



US00D751343S

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

(10) **Patent No.:** **US D751,343 S**
(45) **Date of Patent:** **** Mar. 15, 2016**

(54) **INVISIBLE HEART MUG**
(71) Applicants: **Zheng Yu Chen**, Highlands Ranch, CO
(US); **Qun Lu**, Highlands Ranch, CO
(US)
(72) Inventors: **Zheng Yu Chen**, Highlands Ranch, CO
(US); **Qun Lu**, Highlands Ranch, CO
(US)

(**) Term: **14 Years**
(21) Appl. No.: **29/486,536**
(22) Filed: **Mar. 31, 2014**

Related U.S. Application Data

(62) Division of application No. 29/428,140, filed on Jul. 26, 2012, now Pat. No. Des. 705,011.
(51) **LOC (10) Cl.** **07-01**
(52) **U.S. Cl.**
USPC **D7/509**; D7/532; D7/515; D7/517
(58) **Field of Classification Search**
USPC D7/300.1, 510, 511, 524, 537, 514, 515,
D7/517, 523, 509; 215/388; 220/703, 705,
220/713, 711; D9/629
CPC A47G 19/22; A47G 19/2222
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D119,280 S 3/1940 May
D148,580 S * 2/1948 Ross D7/516
D168,784 S * 2/1953 Del Mas 220/703
4,523,083 A 6/1985 Hamilton
5,078,817 A * 1/1992 Takagaki 156/73.1
D371,937 S 7/1996 Peugeot et al.
D375,456 S * 11/1996 Borgmann D9/629
D395,379 S 6/1998 Goodman
D444,033 S * 6/2001 Saffron et al. D7/516

D455,933 S 4/2002 Marck
D468,632 S * 1/2003 Kaneko D9/629
D477,752 S * 7/2003 Slater et al. D7/608
D568,103 S * 5/2008 Bodum D7/523
D574,719 S * 8/2008 Ereksen D9/629
D579,719 S * 11/2008 King et al. D7/409
D625,953 S 10/2010 Claffey
D632,134 S 2/2011 Sijing et al.
D639,608 S 6/2011 Tohm, Sr.
D641,634 S * 7/2011 Fraissat D9/529

(Continued)

Primary Examiner — Marianne Pandozzi

(74) *Attorney, Agent, or Firm* — Morgan Lewis & Bockius LLP

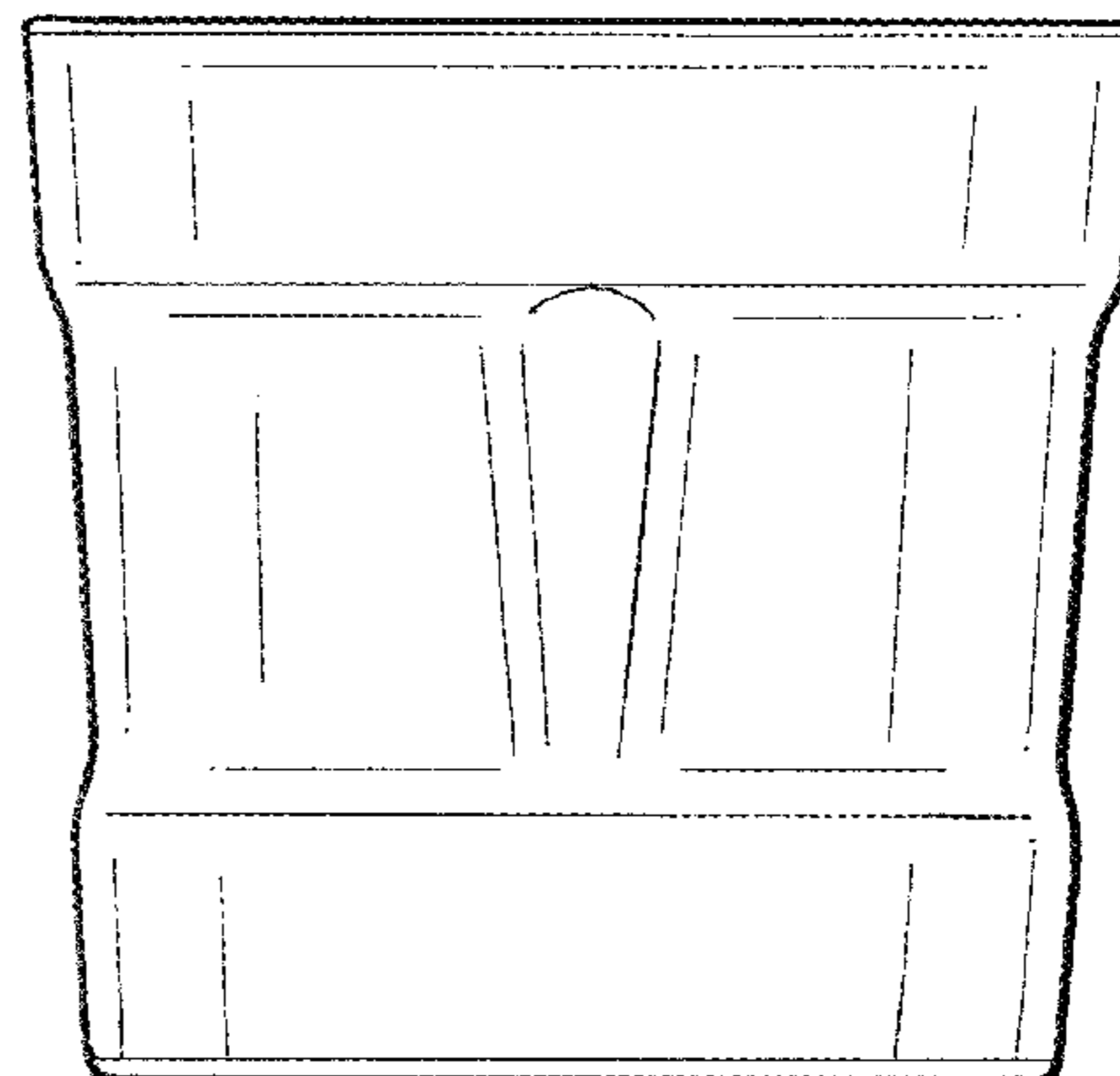
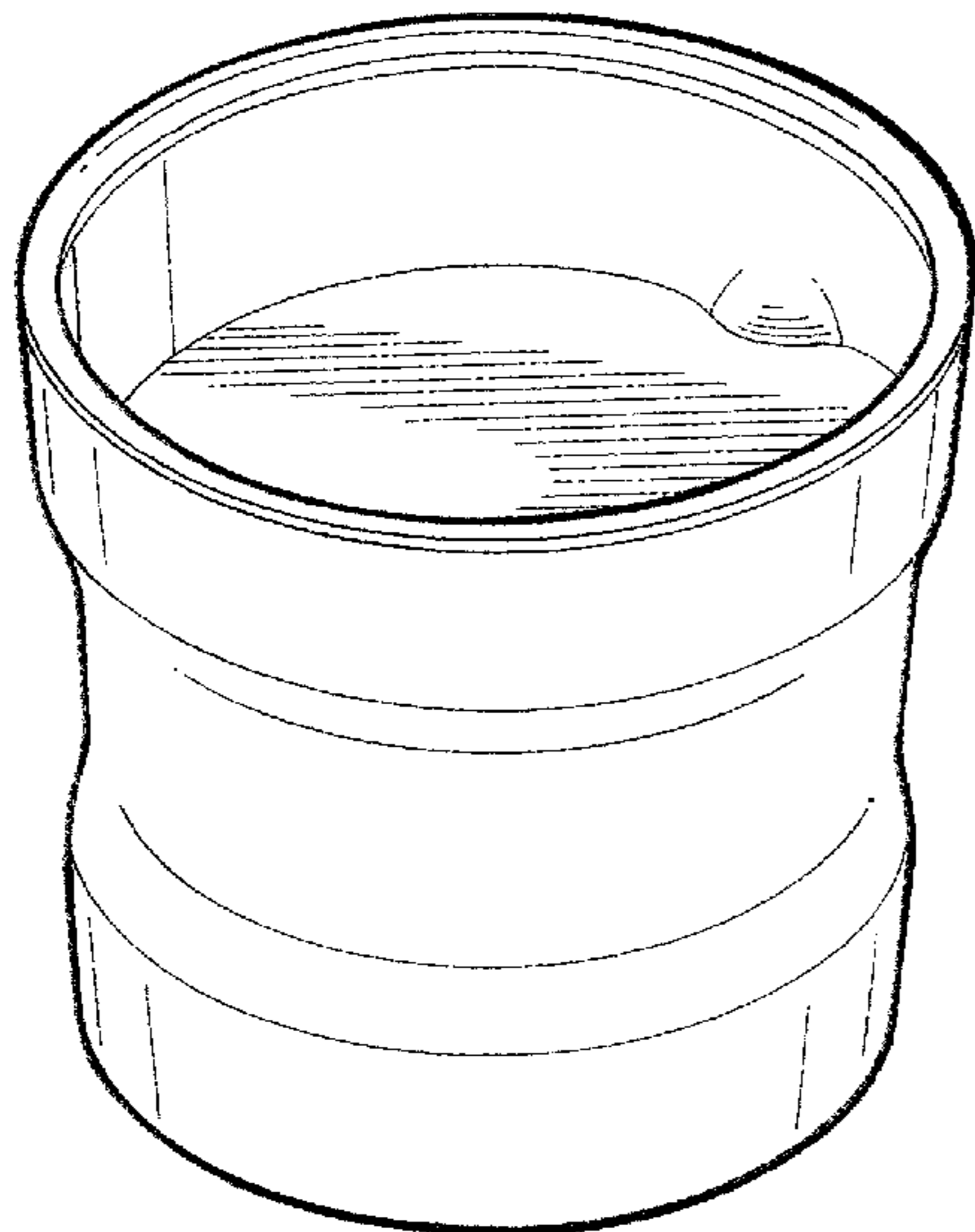
(57) **CLAIM**

The ornamental design for an invisible heart mug, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of an invisible heart mug showing a first embodiment of our new design with a medium amount of liquid inside;
FIG. 2 is a front view thereof all four embodiments;
FIG. 3 is a rear view thereof of all four embodiments;
FIG. 4 is a bottom view of all four embodiments;
FIG. 5 is a right side view of all four embodiments;
FIG. 6 is a left side view of all four embodiments;
FIG. 7 is a top plan view of an invisible heart mug with no liquid inside showing a second embodiment of my new design;
FIG. 8 is a top plan view of an invisible heart mug being full of liquid showing a third embodiment of my new design;
FIG. 9 is a top plan view of an invisible heart mug showing a first embodiment of our new design with a medium amount of liquid inside; and,
FIG. 10 is a top plan view of an invisible heart mug showing a fourth embodiment of our new design with the least amount of liquid inside.

1 Claim, 5 Drawing Sheets



US D751,343 S

Page 2

(56)

References Cited

U.S. PATENT DOCUMENTS

D648,182 S *	11/2011	Kraemer	D7/532	
D682,617 S *	5/2013	Miksovsky et al.	D7/512	* cited by examiner
D710,701 S *	8/2014	Lai	D9/456	
D713,204 S *	9/2014	Katterheinrich et al.	D7/517	
D727,098 S *	4/2015	Saxton et al.	D7/509	

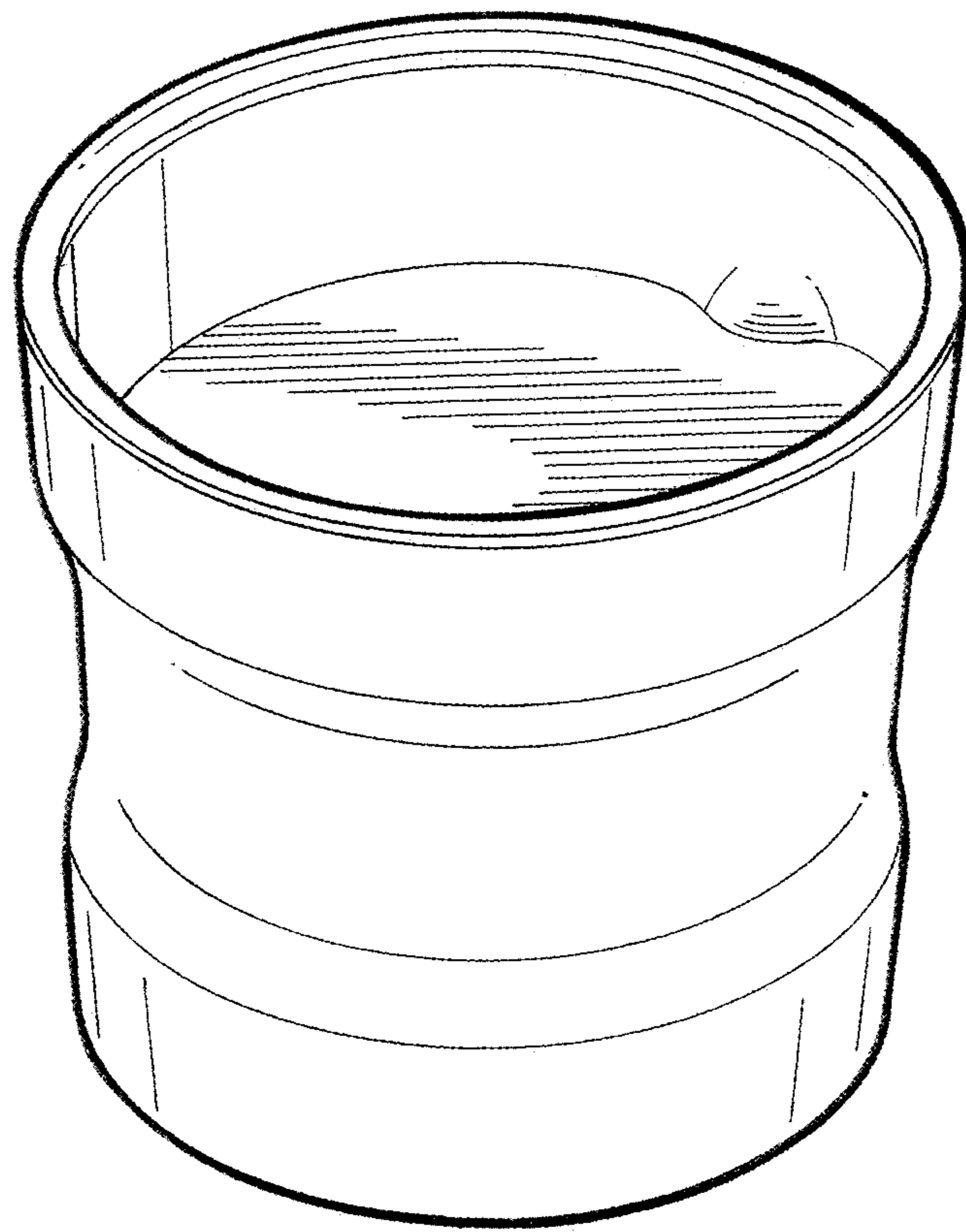


FIG. 1

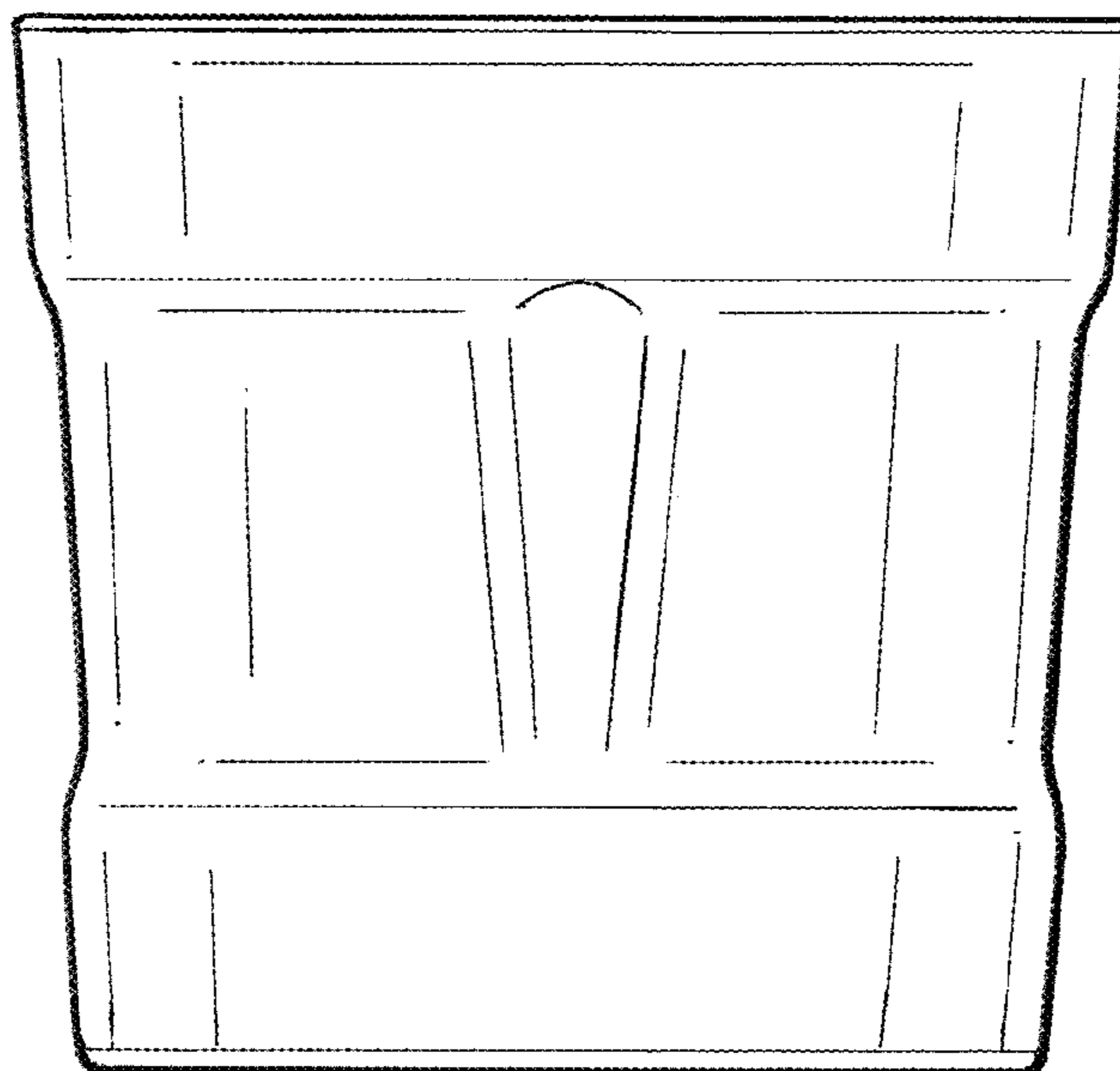


FIG. 2

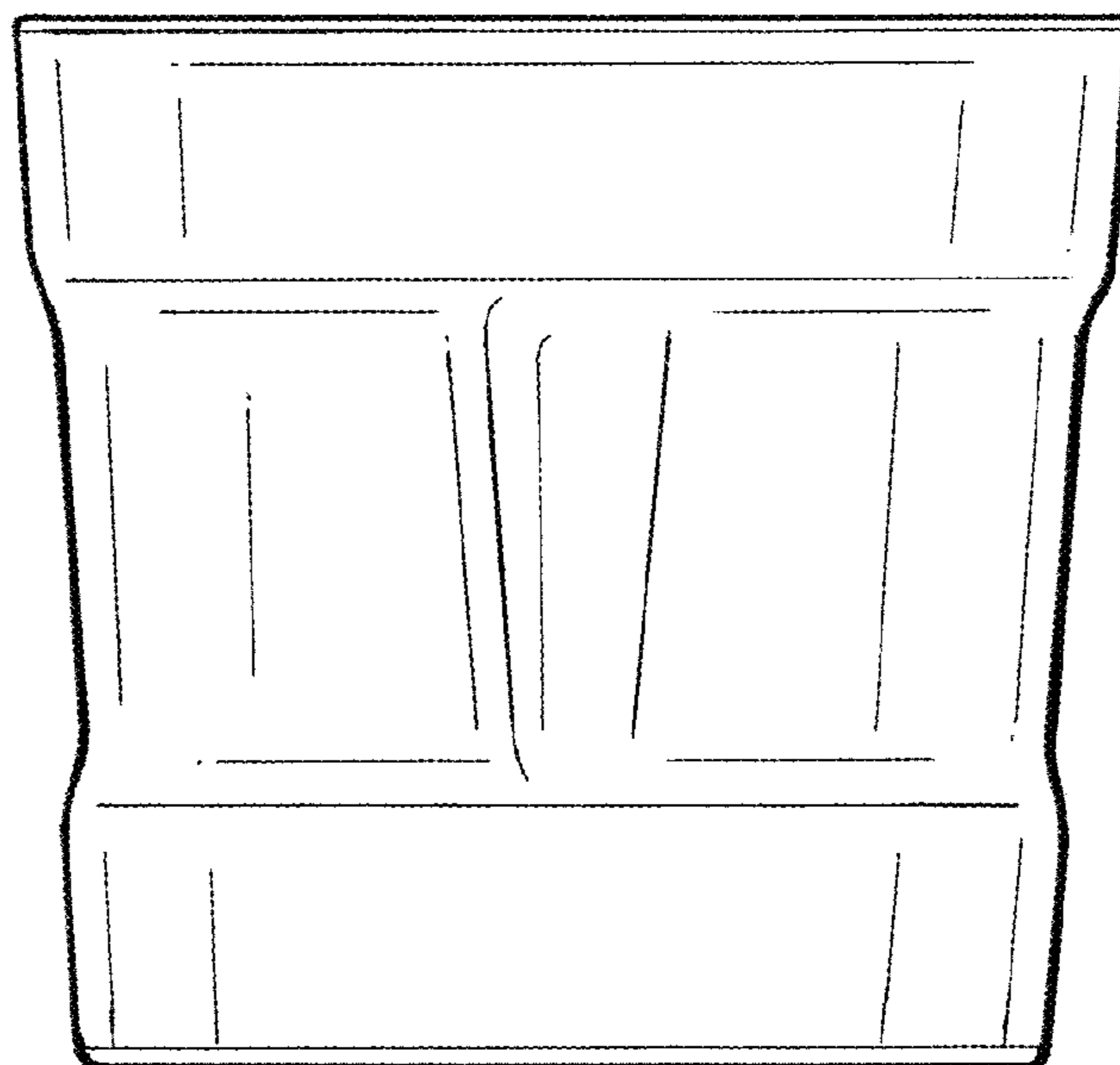


FIG. 3

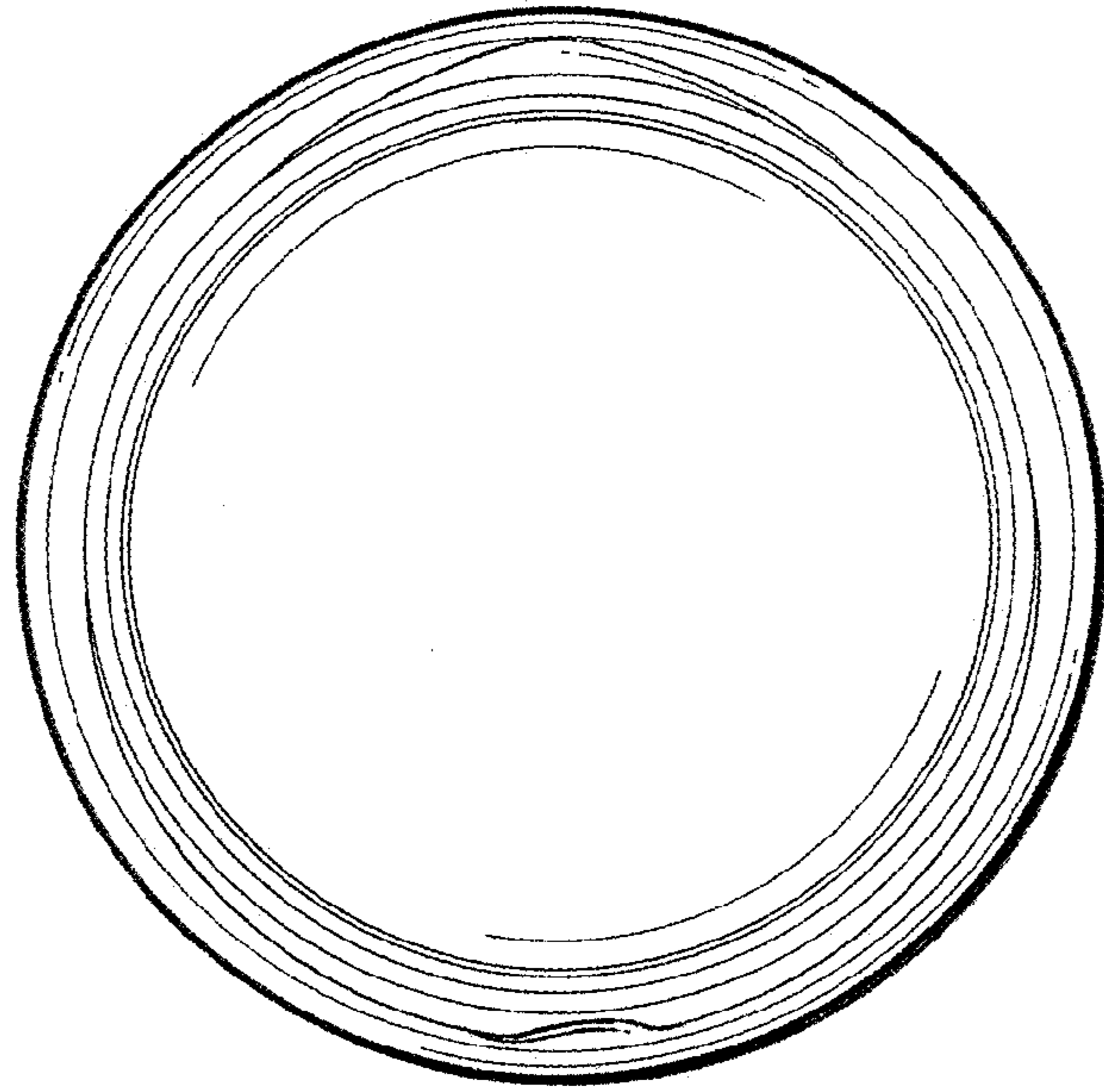


FIG. 4

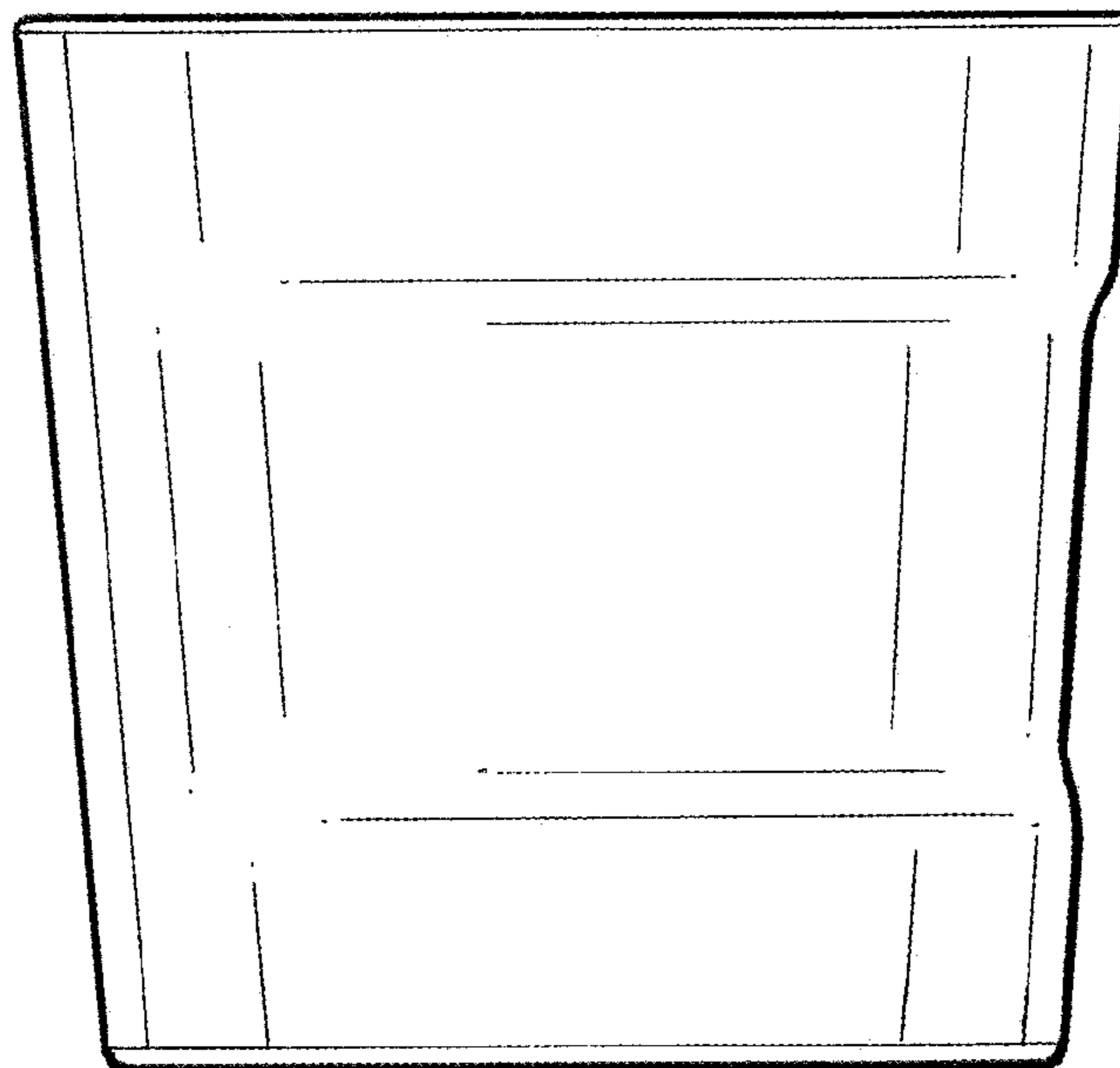


FIG. 5

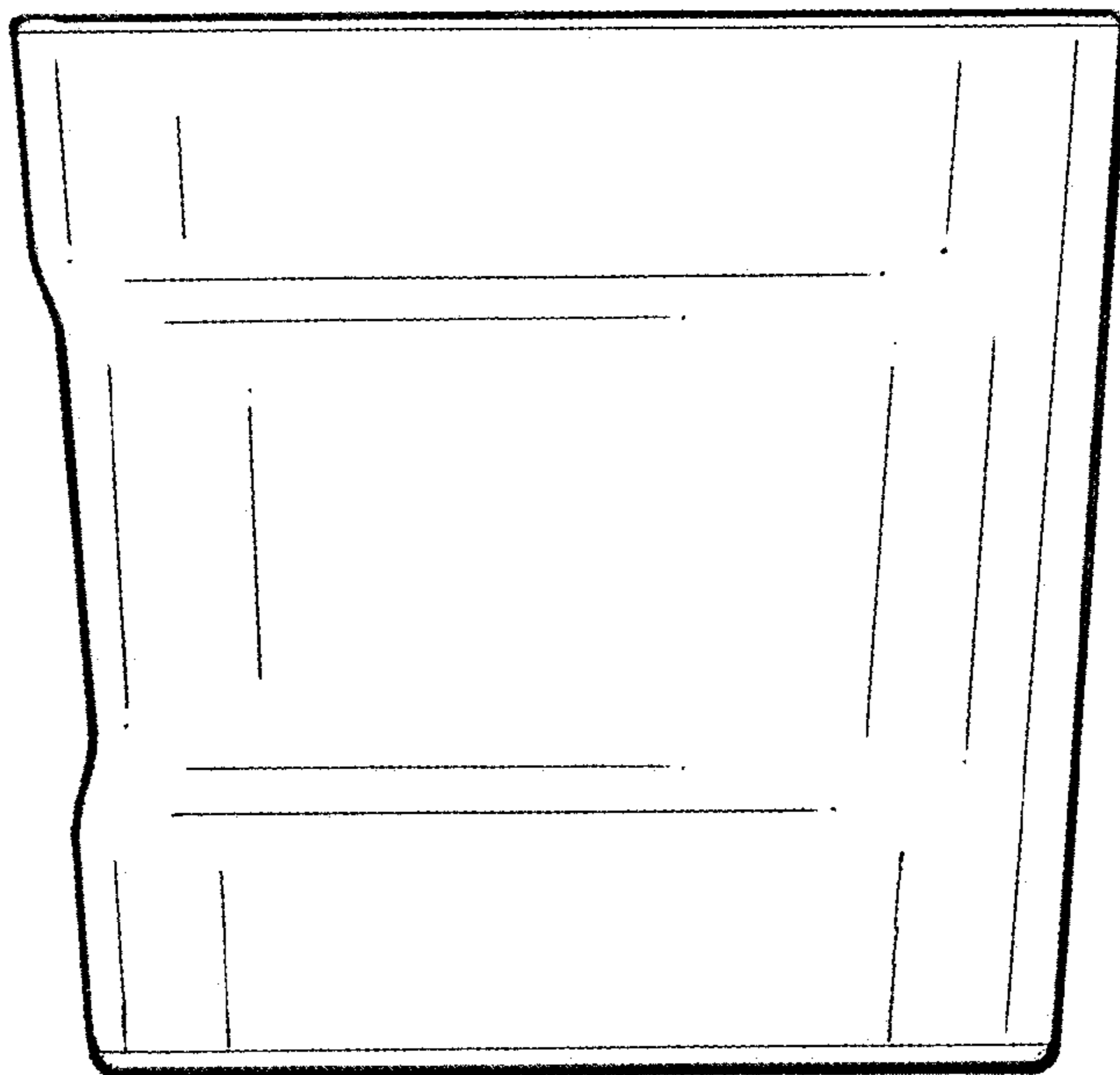


FIG. 6

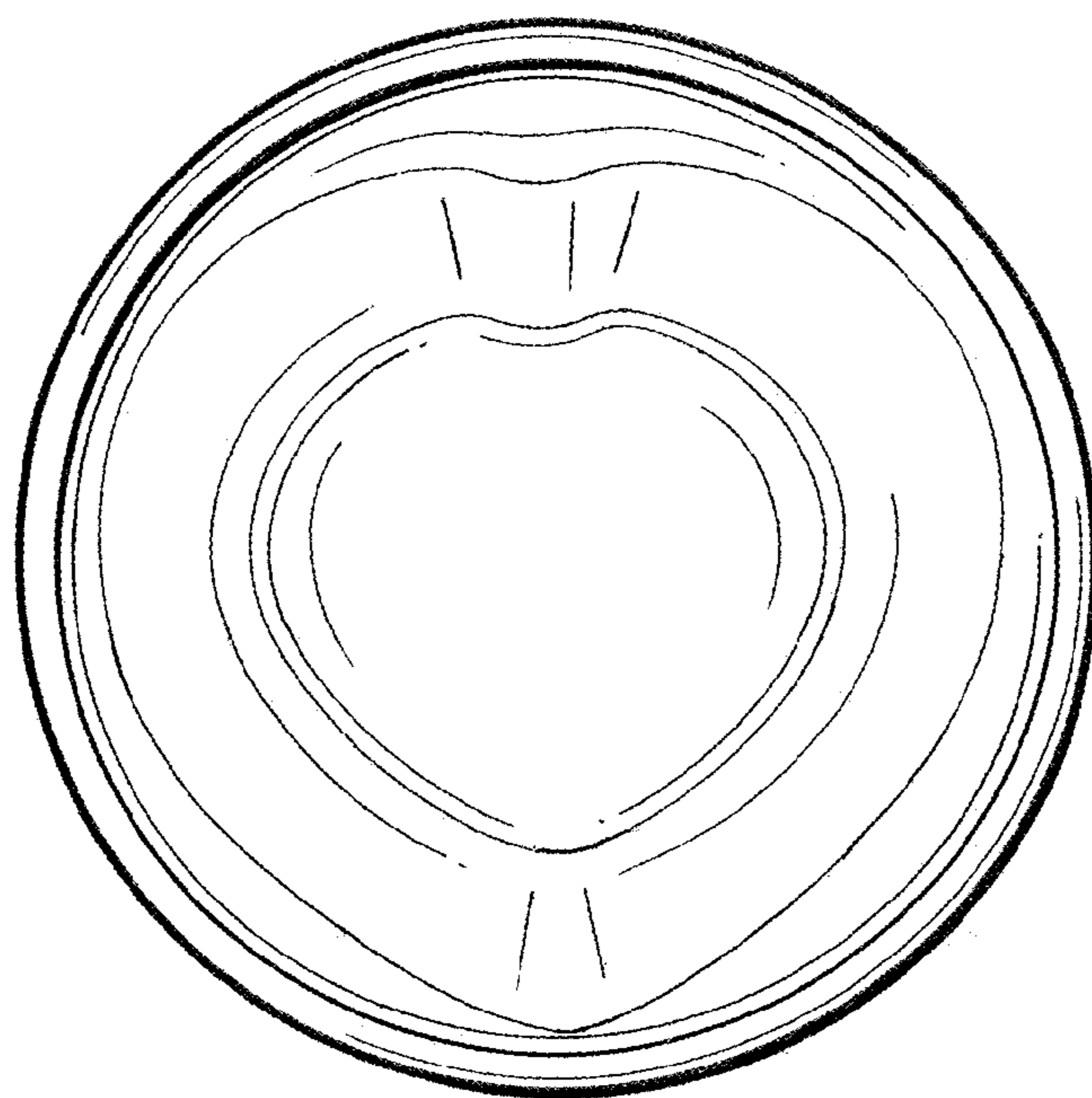


FIG. 7

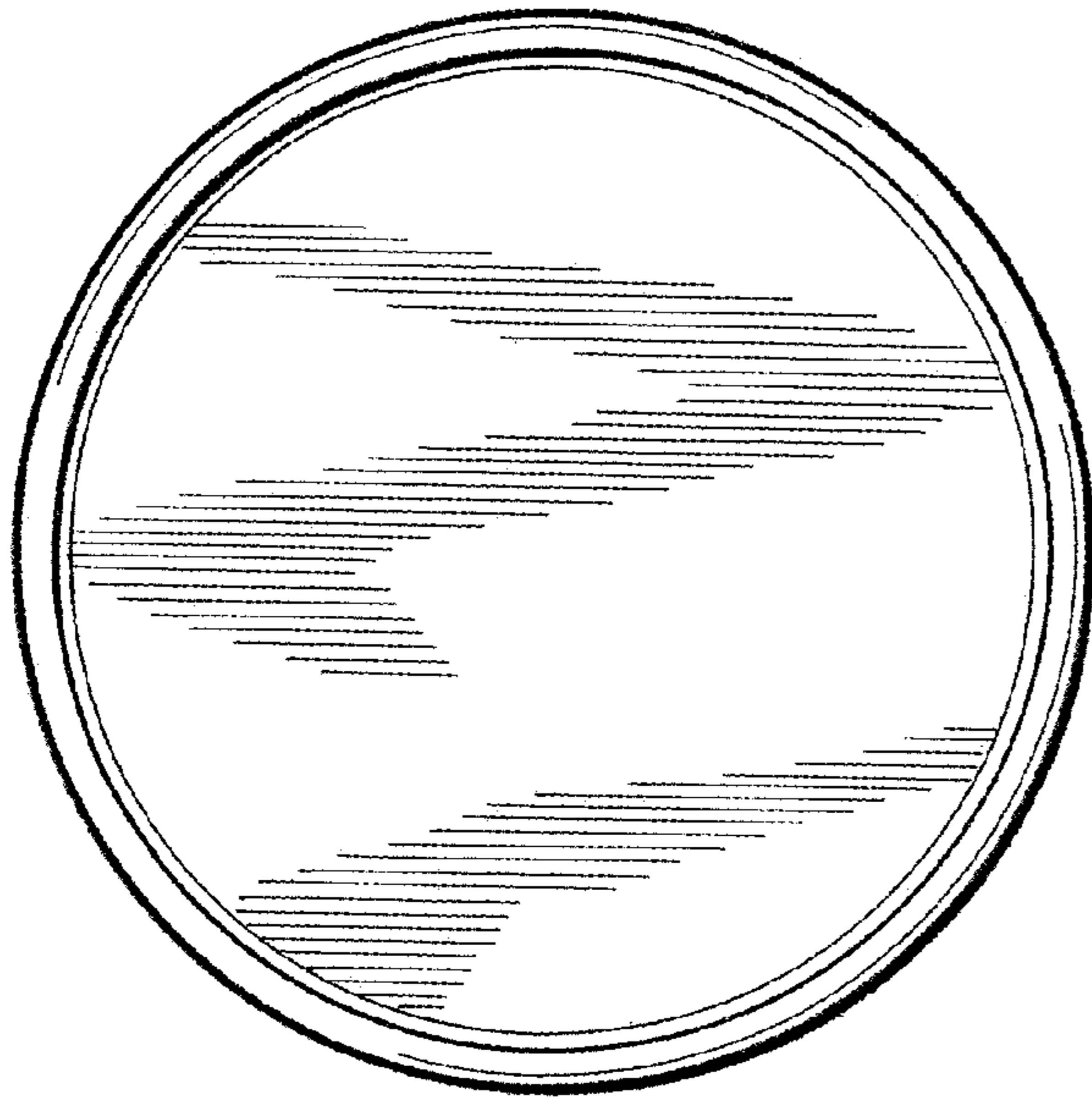


FIG. 8

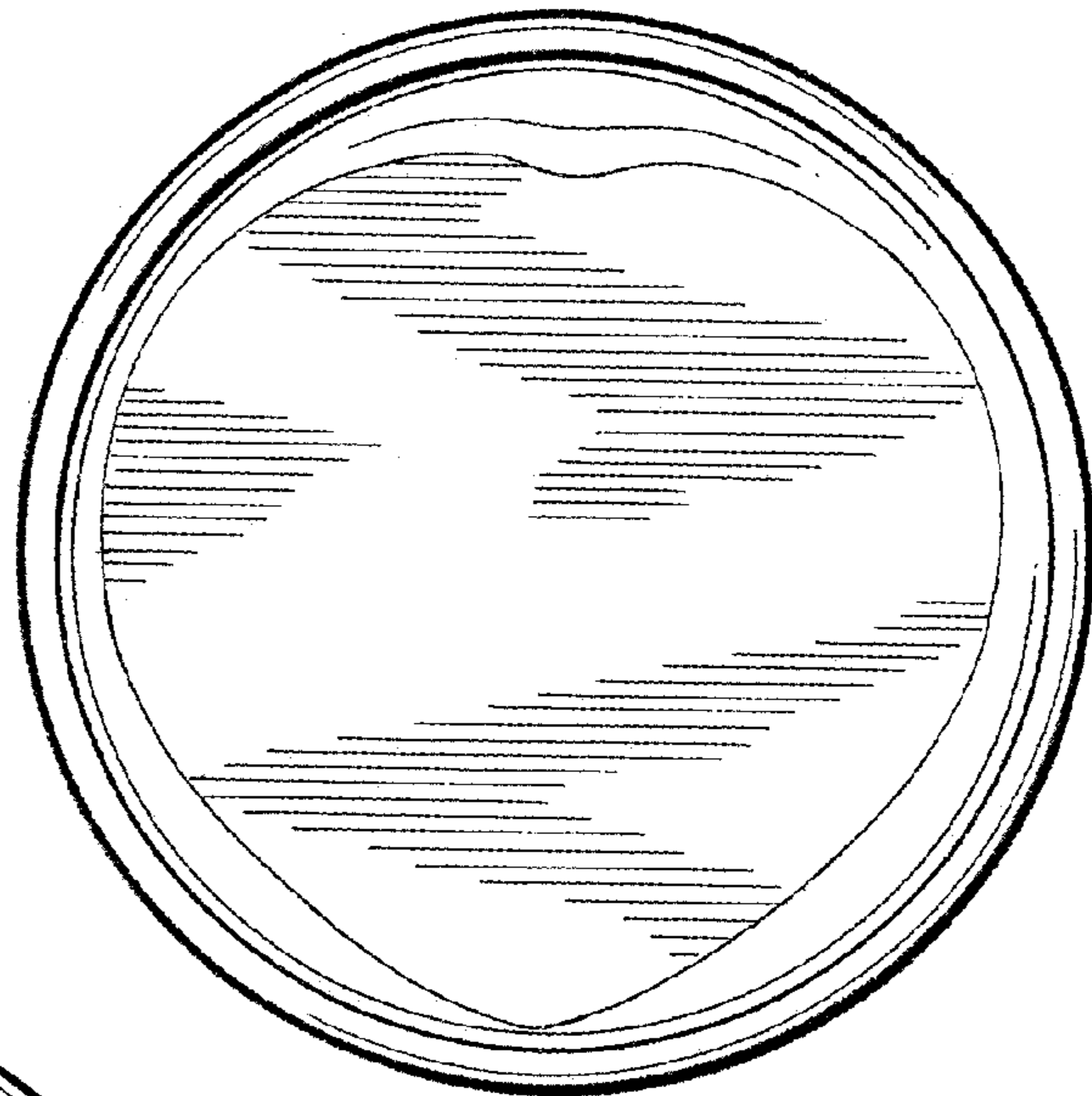


FIG. 9

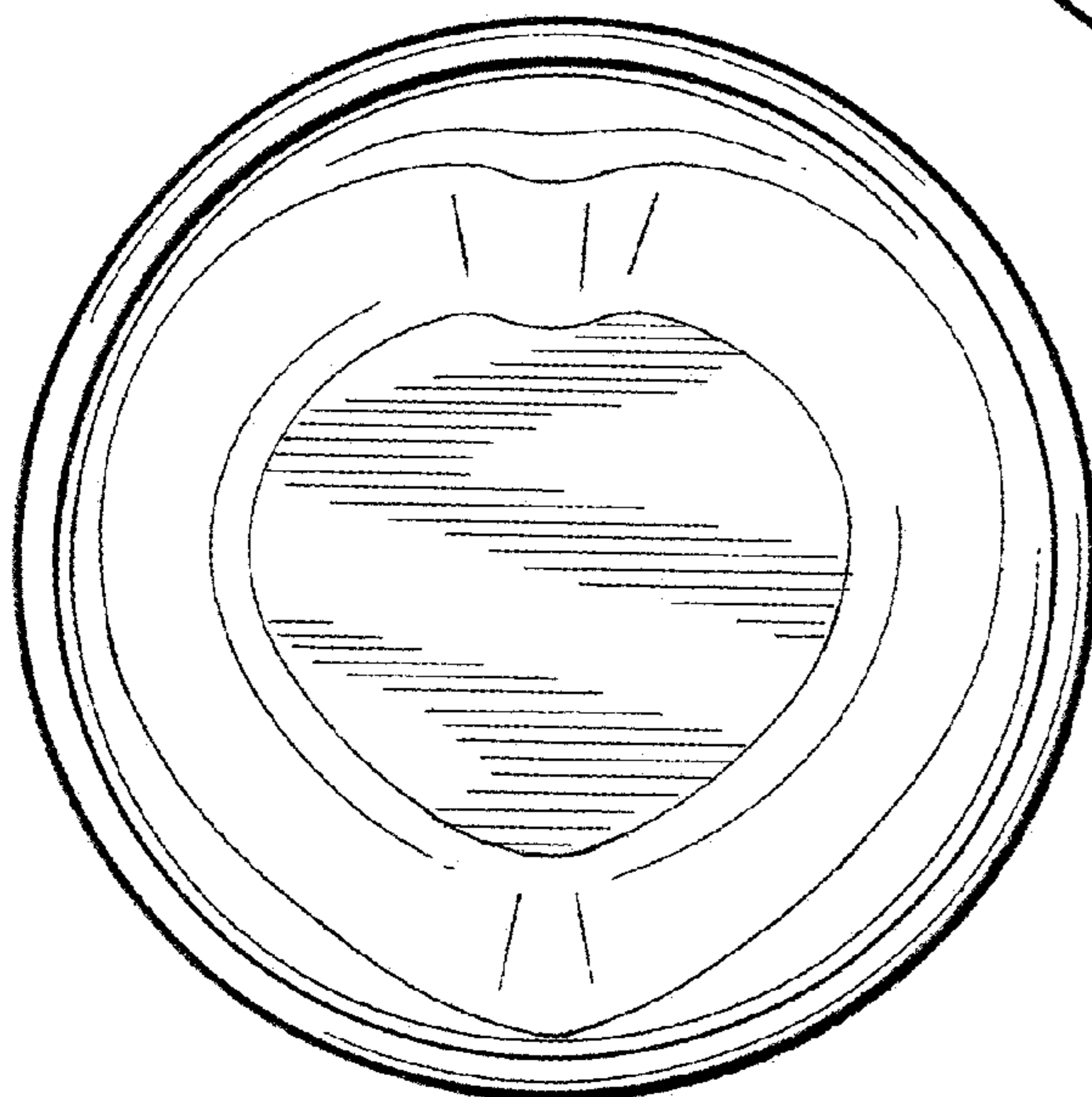


FIG. 10