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(12) **United States Design Patent**
Sano et al.

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(54) **DIAPHRAGM FOR A SWITCH**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (8) Cl.** **13-03**

(52) **U.S. Cl.** **D13/173**

(58) **Field of Classification Search** D13/122,
D13/158-177, 184; D10/103; 92/42; 606/234;
313/511; 200/83 N, 83 J, 406; D8/62, 66,
D8/70

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D33,305 S * 10/1900 Thomas D13/173
3,082,451 A * 3/1963 Smithson 15/4
3,133,170 A * 5/1964 Nanninga 200/406
3,898,405 A * 8/1975 Weber 200/83 J
4,172,412 A * 10/1979 Sepso 92/42
D269,670 S * 7/1983 Fulmer et al. D13/122
4,858,590 A * 8/1989 Bailey 126/39 H
4,965,415 A * 10/1990 Young et al. 200/83 N
D320,361 S * 10/1991 Karasawa D10/103
5,782,867 A * 7/1998 Shrock et al. 606/234
6,413,157 B1 * 7/2002 Marton 451/357
D464,630 S * 10/2002 Woodworth D13/171

D473,685 S * 4/2003 McLain et al. D32/25
6,670,750 B2 * 12/2003 Hanahara et al. 313/511
D496,337 S 9/2004 Kaizu et al.
D518,696 S * 4/2006 Schoen D8/62
7,094,140 B2 * 8/2006 Palushi et al. 451/548
D536,942 S * 2/2007 Cooper et al. D8/62
D544,324 S * 6/2007 Waldron D8/62

FOREIGN PATENT DOCUMENTS

JP D 1170029 4/2003
JP D 1200221 3/2004

OTHER PUBLICATIONS

Sano et al., U.S. Design Application entitled "Diaphragm For A Switch," U.S. Appl. No. 29/245,243, filed Dec. 21, 2005.

* cited by examiner

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(57) **CLAIM**

We claim the ornamental design for a diaphragm for a switch, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a diaphragm for a switch of the present invention;

FIG. 2 is a front view thereof;

FIG. 3 is a first side view thereof;

FIG. 4 is a second side view thereof;

FIG. 5 is a top view thereof;

FIG. 6 is a bottom view thereof; and,

FIG. 7 is a rear view thereof.

1 Claim, 3 Drawing Sheets

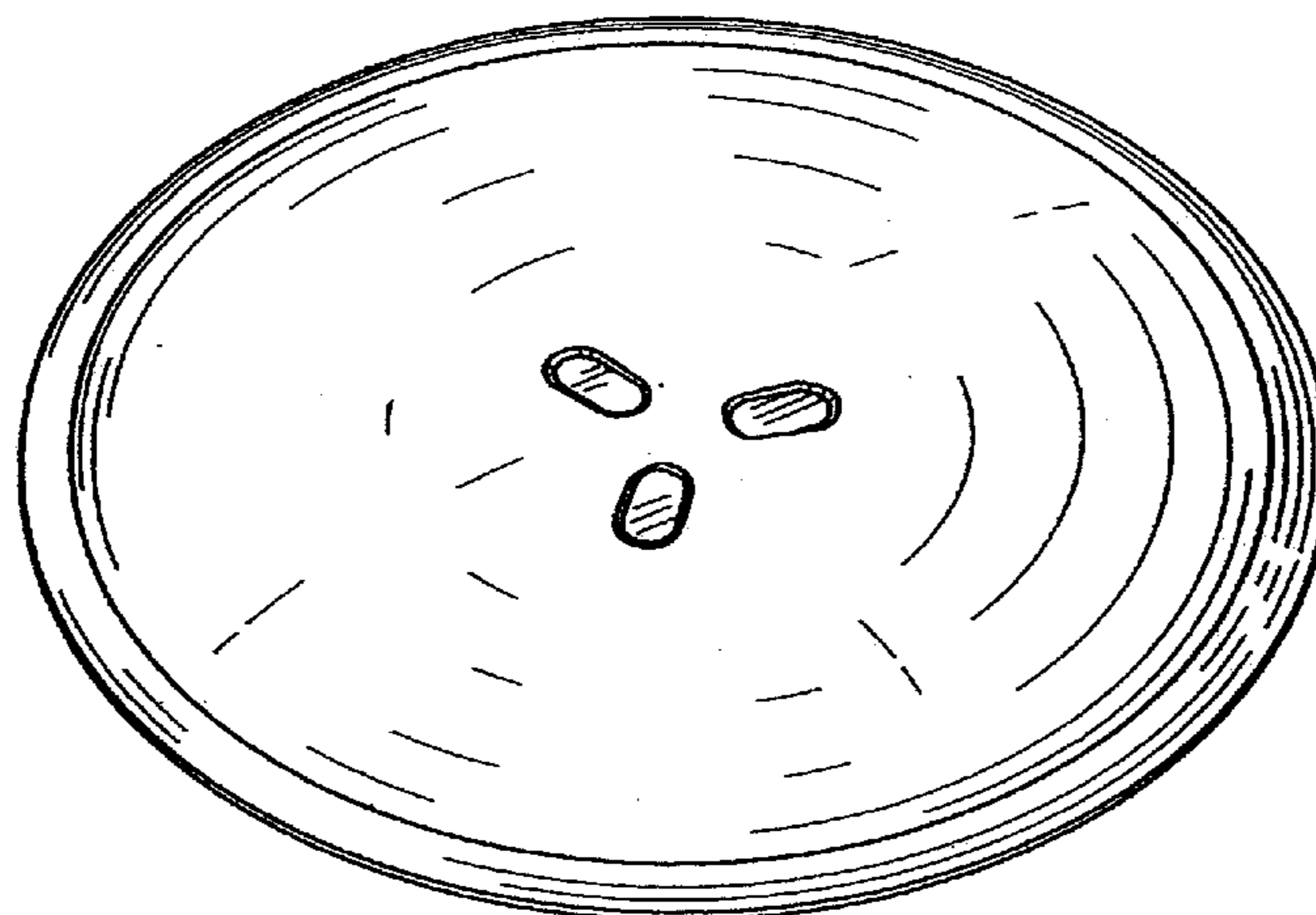


FIG. 1

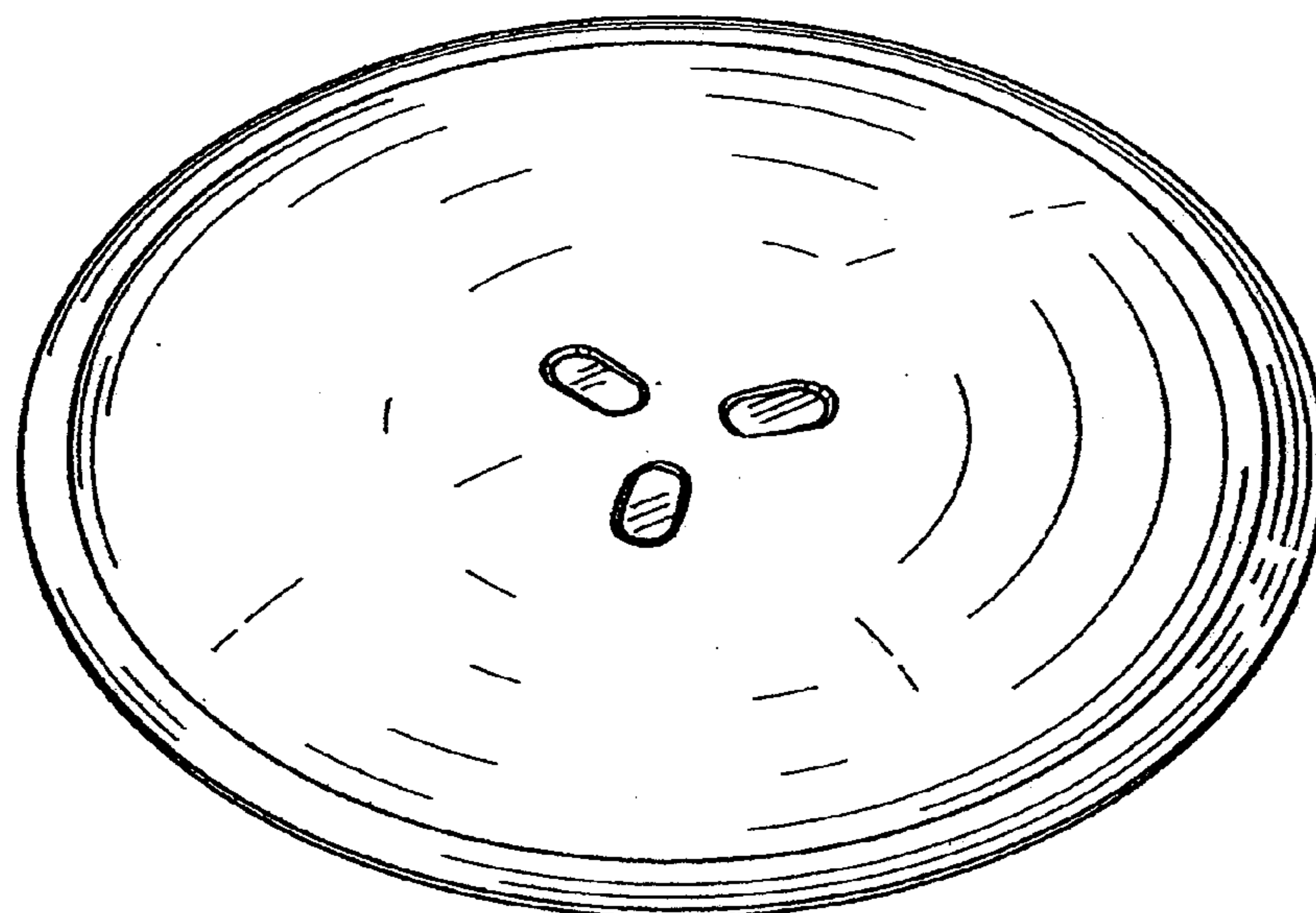


FIG. 2

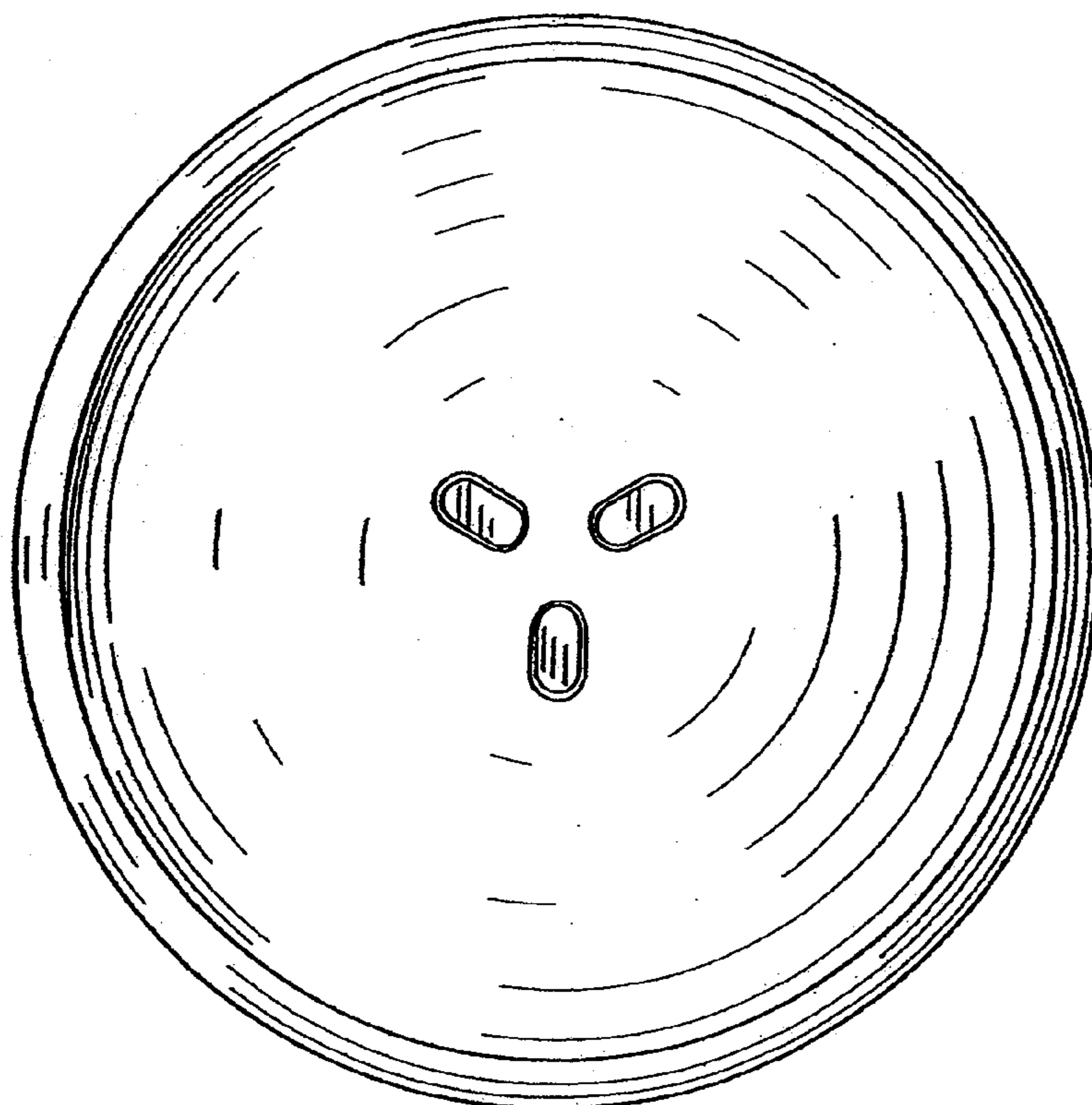


FIG.3

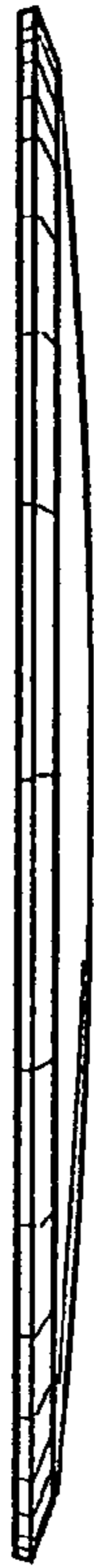


FIG.4



FIG.5

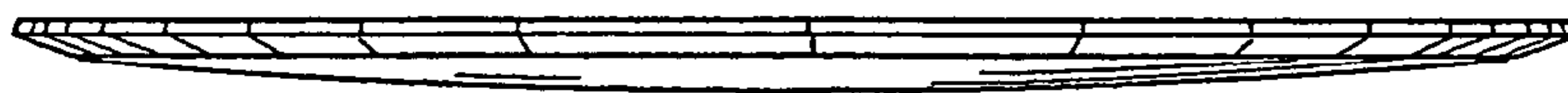


FIG.6

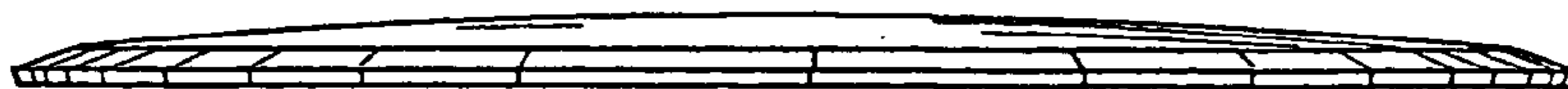


FIG.7

