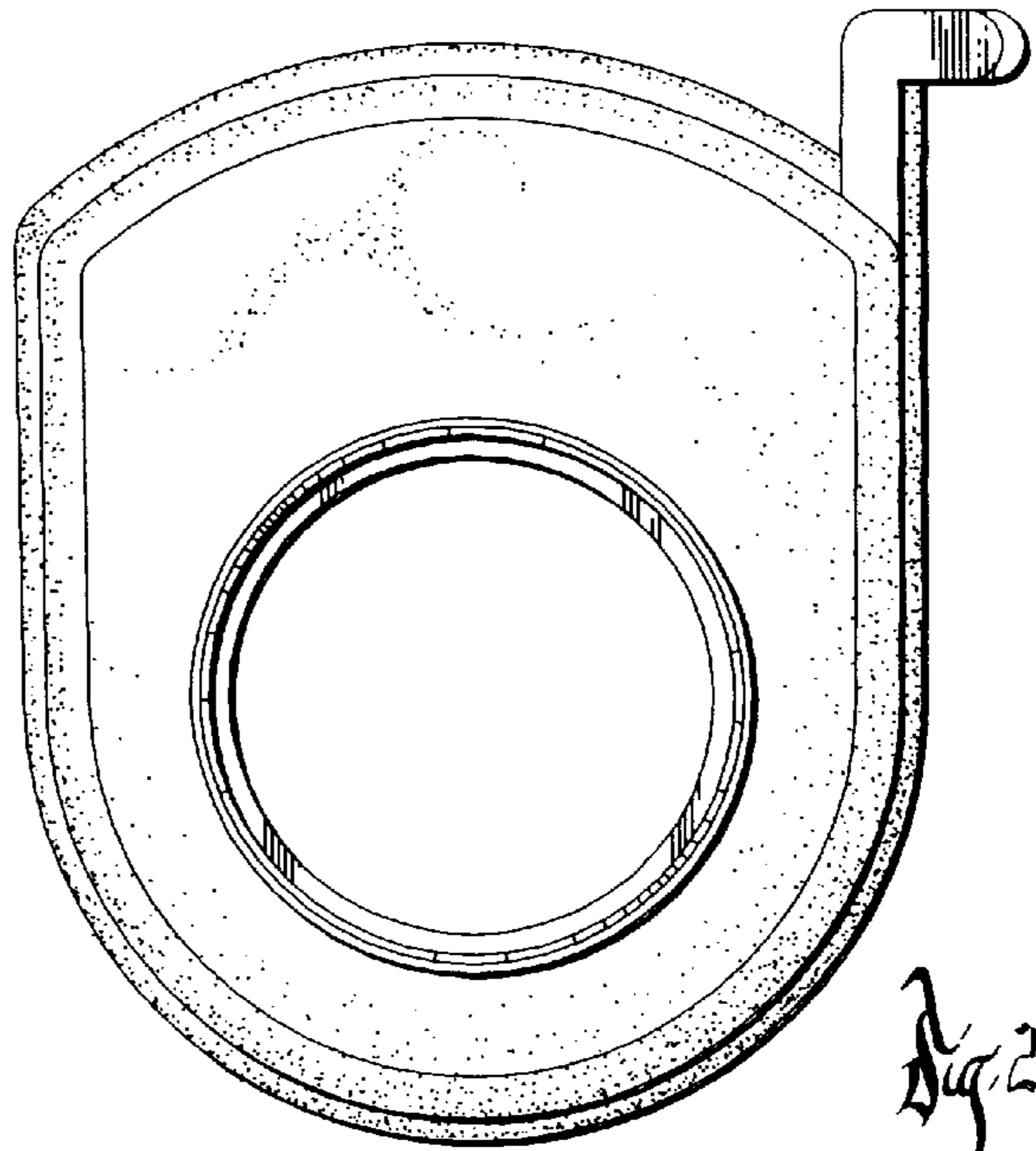


Fig. 23

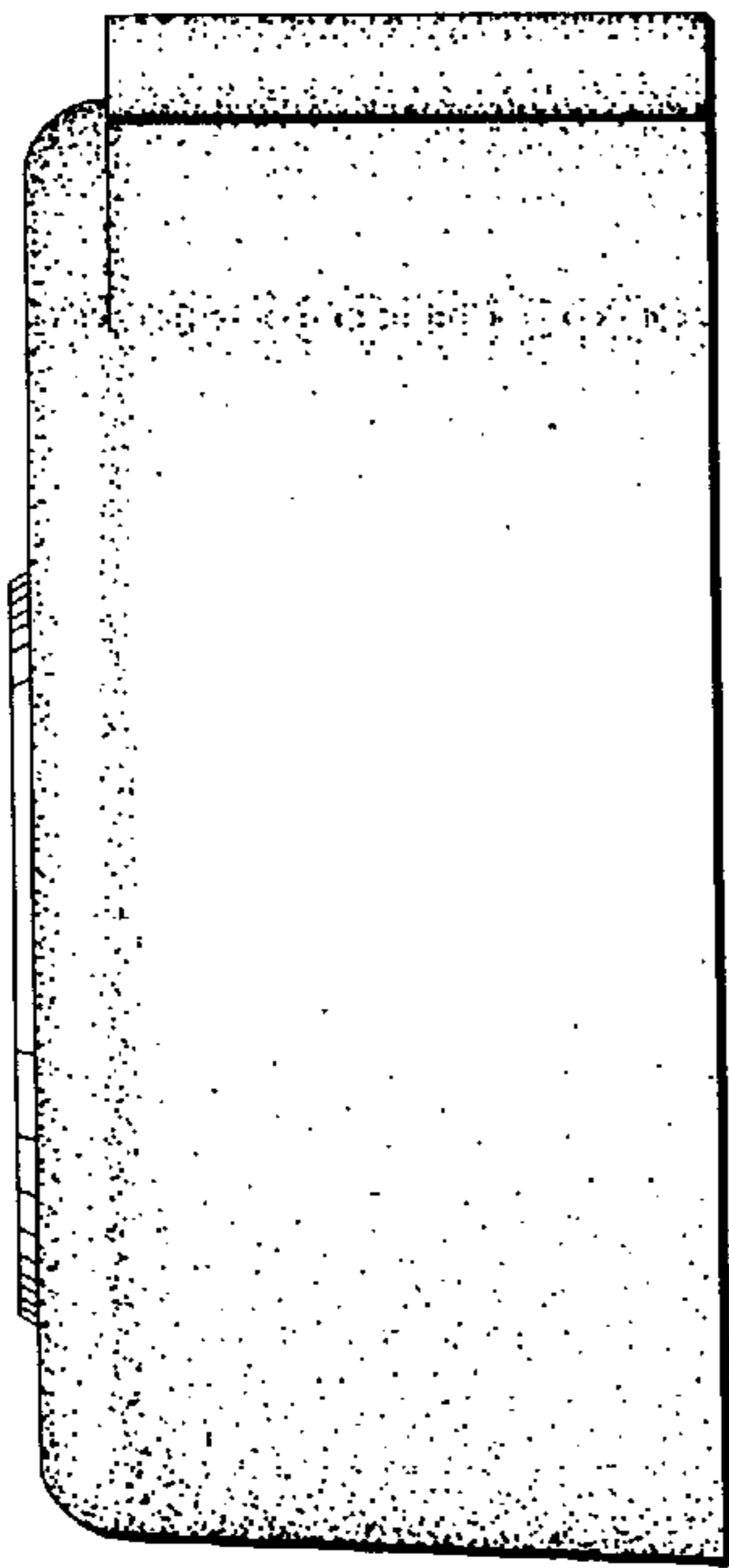


Fig. 24

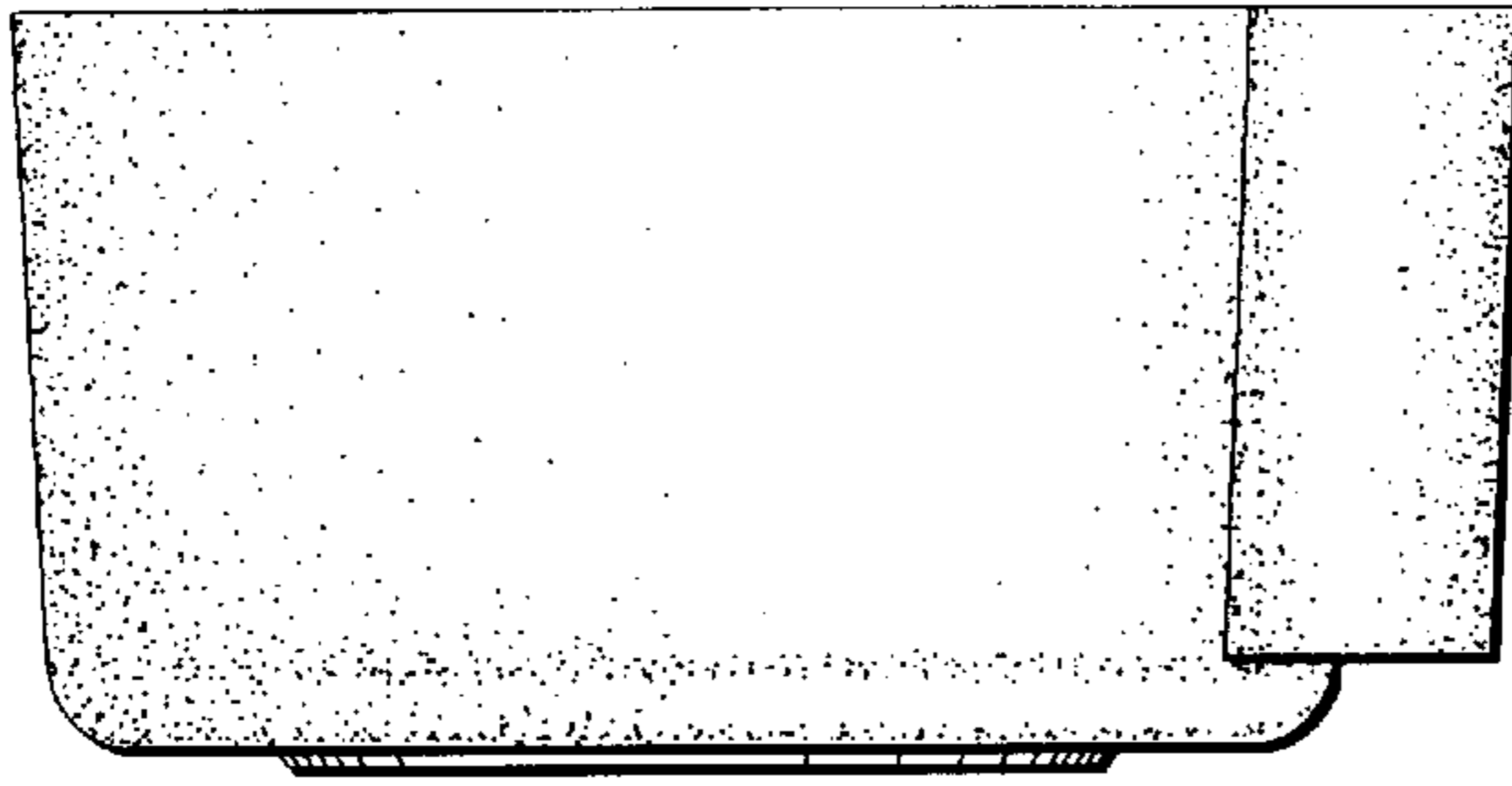


Fig. 25

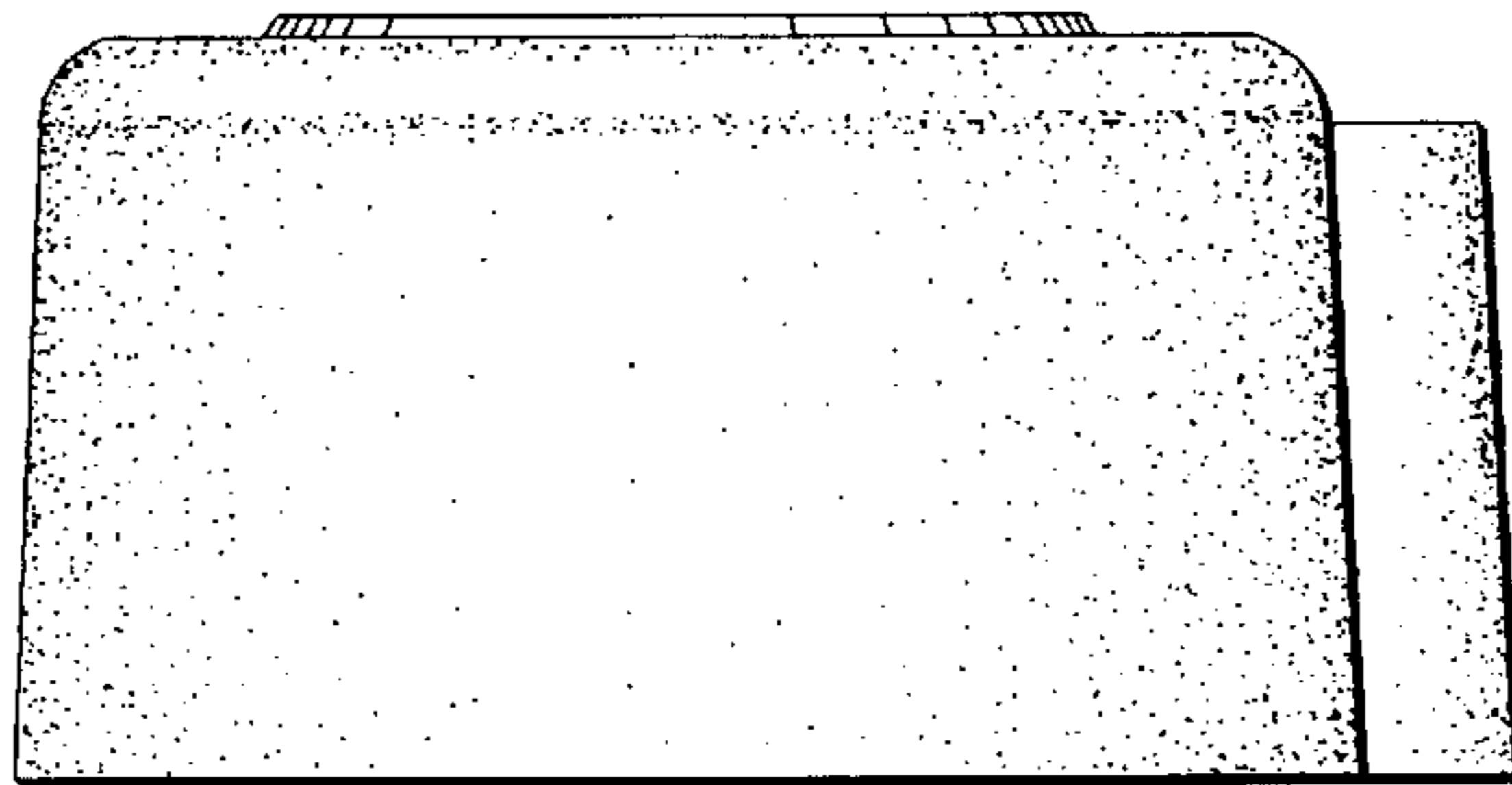


Fig. 26

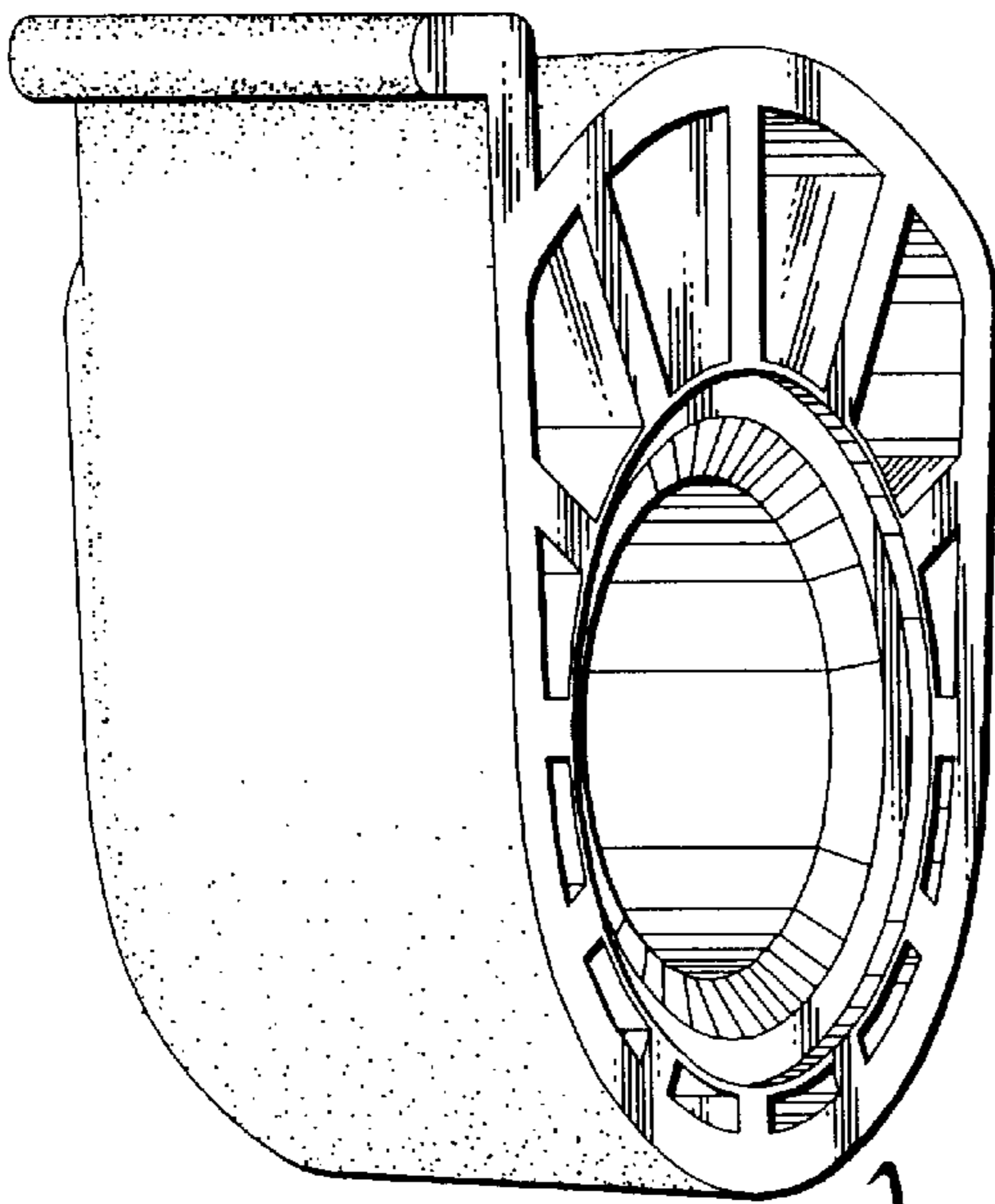


Fig. 27

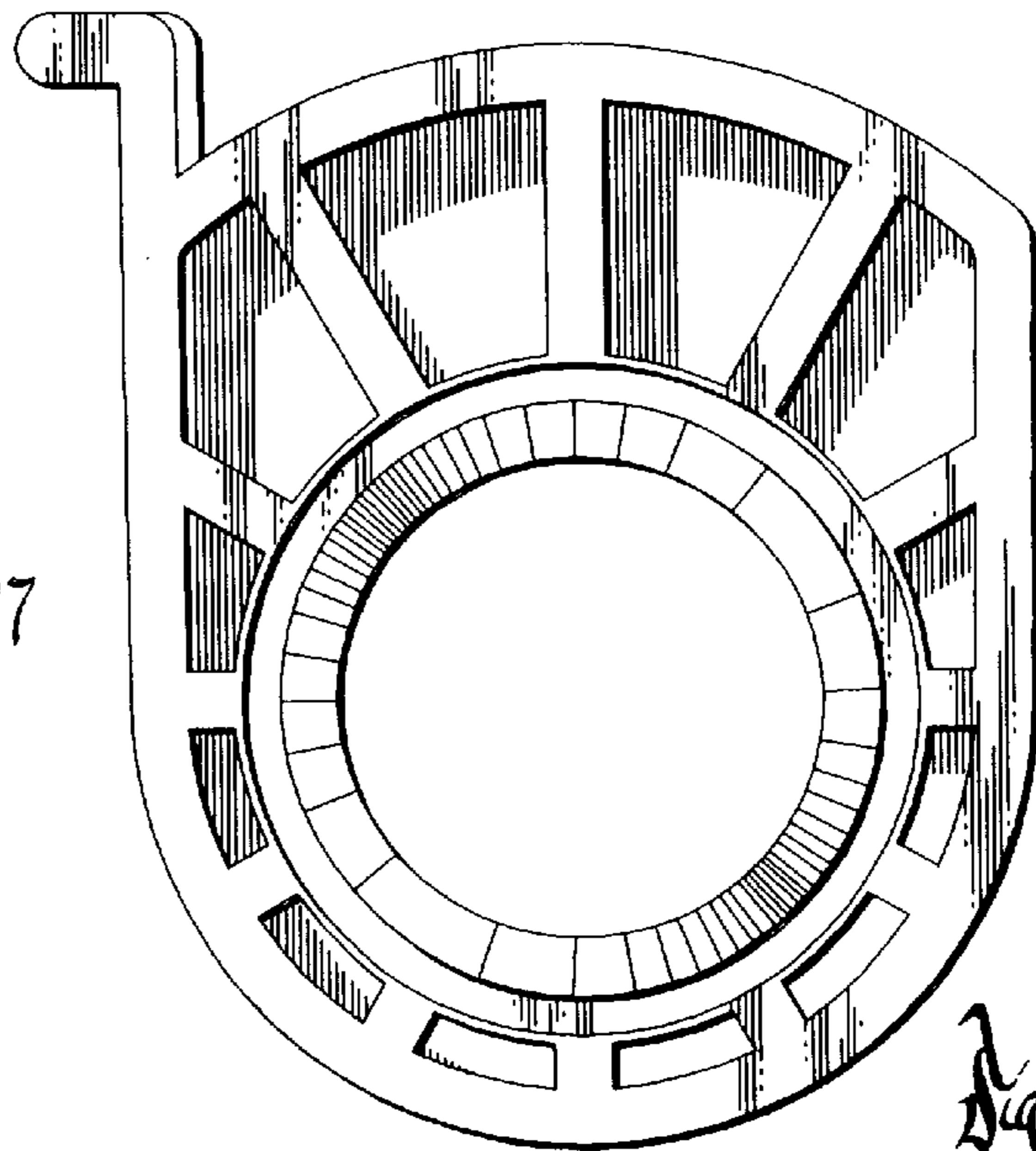


Fig. 28