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United States Patent [19]

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Kanemitsu et al.

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[54] PULLEY

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[73] Assignee: Kabushiki Kaisha Kanemitsu, Japan

[**] Term: 14 Years

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[30] Foreign Application Priority Data

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Dec. 12, 1990 [JP]	Japan	DES 2-41698
Dec. 19, 1990 [JP]	Japan	DES 2-42512

[52] U.S. Cl. D8/360

[58] Field of Search D8/360; 22/105; 29/159.12, 159.1; 72/105, 82; 474/169-170; 74/230.8

3,457,751	7/1969	Lindeman	72/105
3,722,309	3/1973	Shaffer	74/230.8
3,772,928	11/1973	Gobeille	74/230.7
3,838,485	10/1974	Oldford	29/159 R
3,907,371	9/1975	Luedi et al.	301/96
3,945,102	3/1976	Kotlar	29/159 R
3,953,995	5/1976	Haswell et al.	72/84
3,962,926	6/1976	Kotlar	74/230.8
3,977,264	8/1976	Sproul	74/230.8
3,994,181	11/1976	Sproul	74/230.8
4,050,321	9/1977	Kraft	74/230.8
4,059,023	11/1977	Sproul	74/230.3
4,078,410	3/1978	Lemmo	72/82
4,080,704	3/1978	Blakesley	29/159 R
4,083,215	4/1978	Guetzlaff	72/82
4,086,798	5/1978	Lemmo	72/82
4,197,756	4/1980	Yaros	74/230.3
4,273,547	6/1981	Bytzer	474/170
4,313,323	2/1982	Kanemitsu	72/84
4,455,853	6/1984	Kanemitsu	72/84
4,518,374	5/1985	Kanemitsu	474/170
4,525,595	6/1985	Harriman	174/35 GC
4,551,122	11/1985	Kraft et al.	474/170

[56] References Cited

U.S. PATENT DOCUMENTS

D. 266.982	11/1982	Kanemitsu	D8/360
D. 266.983	11/1982	Kanemitsu	D8/360
D. 266.984	11/1982	Kanemitsu	D8/360
D. 267.472	1/1983	Kanemitsu	D8/360
D. 267.540	1/1983	Kanemitsu	D8/360
D. 267.541	1/1983	Kanemitsu	D8/360
D. 268.092	3/1983	Kanemitsu	D8/360
D. 275.176	8/1984	Kanemitsu	D8/360
D. 275.365	9/1984	Kanemitsu	D8/360
D. 276.409	11/1984	Kanemitsu	D8/360
D. 277.547	2/1985	Kanemitsu	D8/360
D. 294.675	3/1988	Kanemitsu	D8/360
D. 297.707	9/1988	Kanemitsu	D8/360
D. 308.012	5/1990	Kanemitsu	D8/360
D. 308.013	5/1990	Kanemitsu	D8/360
D. 313.932	1/1991	Kanemitsu	D8/360
D. 317.709	6/1991	Kanemitsu	D8/360
D. 320.927	10/1991	Kanemitsu	D8/360
2,139,833	12/1938	Jeune et al.	29/159.1
2,471,906	5/1949	Smith	74/230.3
2,656,730	10/1953	Mitchell	74/230.8
2,787,914	4/1957	Nelson	74/230.8
2,878,551	3/1959	Woodward	29/159.1
3,368,376	2/1968	Previte	72/82

FOREIGN PATENT DOCUMENTS

2822056	11/1979	Fed. Rep. of Germany
508176	1/1954	Italy
550813	1/1956	Japan
54-11260	1/1979	Japan
587748	2/1980	Japan
56-143863	11/1981	Japan
57-90459	6/1982	Japan
57-195551	12/1982	Japan
58-128564	8/1983	Japan
58-163538	9/1983	Japan
59-13535	1/1984	Japan

Primary Examiner—Wallace R. Burke
 Assistant Examiner—H. Baynham
 Attorney, Agent, or Firm—Jones, Tullar & Cooper

[57] CLAIM

The ornamental design for a pulley, as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of a pulley showing our new design with the rear and side elevational view being mirror images;
 FIG. 2 is a top plan view thereof;

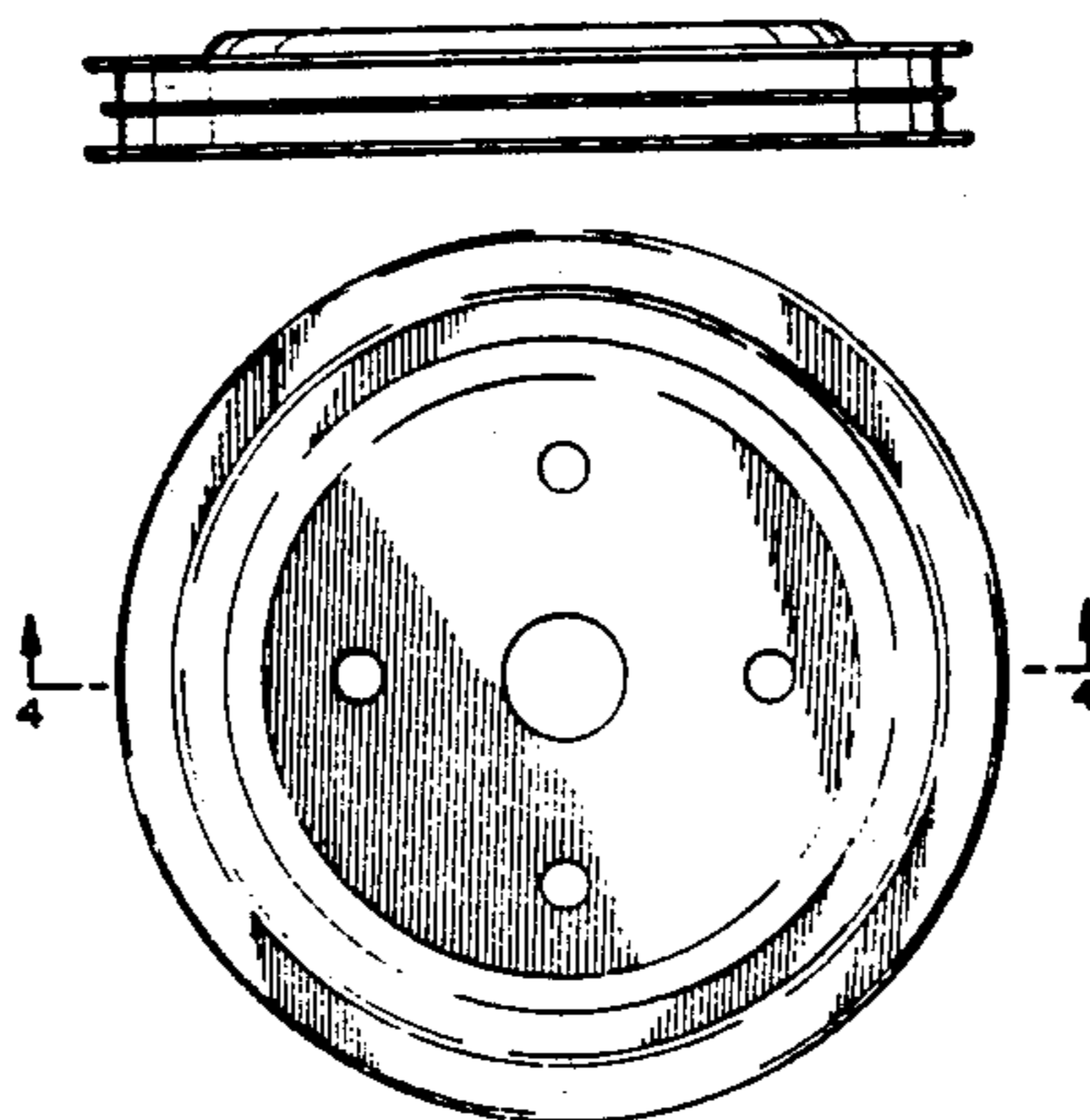


FIG. 3 is a bottom plan view thereof;
FIG. 4 is a sectional view thereof taken along line 4—4 of FIG. 2;
FIG. 5 is a front elevational view of a second embodiment of the design shown in FIG. 1 with the rear and side views being mirror images;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view thereof;
FIG. 8 is a sectional view thereof taken along line 8—8 of FIG. 6;
FIG. 9 is a front elevational view of a third embodiment of the design shown in FIG. 1 with the rear and side views being mirror images;
FIG. 10 is a top plan view thereof;
FIG. 11 is a bottom plan view thereof;

FIG. 12 is a sectional view thereof taken along line 12—12 of FIG. 10;
FIG. 13 is a front elevational view of a fourth embodiment of the design shown in FIG. 1;
FIG. 14 is a top plan view thereof;
FIG. 15 is a bottom plan view thereof;
FIG. 16 is a sectional view thereof taken along line 16—16 of FIG. 14;
FIG. 17 is a front elevational view of a fifth embodiment of the design shown in FIG. 1 with the rear and side elevational views being mirror images;
FIG. 18 is a top plan view thereof;
FIG. 19 is a bottom plan view thereof; and,
FIG. 20 is a sectional view thereof taken along line 20—20 of FIG. 18.

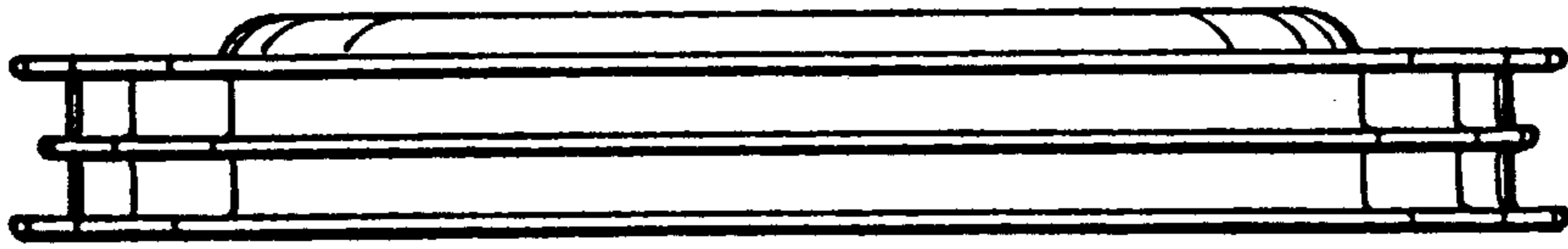


FIG. 1

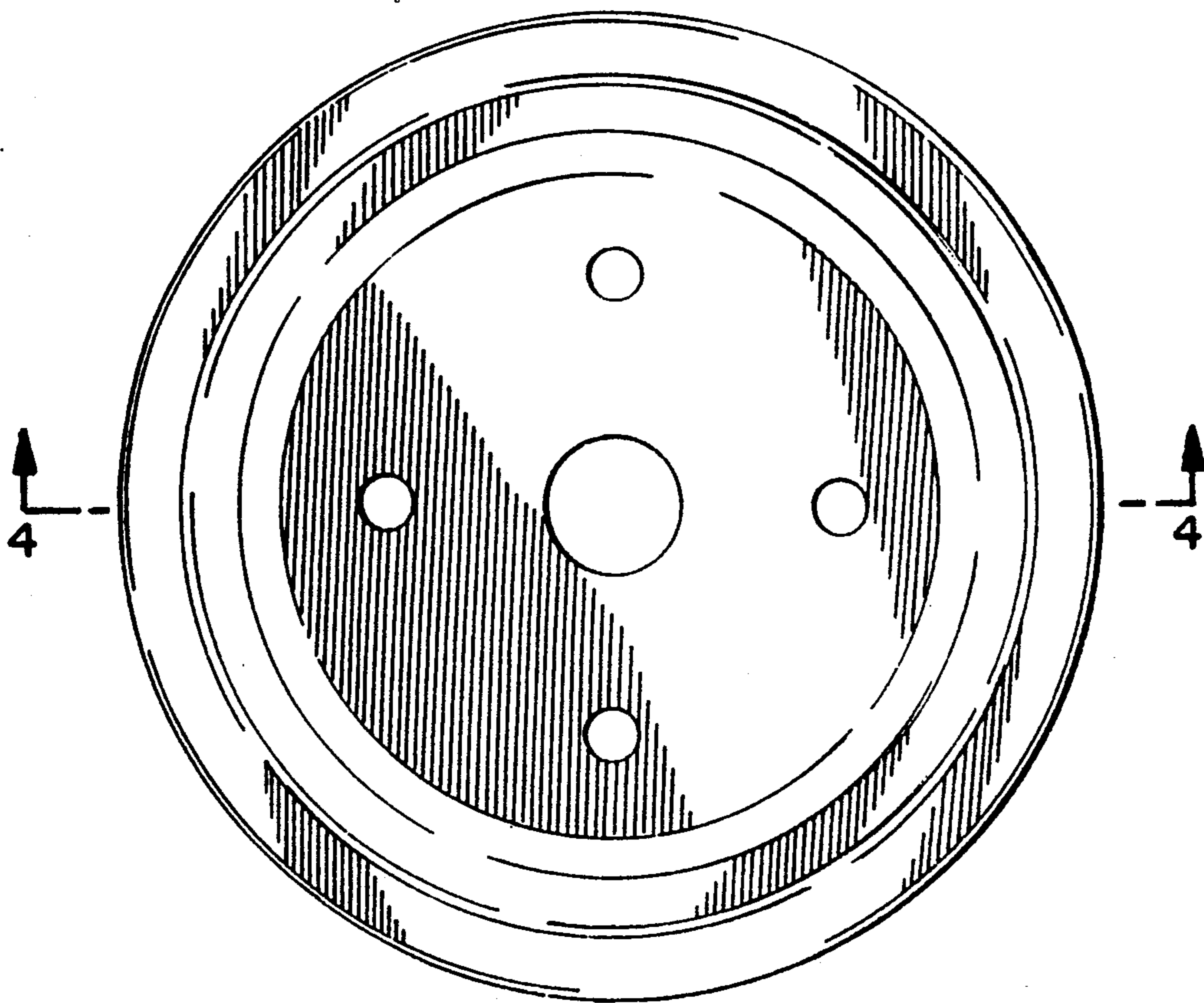


FIG. 2

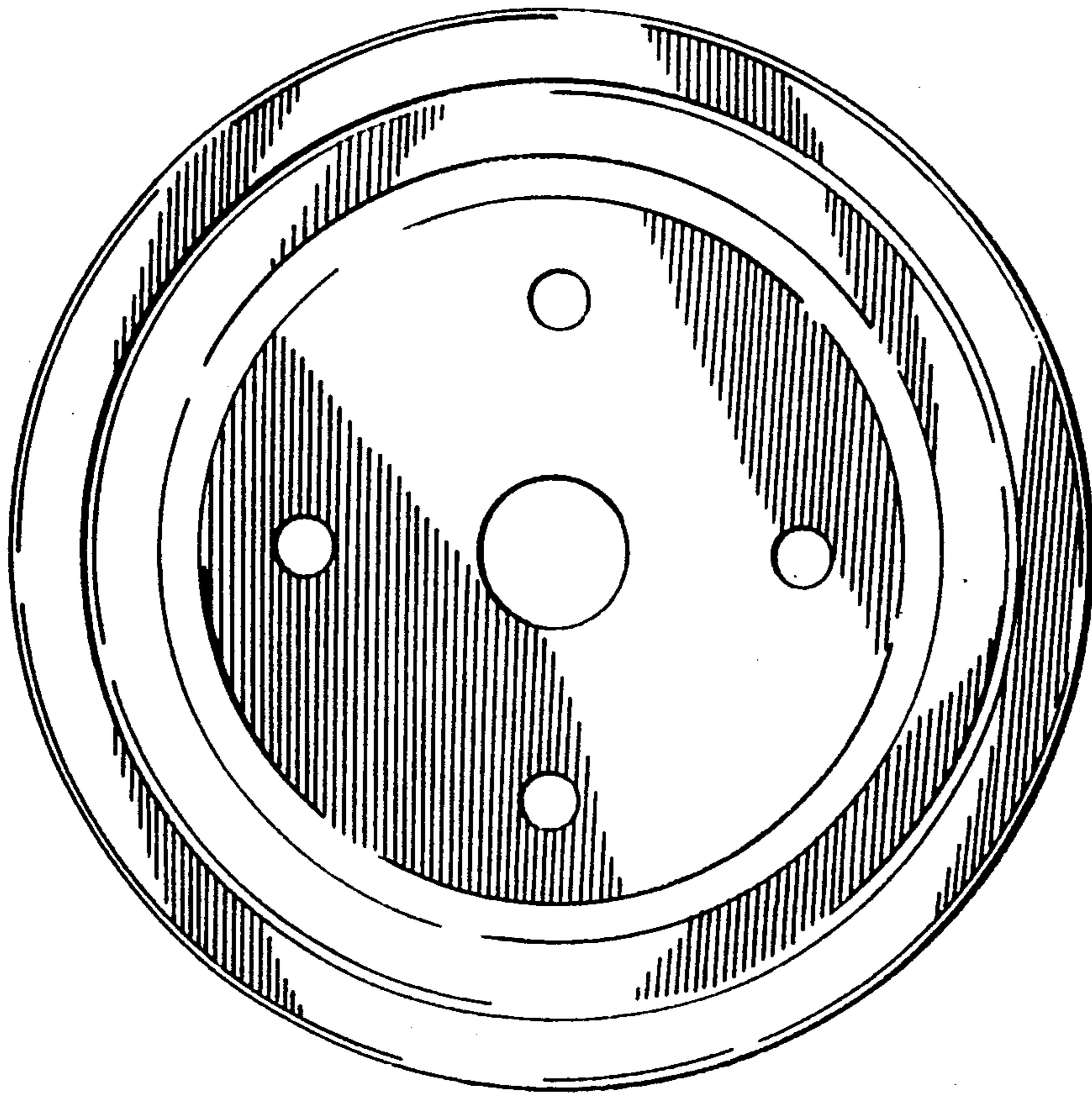


FIG. 3

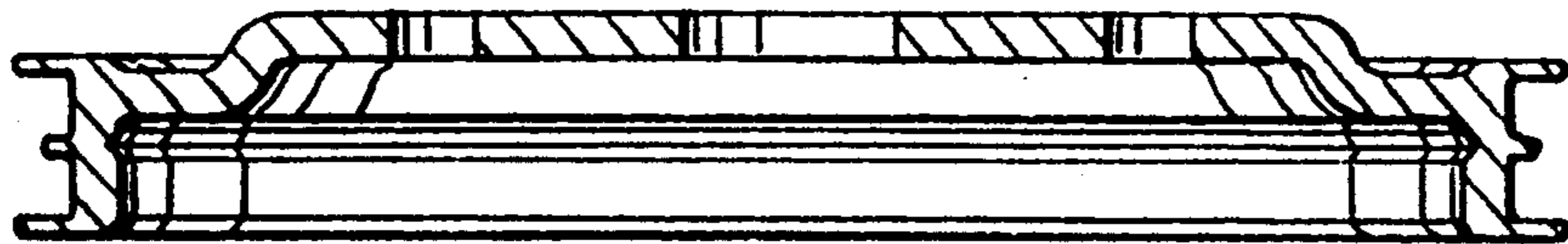


FIG. 4

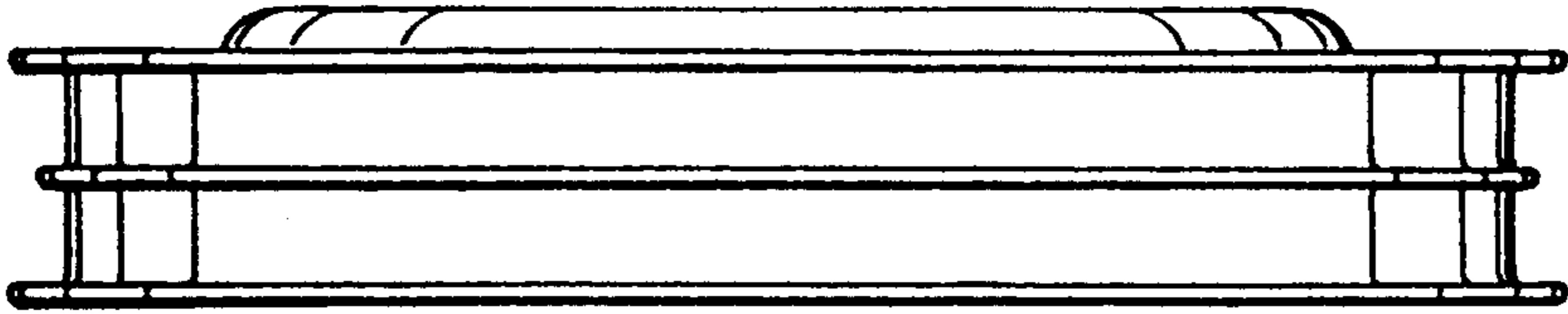


FIG. 5

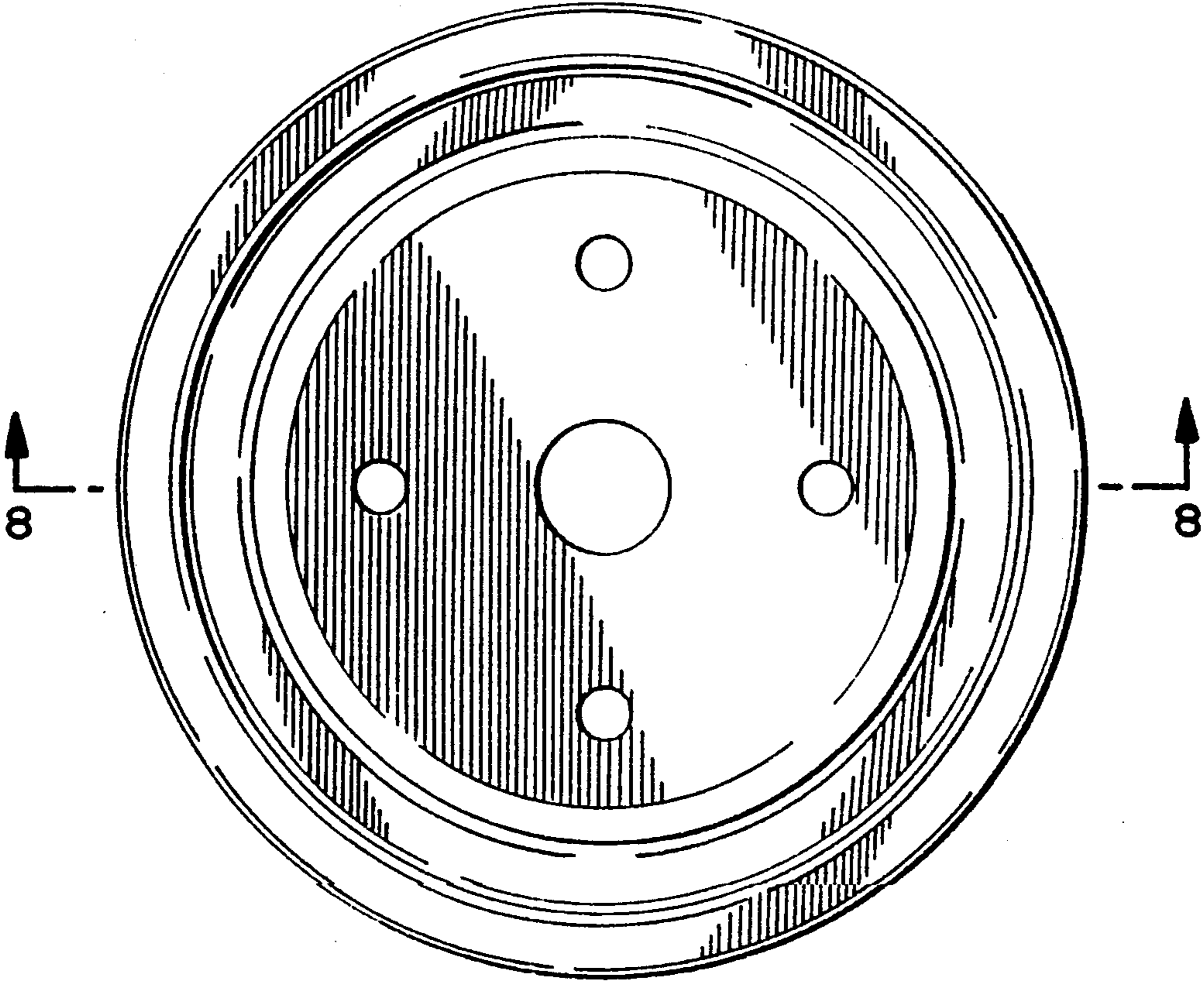


FIG. 6

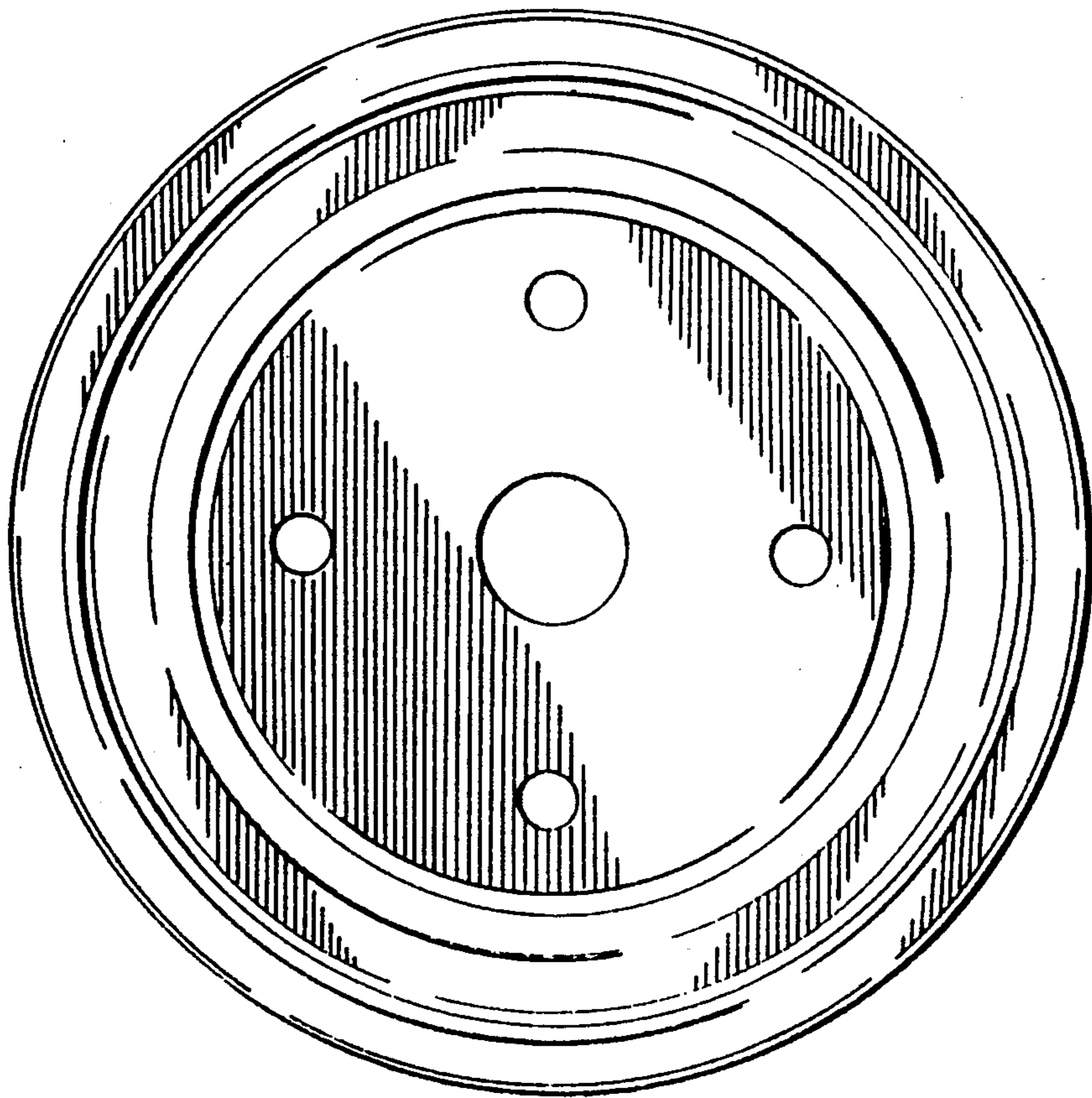


FIG. 7

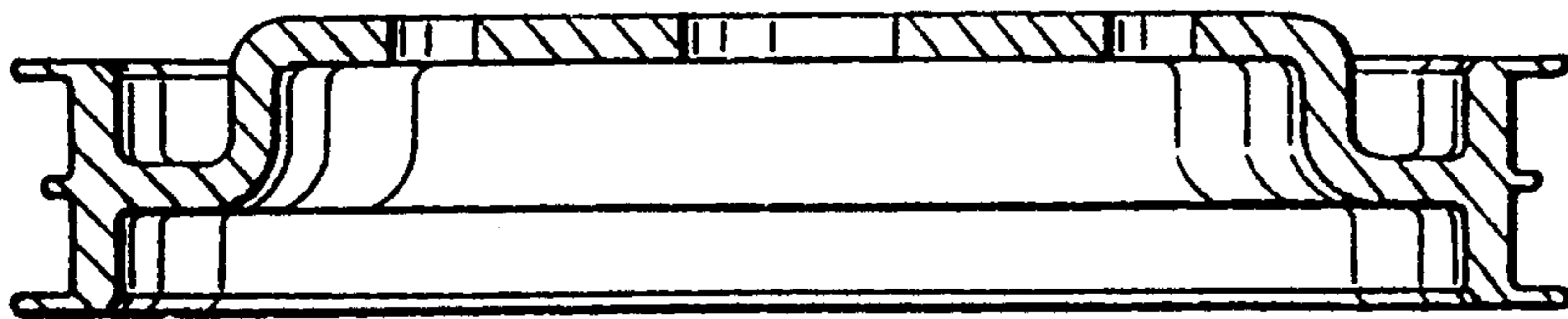


FIG. 8

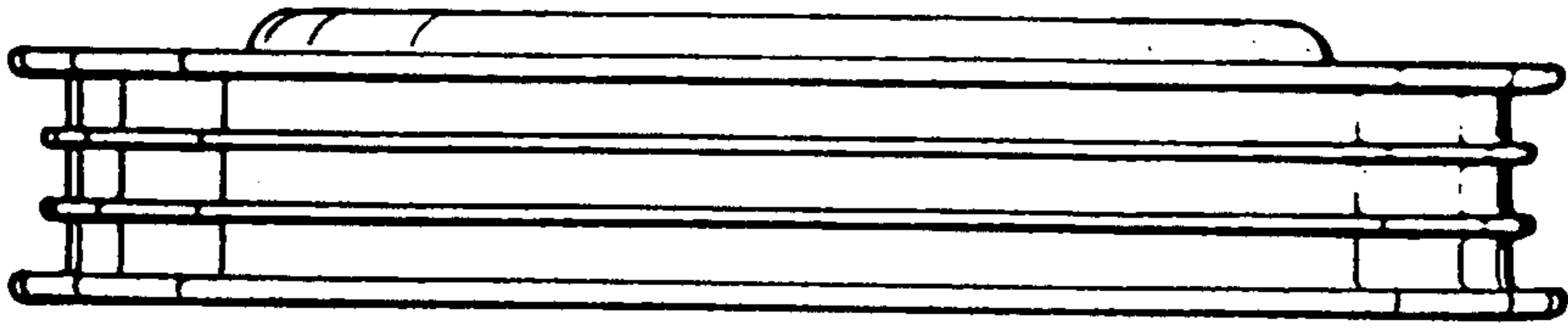


FIG. 9

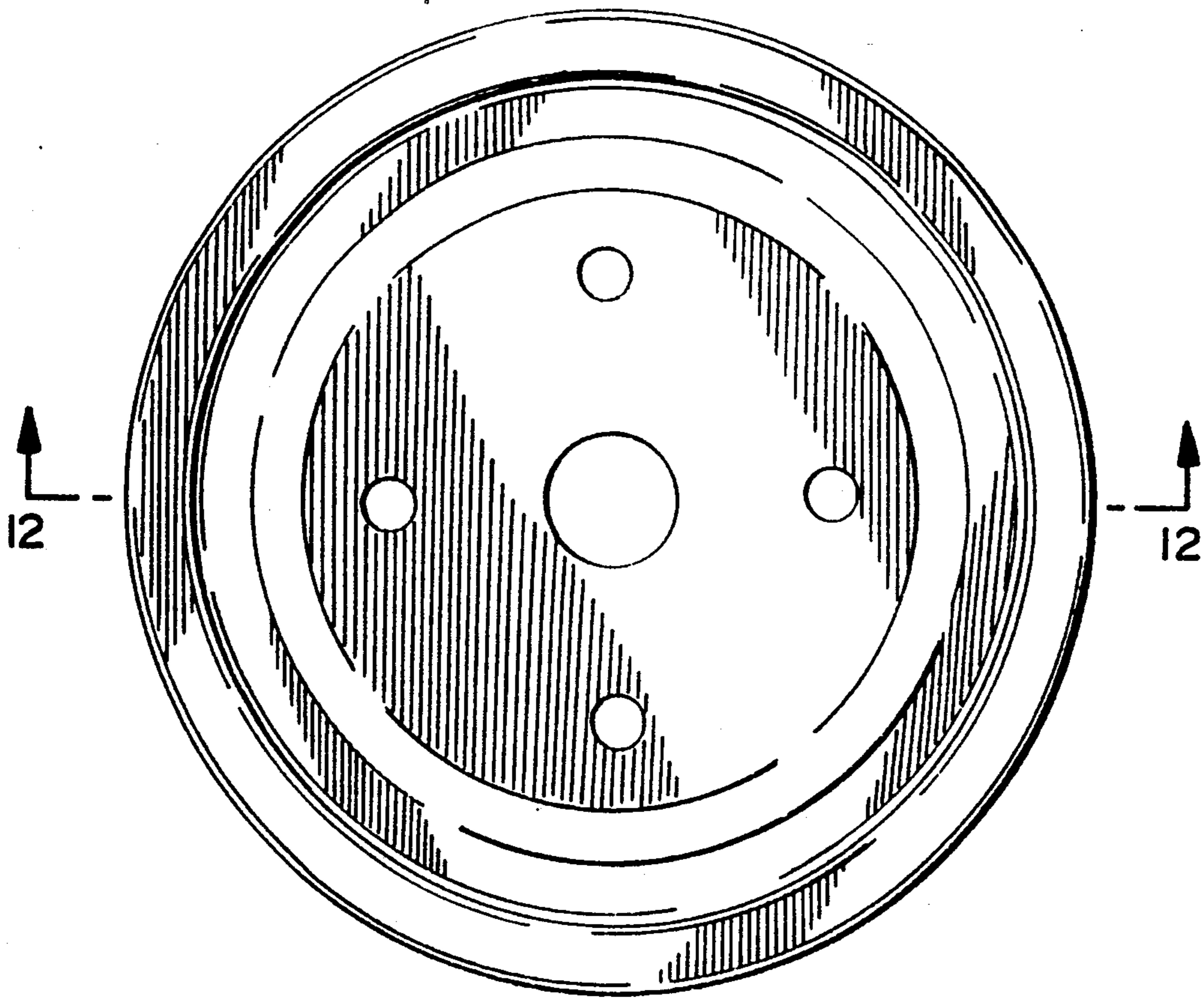


FIG. 10

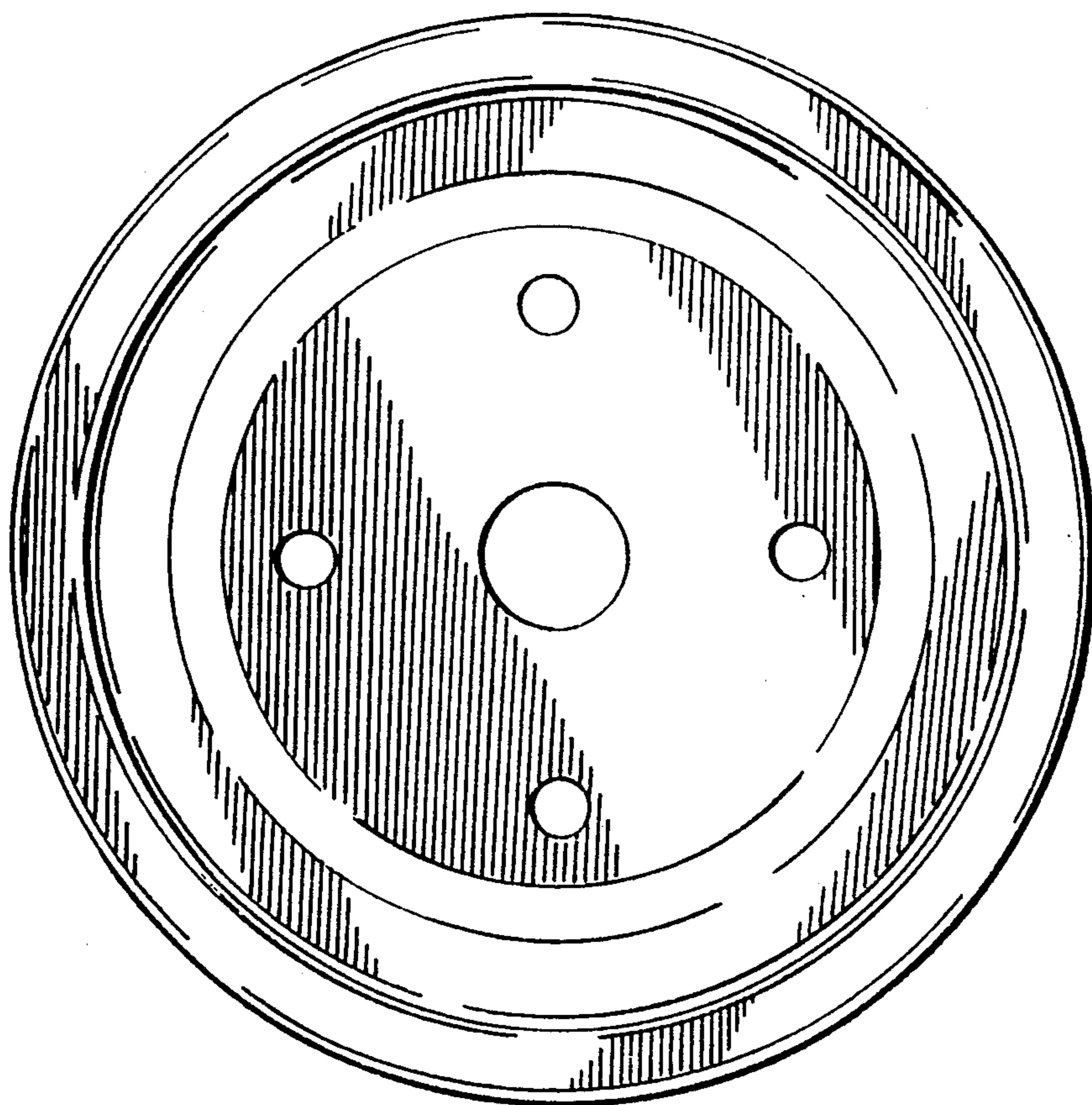


FIG. 11

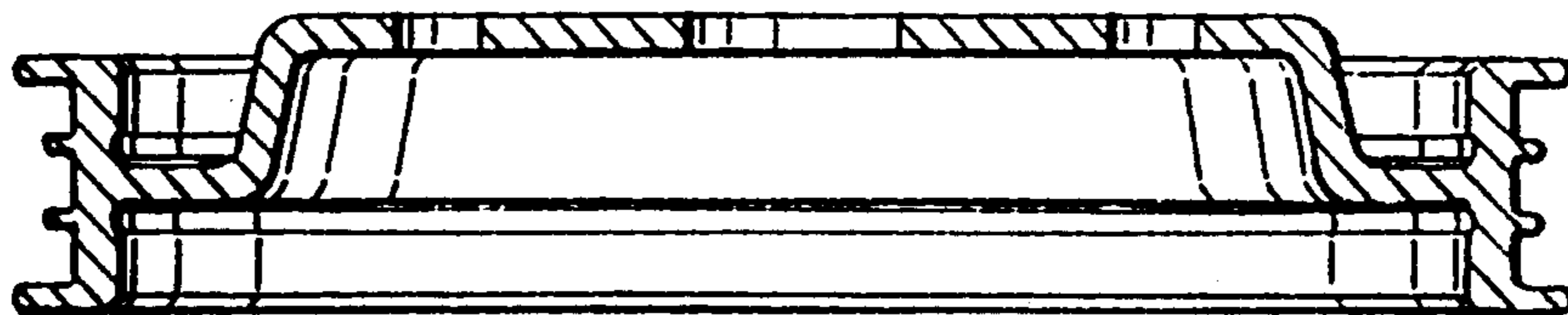


FIG. 12

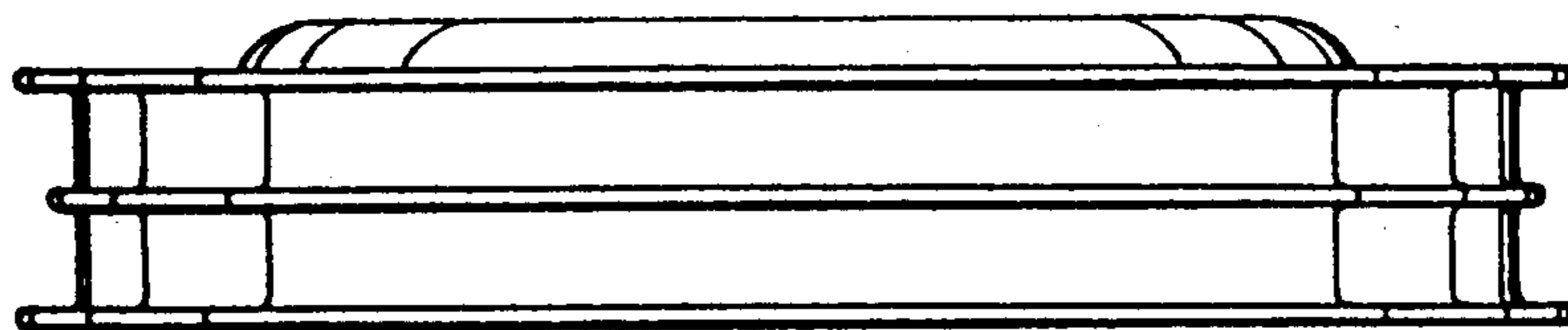


FIG. 13

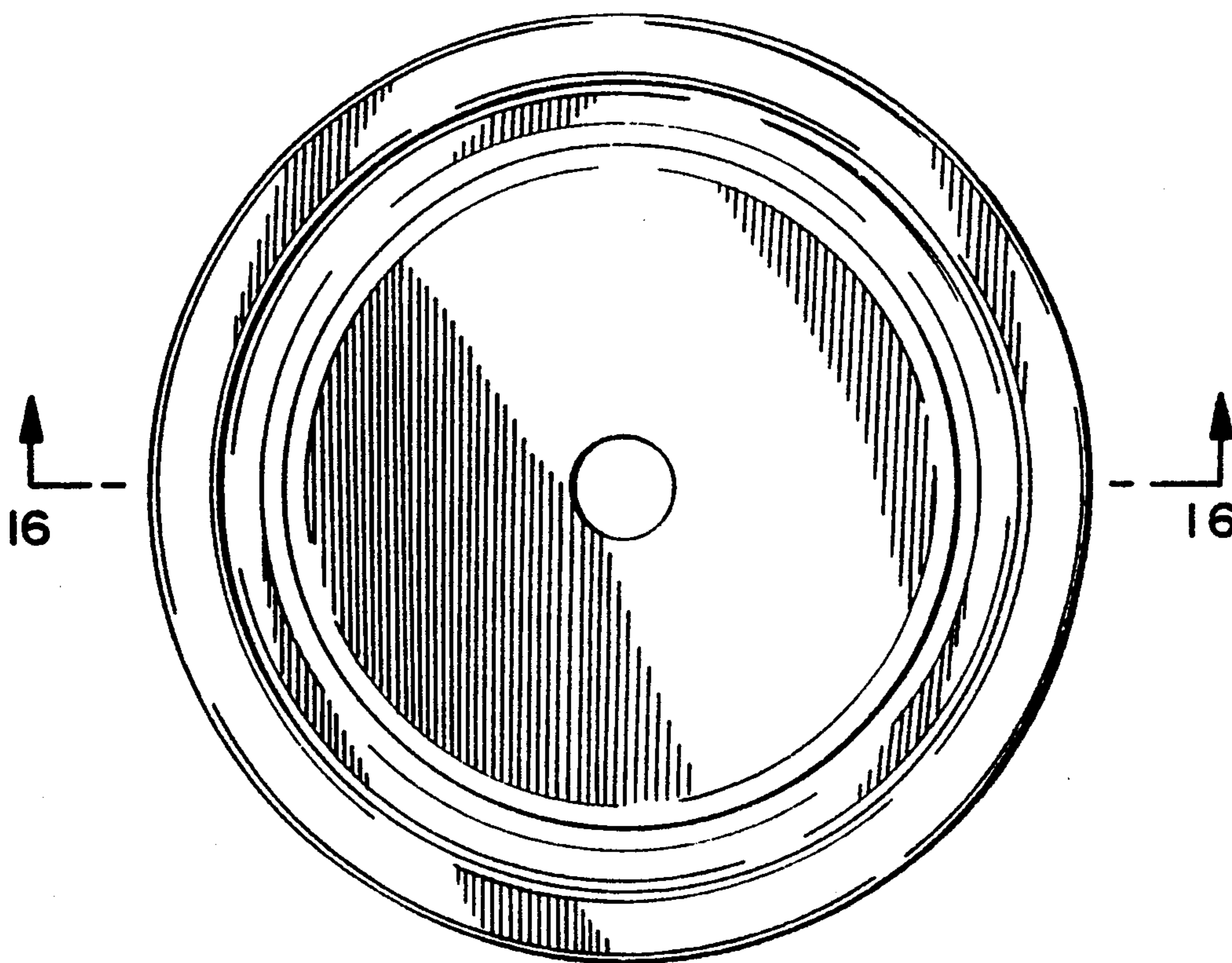


FIG. 14

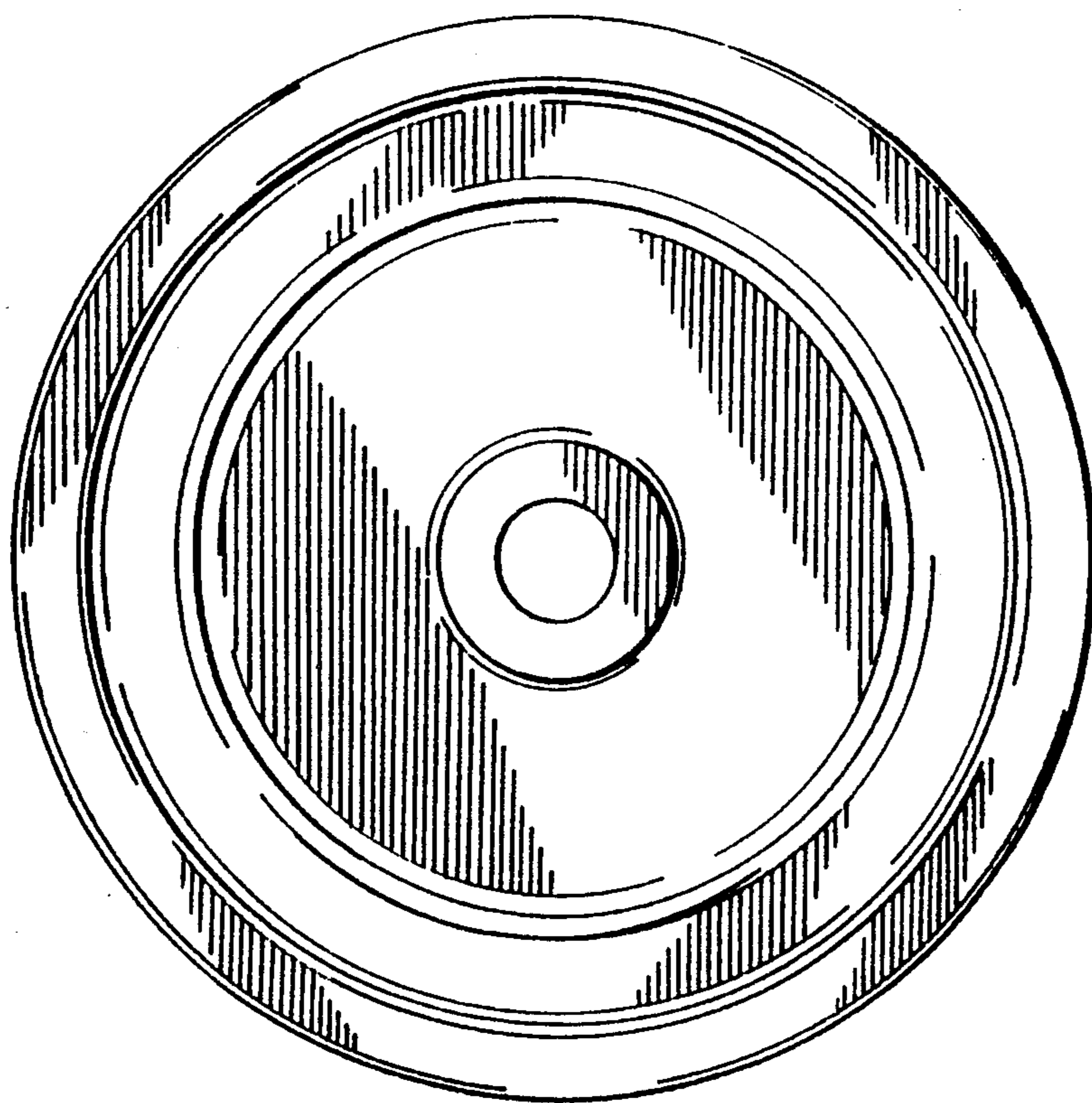


FIG. 15

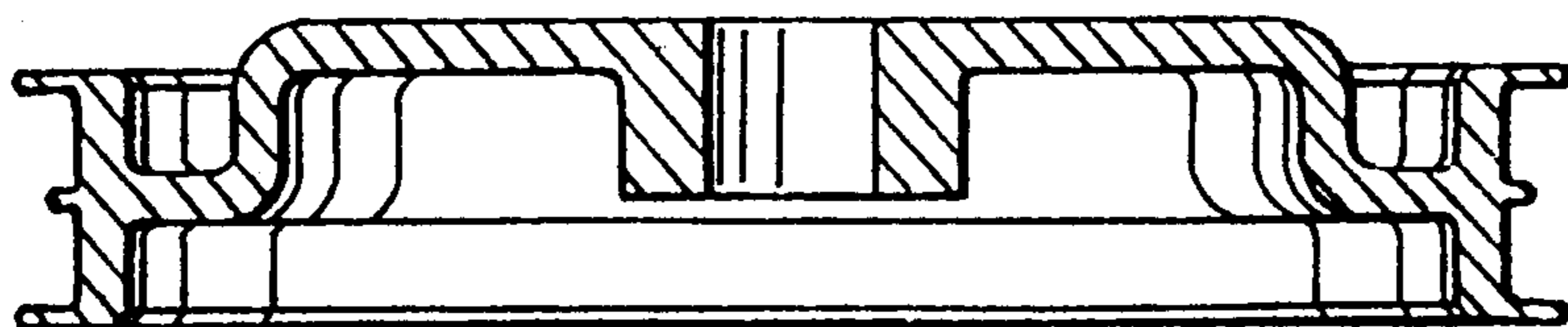


FIG. 16

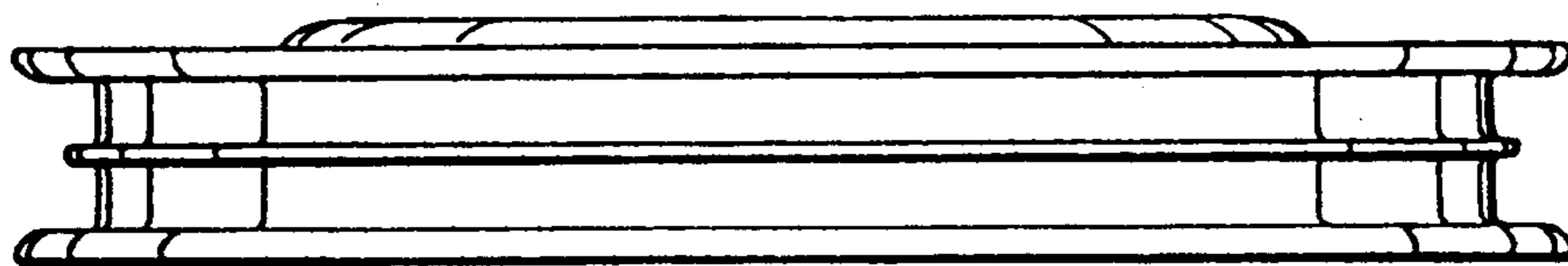


FIG. 17

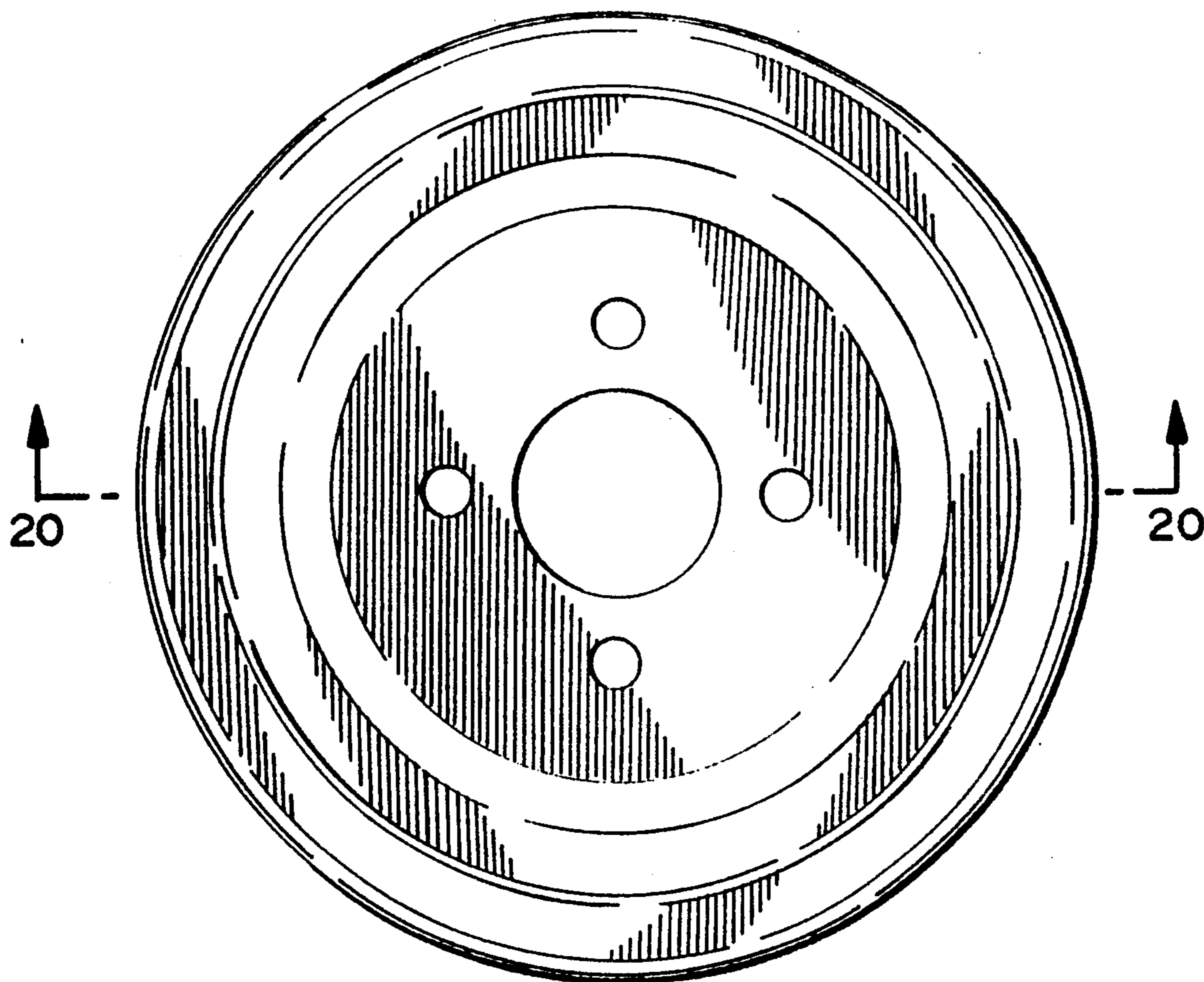


FIG. 18

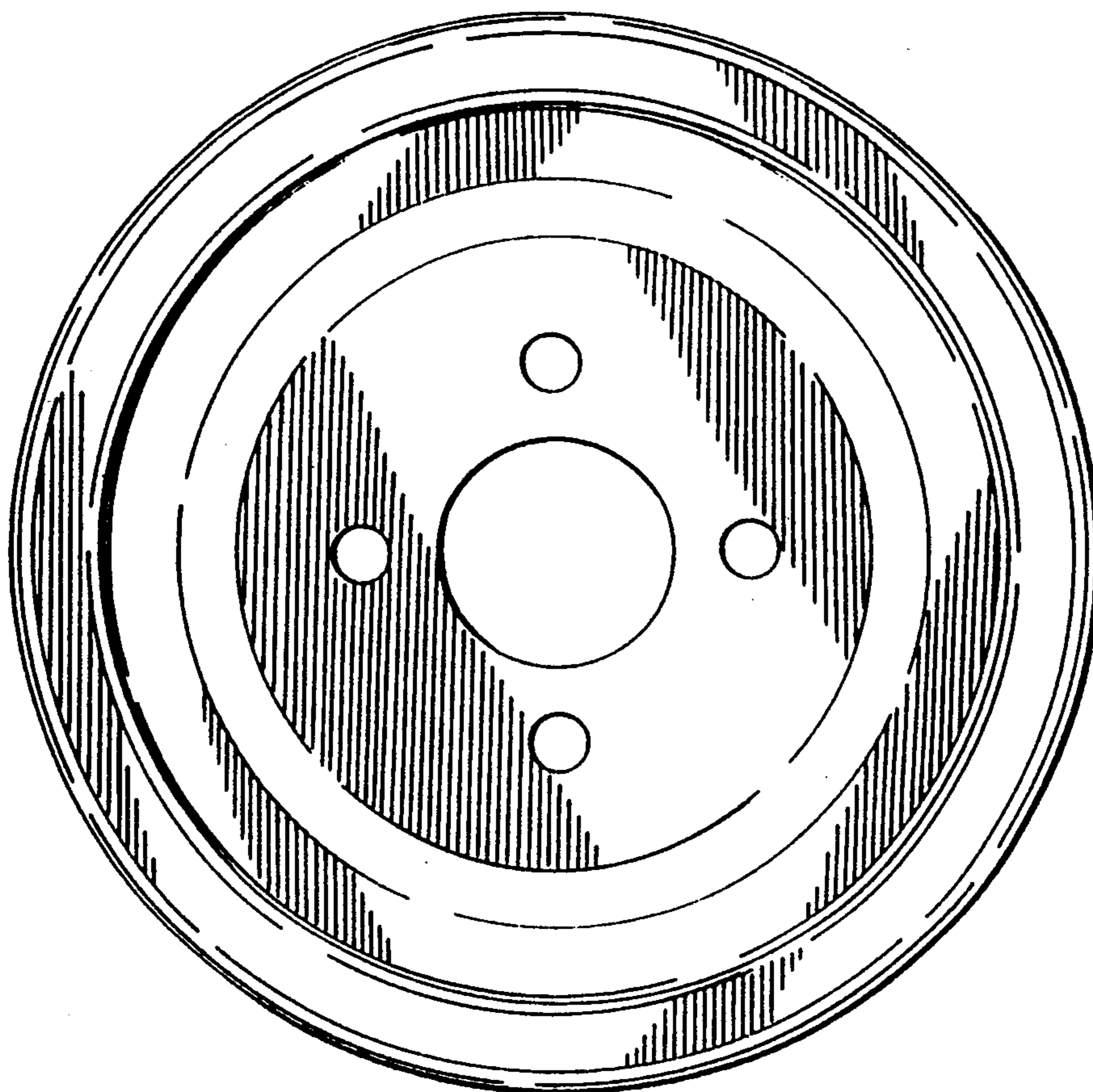


FIG. 19

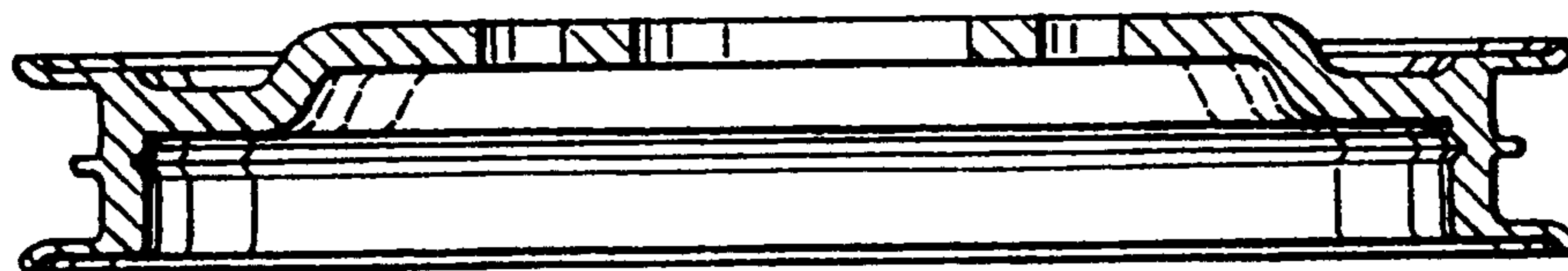


FIG. 20