



US00D383178S

United States Patent [19]
Breuil

[11] Patent Number: Des. 383,178
[45] Date of Patent: **Sep. 2, 1997

[54] ELECTRIC HEATING DEVICE FOR PLASTICS

[75] Inventor: Dany Breuil, Lavans les Saint Claude, France

[73] Assignee: Smoby, Lavans les Saint Claude, France

[**] Term: 14 Years

[21] Appl. No.: 26,451

[22] Filed: Jul. 28, 1994

[30] Foreign Application Priority Data

Feb. 11, 1994 [XH] Hague Agreement DM/028 668

[51] LOC (6) Cl. 21-01

[52] U.S. Cl. D21/122

[58] Field of Search D21/122; D24/217, D24/218; D7/339, 347, 330; 219/405, 411, 436, 438, 386; 446/14, 75; D23/314

[56] References Cited

U.S. PATENT DOCUMENTS

D. 262,299 12/1981 Jones et al. D21/122

D. 269,999	8/1983	Hoogestegek		D24/218
D. 321,564	11/1991	Miller		D24/218
D. 330,086	10/1992	Chen		D24/218
D. 336,816	6/1993	Mito		D7/339
D. 354,070	1/1995	Chen		D24/218
3,160,980	12/1964	Seuthe		392/405
5,235,906	8/1993	Hsu		219/386
5,276,307	1/1994	Higgins		219/386
5,404,420	4/1995	Song		219/411

Primary Examiner—Raphael Barkai
Attorney, Agent, or Firm—Dowell & Dowell

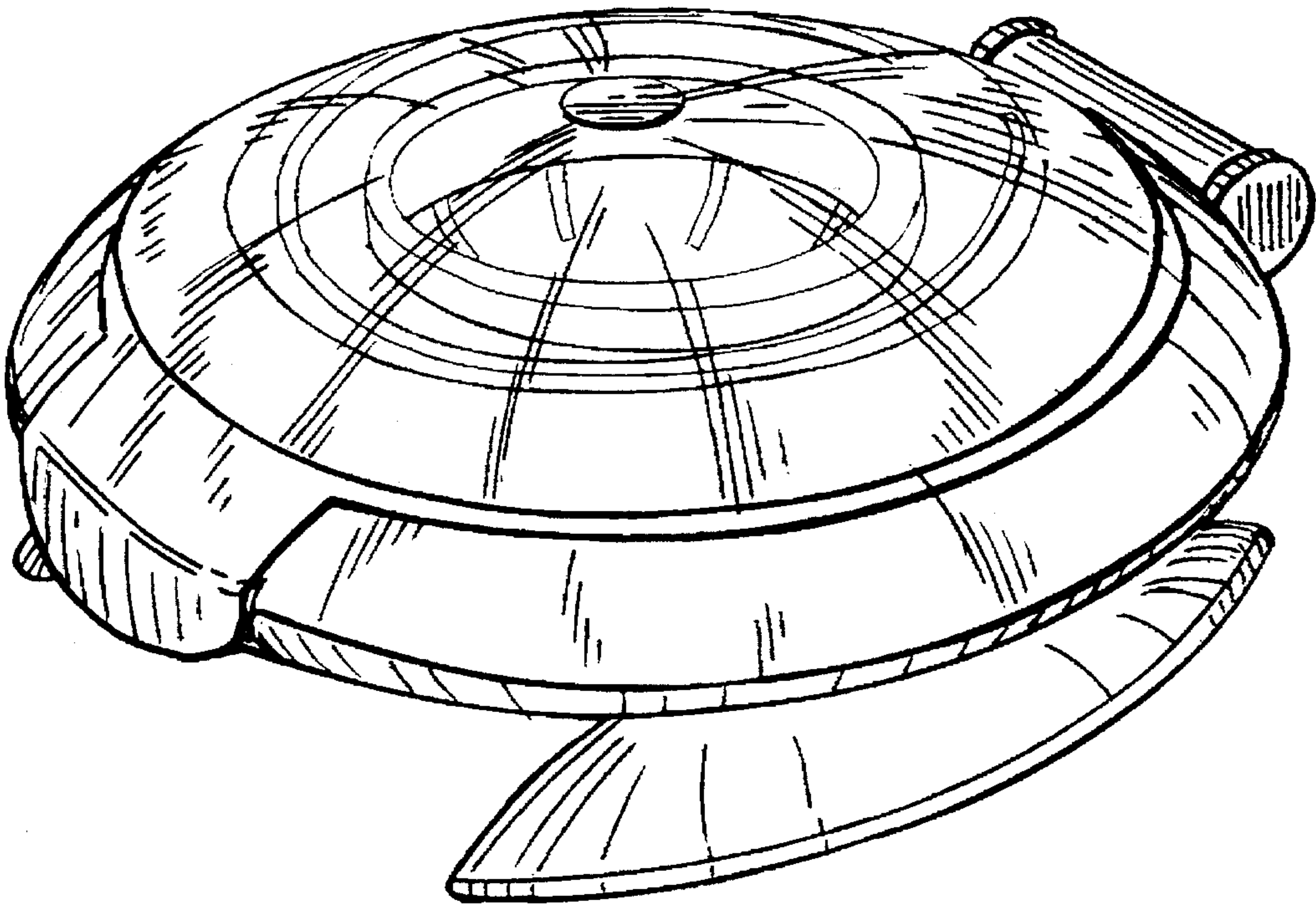
[57] CLAIM

The ornamental design for an electric heating device for plastics, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the device;
FIG. 2 is a top plane view thereof;
FIG. 3 is a front elevation view thereof;
FIG. 4 is a right side view;
FIG. 5 is a left side view;
FIG. 6 is a rear elevation view; and,
FIG. 7 is a bottom plane view.

1 Claim, 3 Drawing Sheets



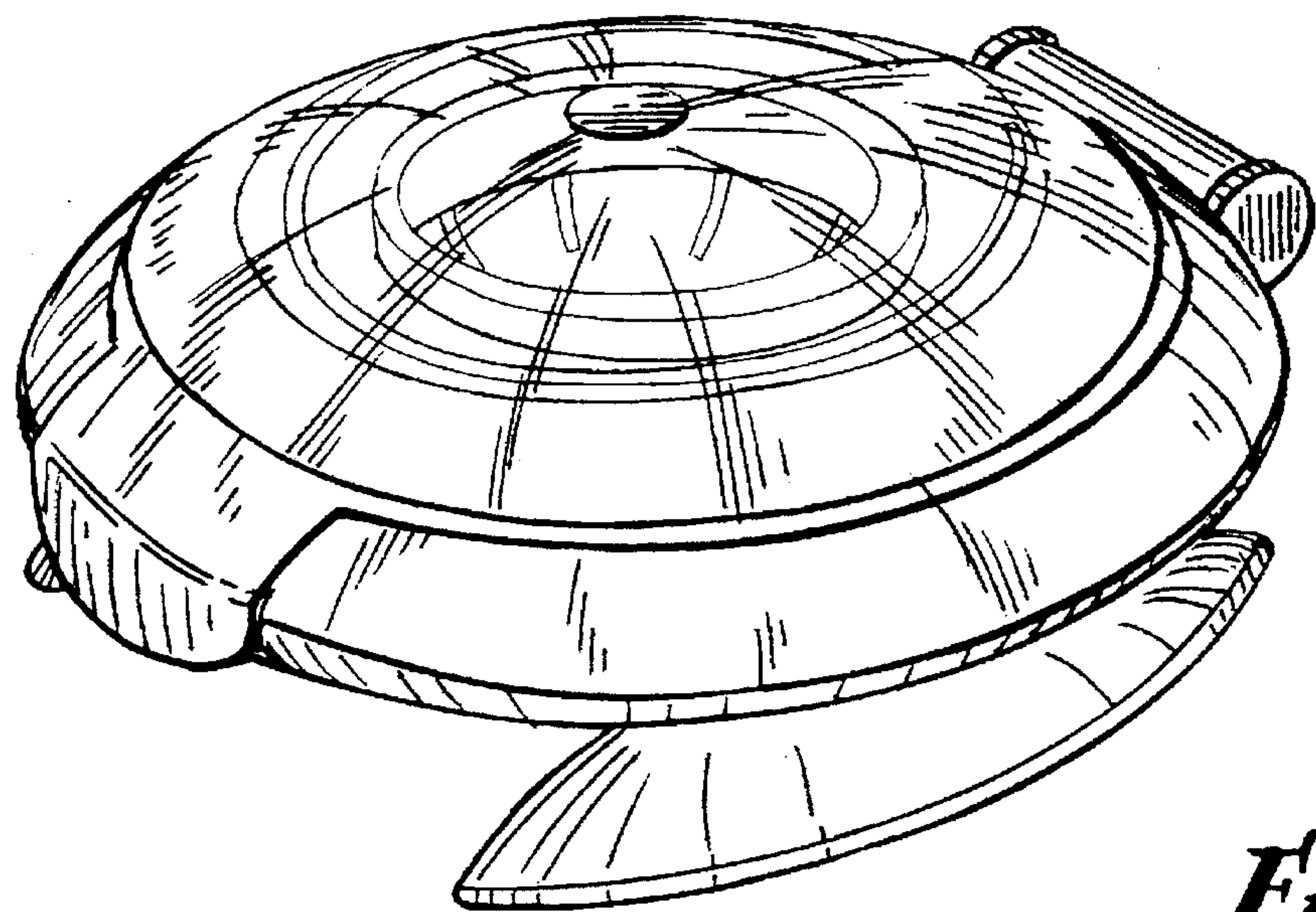


Fig. 1

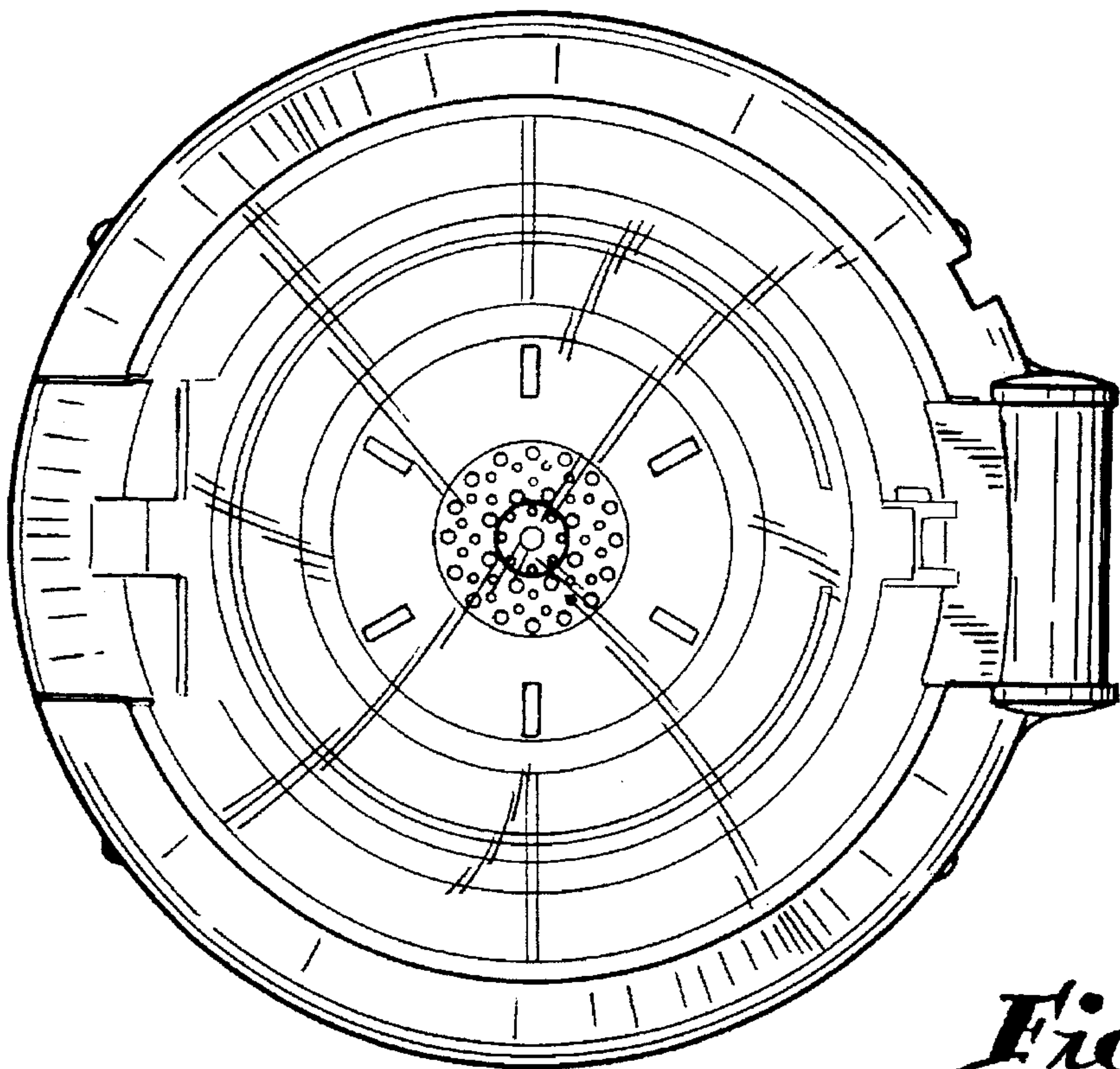


Fig. 2

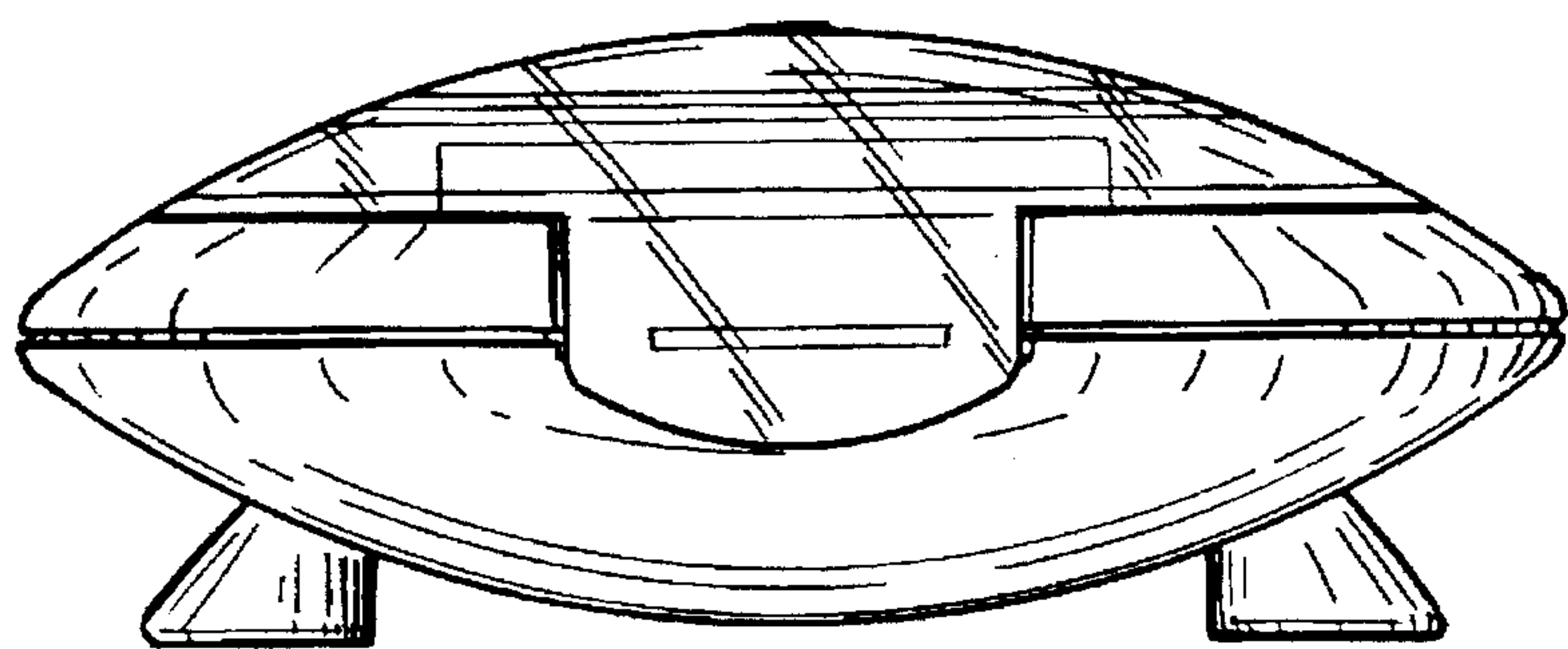


Fig. 3

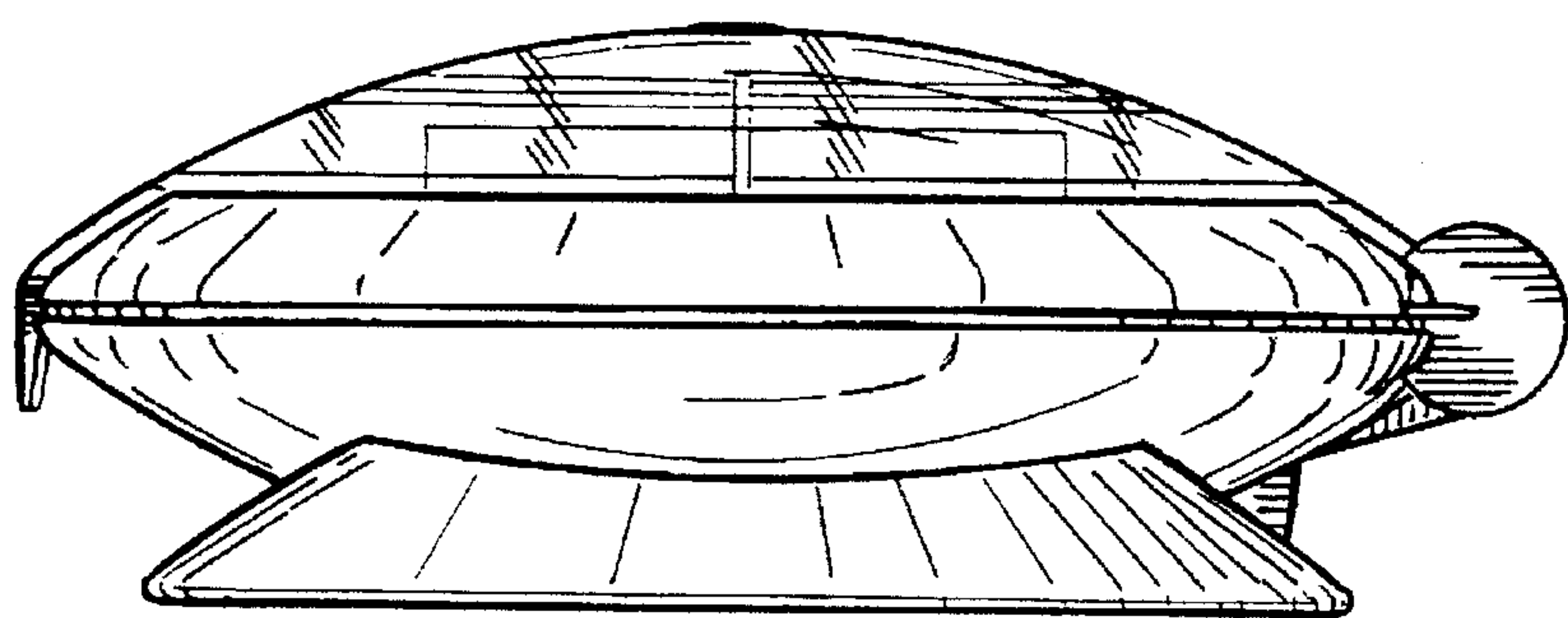


Fig. 4

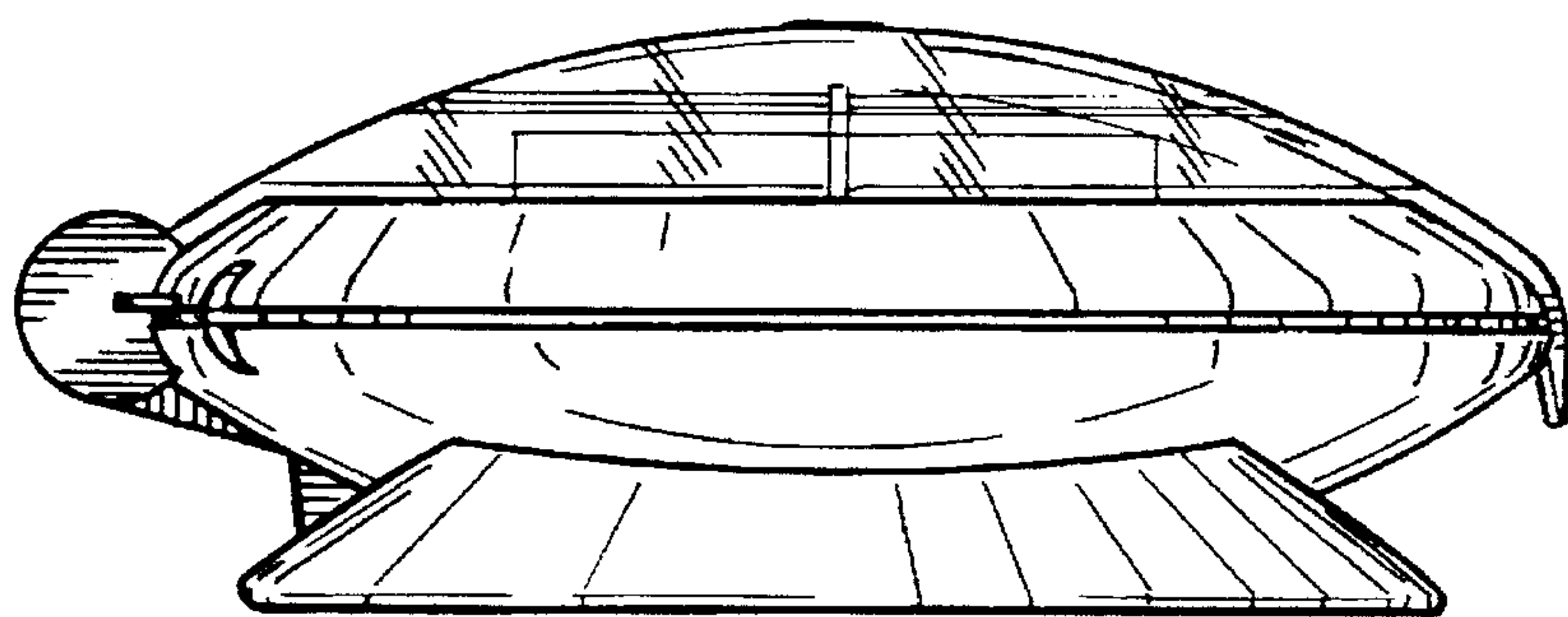


Fig. 5

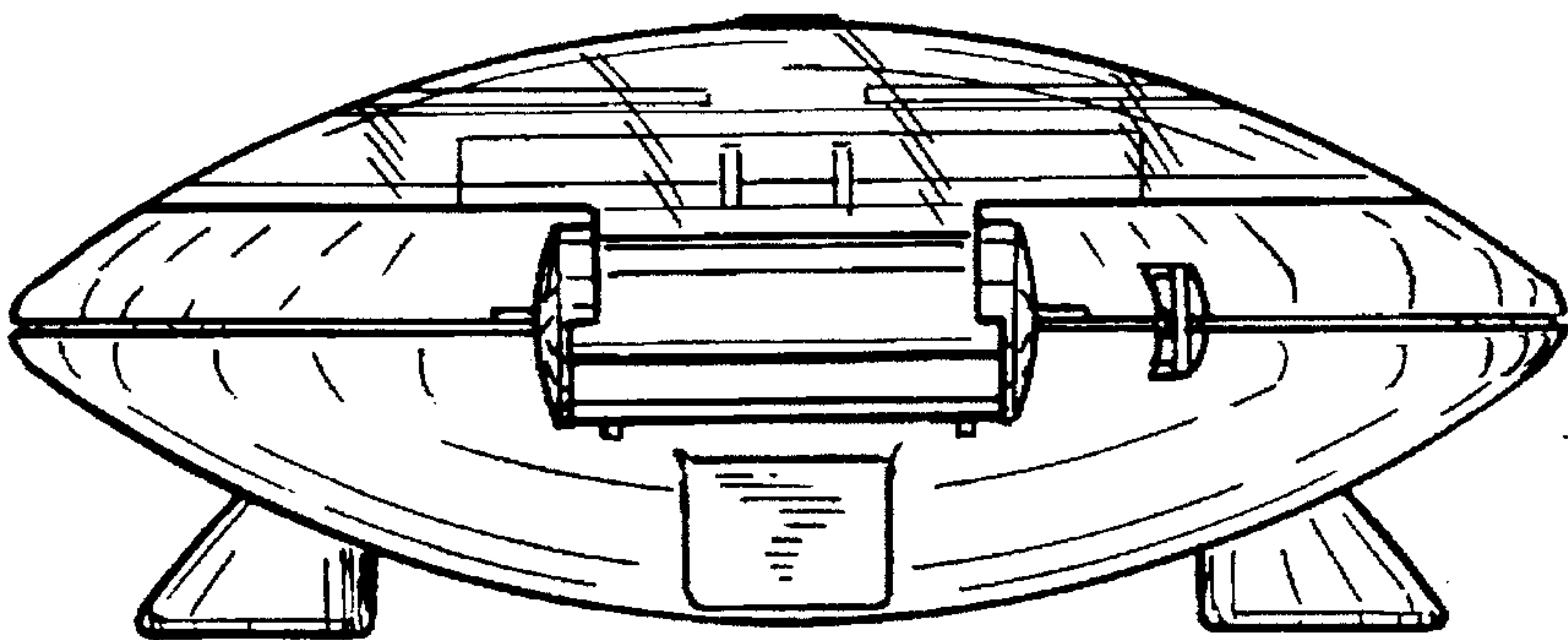


Fig. 6

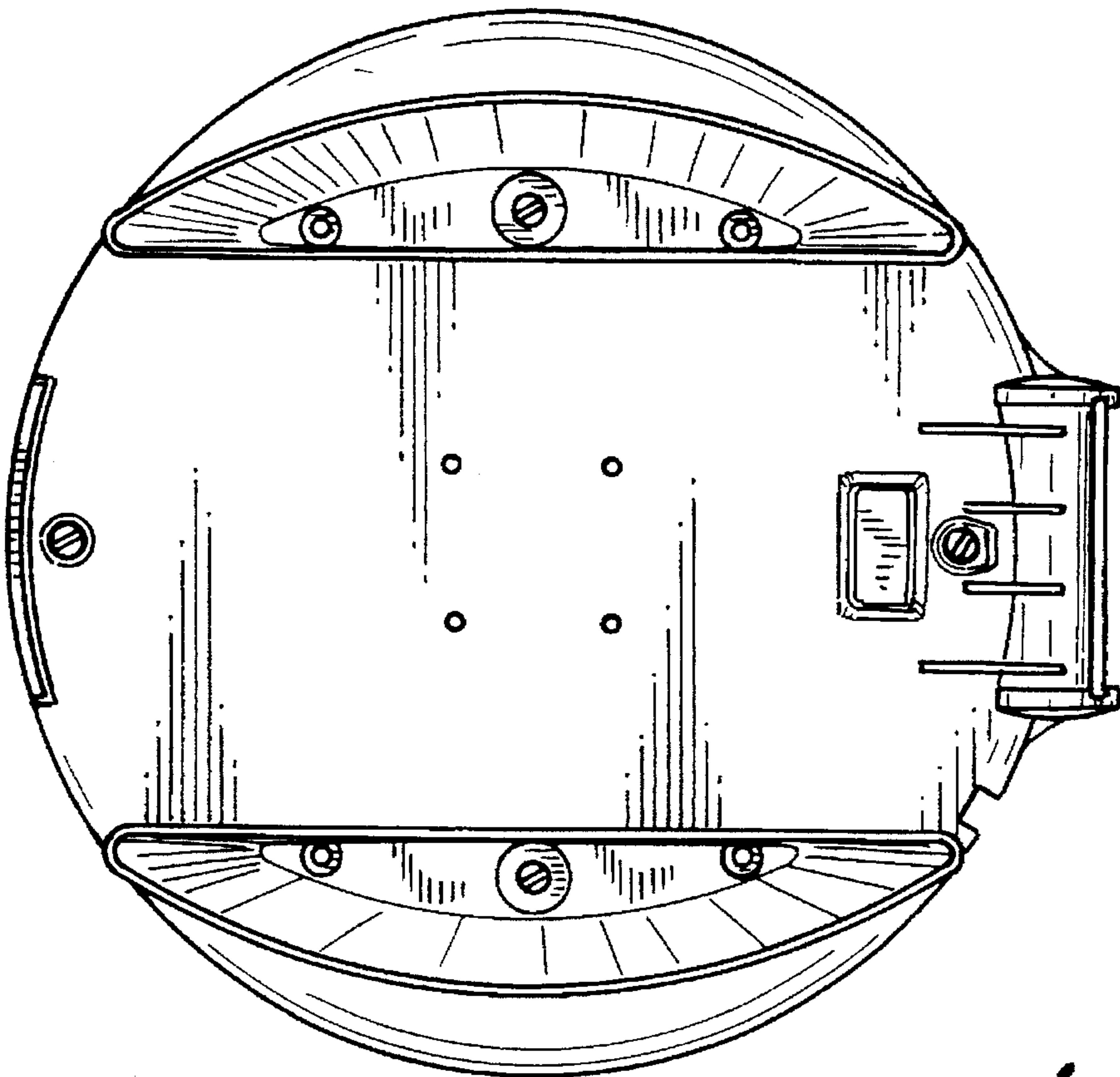


Fig. 7