



US00D589344S

(12) **United States Design Patent**
Lang

(10) **Patent No.:** **US D589,344 S**
(45) **Date of Patent:** **** Mar. 31, 2009**

(54) **PAPER CUP WITH INTEGRAL CLOSURE**

(76) Inventor: **Robert J. Lang**, 899 Forest La., Alamo, CA (US) 94507

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

(21) Appl. No.: **29/317,118**

(22) Filed: **Apr. 23, 2008**

(51) **LOC (9) Cl.** **09-03**

(52) **U.S. Cl.** **D9/431**

(58) **Field of Classification Search** D9/430-433, D9/414, 418, 420-423, 435, 560, 561; D3/201, D3/272, 273, 305; 206/278, 297, 299, 320, 206/339, 433, 769, 770, 775, 776, 781, 782, 206/822; 229/100, 103.3, 104-106, 107, 229/108, 108.1, 110, 111, 112, 115, 117.16, 229/120, 125.015, 120.32, 133.24, 122.29, 229/124, 160.1, 162.1, 162.6, 163, 182.1, 229/201, 406, 407, 902, 904, 906, 922, 930, 229/939, 942, 122; D7/511, 512
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 1,915,027 A * 6/1933 Meyer-Jagenberg 229/4.5
- 2,014,477 A * 9/1935 Lee 229/4.5
- 2,091,291 A * 8/1937 Ringler 229/109
- 2,134,321 A * 10/1938 Amberg 229/106
- 2,168,186 A * 8/1939 Adamson 229/106
- 2,387,778 A * 10/1945 Stocking 229/4.5
- 2,761,611 A * 9/1956 Benschoter 229/110
- 3,315,018 A * 4/1967 Commeyras 264/51
- 3,549,081 A * 12/1970 Nelson 229/117
- 3,700,161 A * 10/1972 Bundy 229/110
- 3,924,795 A * 12/1975 Smith 229/4.5
- 3,985,285 A * 10/1976 Kitagawa 229/103.3
- D256,219 S * 8/1980 Miyazaki D9/414
- D272,130 S * 1/1984 Miyazaki D9/431
- 4,706,874 A * 11/1987 Reil 222/526
- 4,712,725 A 12/1987 Moore
- 4,714,164 A * 12/1987 Bachner 206/518
- 4,795,082 A * 1/1989 Fujihara et al. 229/109

- 4,805,775 A * 2/1989 Fear 206/459.1
- 4,850,528 A * 7/1989 Hanus 229/138
- D306,975 S * 4/1990 Brondyke et al. D9/431
- 4,930,680 A * 6/1990 Hanus 229/110
- 5,358,175 A * 10/1994 Cai 229/117.14
- D367,816 S * 3/1996 Cai D9/431
- 5,558,272 A * 9/1996 Magister 229/109
- 5,676,306 A 10/1997 Lankin et al.
- D387,984 S * 12/1997 Magister D9/430
- D402,197 S * 12/1998 Poulin D9/712

(Continued)

FOREIGN PATENT DOCUMENTS

GB 2380397 4/2003

OTHER PUBLICATIONS

Fujimoto, Shuzo, "Rittai Origami" published in 1976.
Fuse, Tomoko, "Ichimai Ori No Haku", published in 1992.
"Origami in Action", published in 1997.

Primary Examiner—T. Chase Nelson

Assistant Examiner—Karen Acker

(74) *Attorney, Agent, or Firm*—Schneck & Schneck; Thomas Schneck

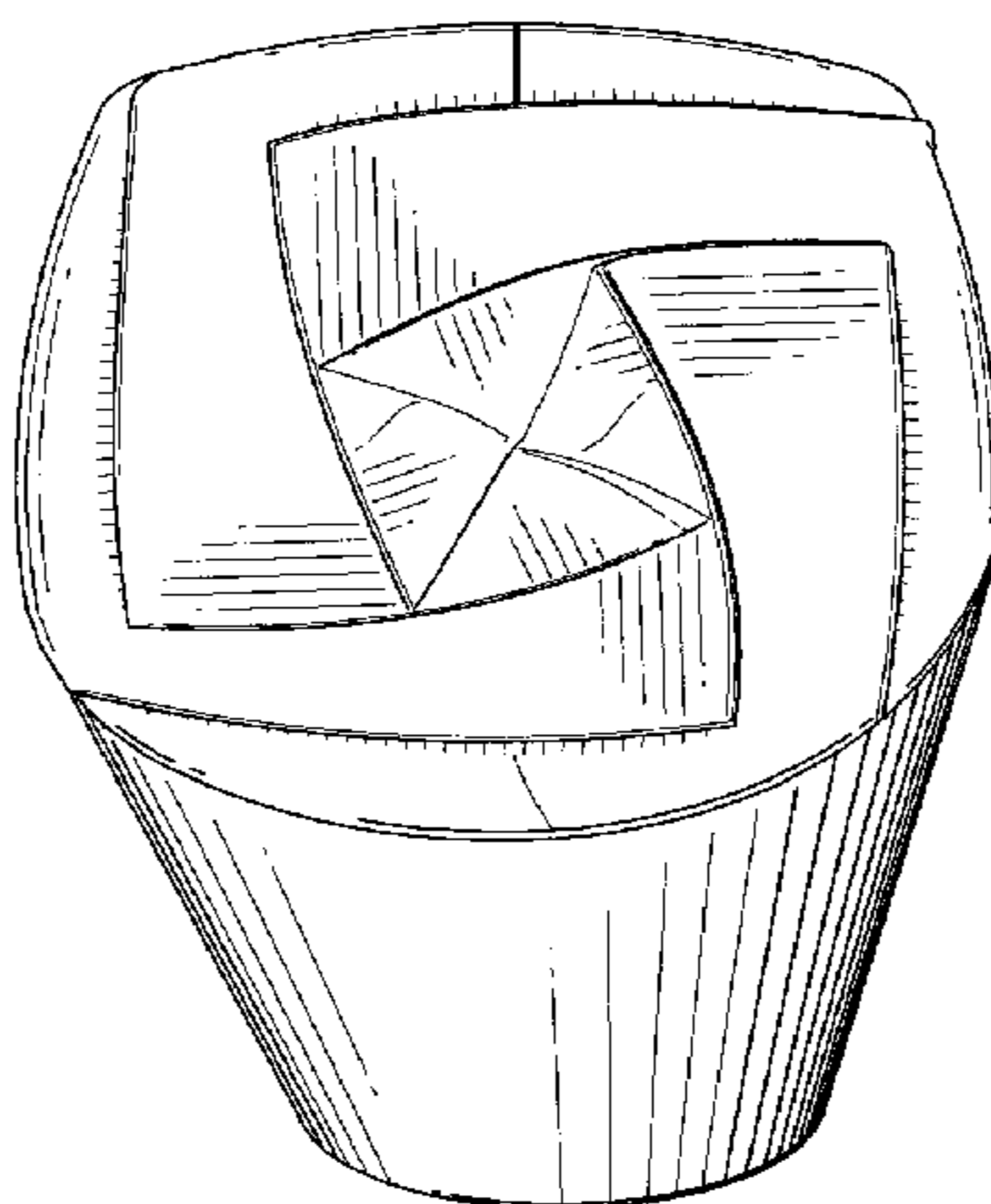
(57) **CLAIM**

I claim the ornamental design for the paper cup with integral closure, as shown.

DESCRIPTION

FIG. 1 is an upper perspective view of a paper cup with integral closure of my new design;
FIG. 2 is a rear elevational view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.

1 Claim, 4 Drawing Sheets



US D589,344 S

Page 2

U.S. PATENT DOCUMENTS

D405,689	S	*	2/1999	Moon	.....	D9/433	6,592,504	B2	*	7/2003	Sarson et al.	.....	493/104
D406,058	S	*	2/1999	Allmon	.....	D9/433	6,758,390	B2	*	7/2004	Sarson et al.	.....	229/128
5,960,987	A	*	10/1999	Solland et al.	.....	220/834	D495,209	S	*	8/2004	Tranfaglia et al.	.....	D7/512
6,164,488	A	*	12/2000	Solland et al.	.....	220/834	D502,364	S	*	3/2005	Chan	.....	D7/511
D469,691	S	*	2/2003	Brondyke et al.	.....	D9/431	6,955,289	B2	*	10/2005	Green	.....	229/128

* cited by examiner

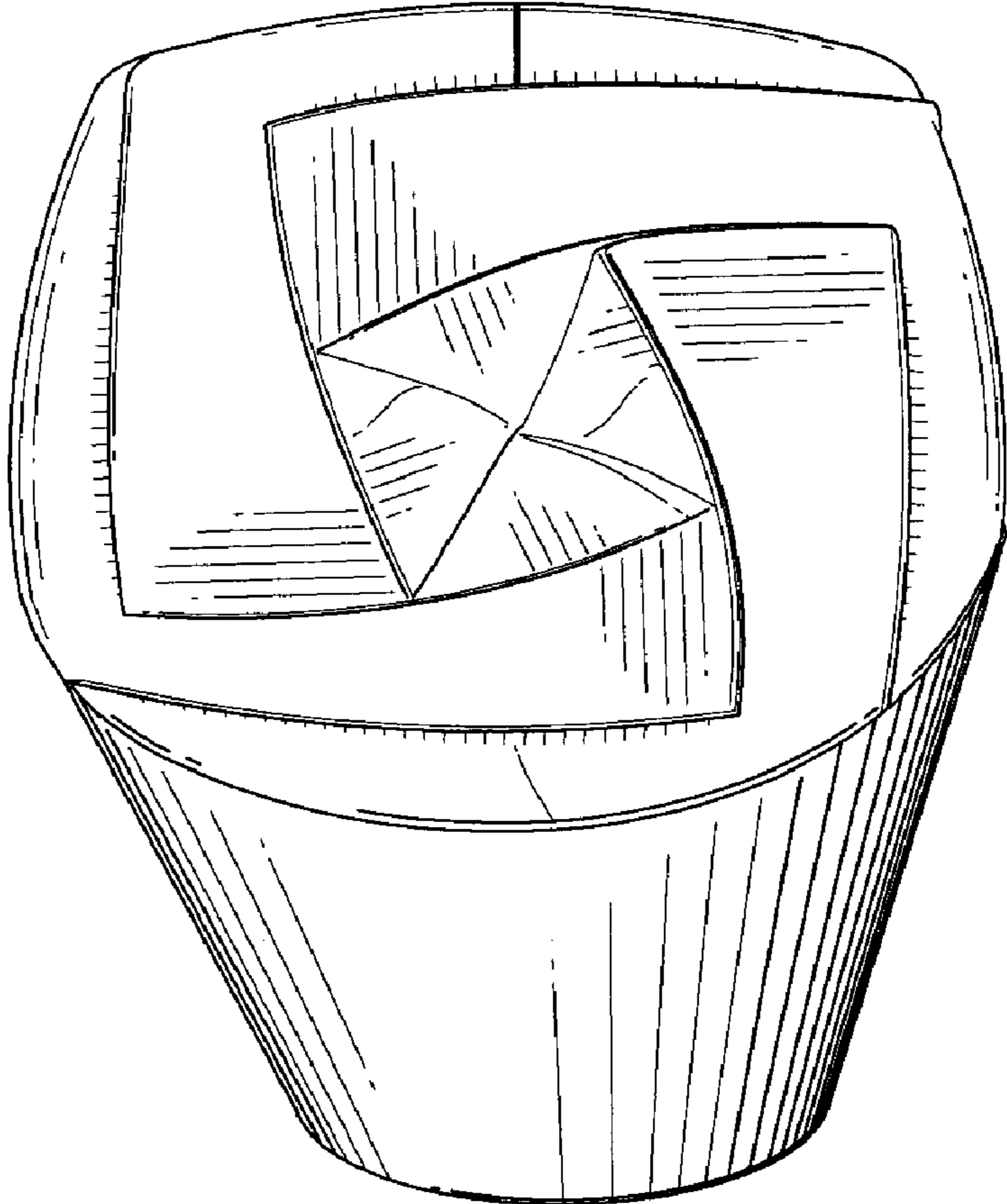


Fig. 1

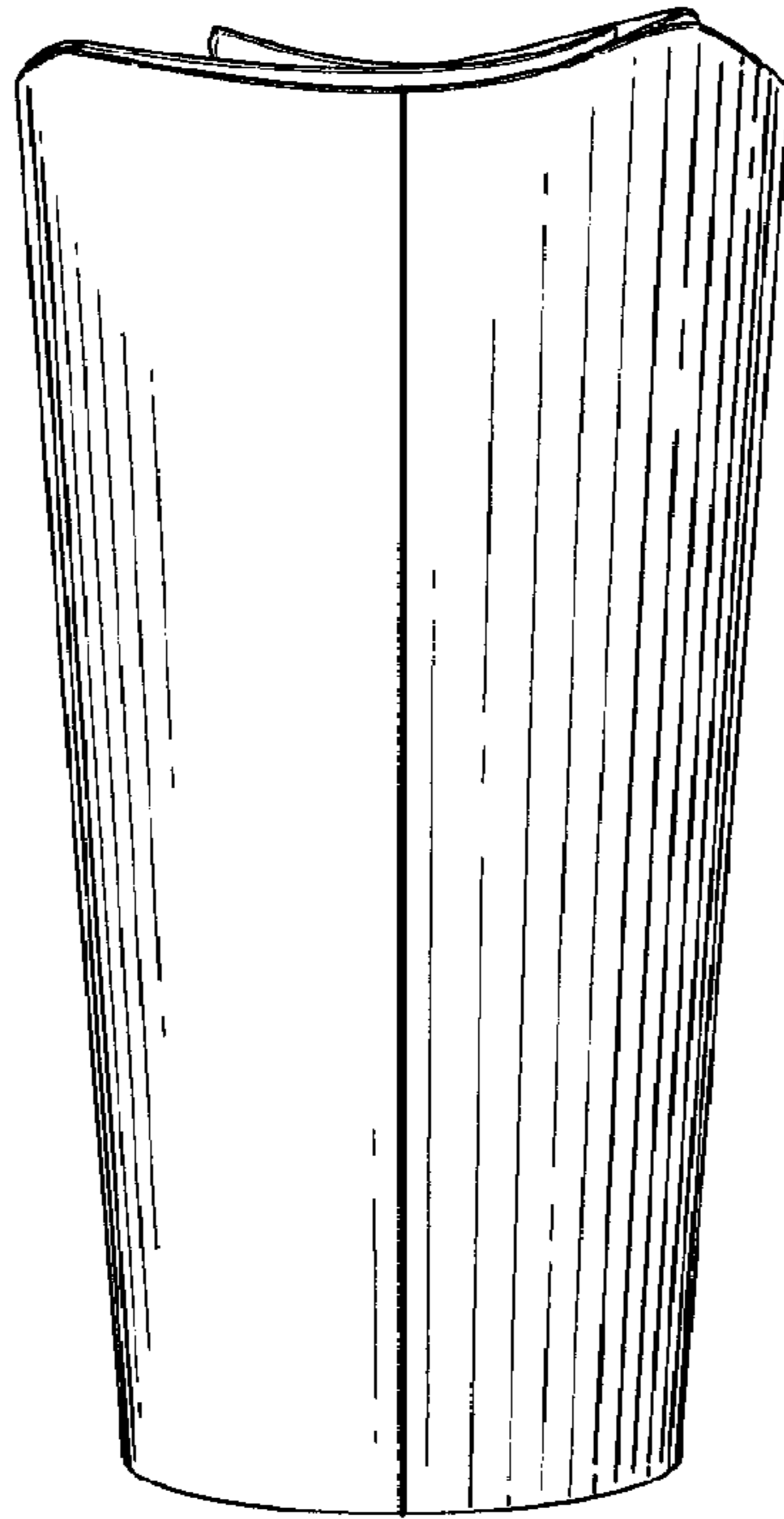


Fig. 2

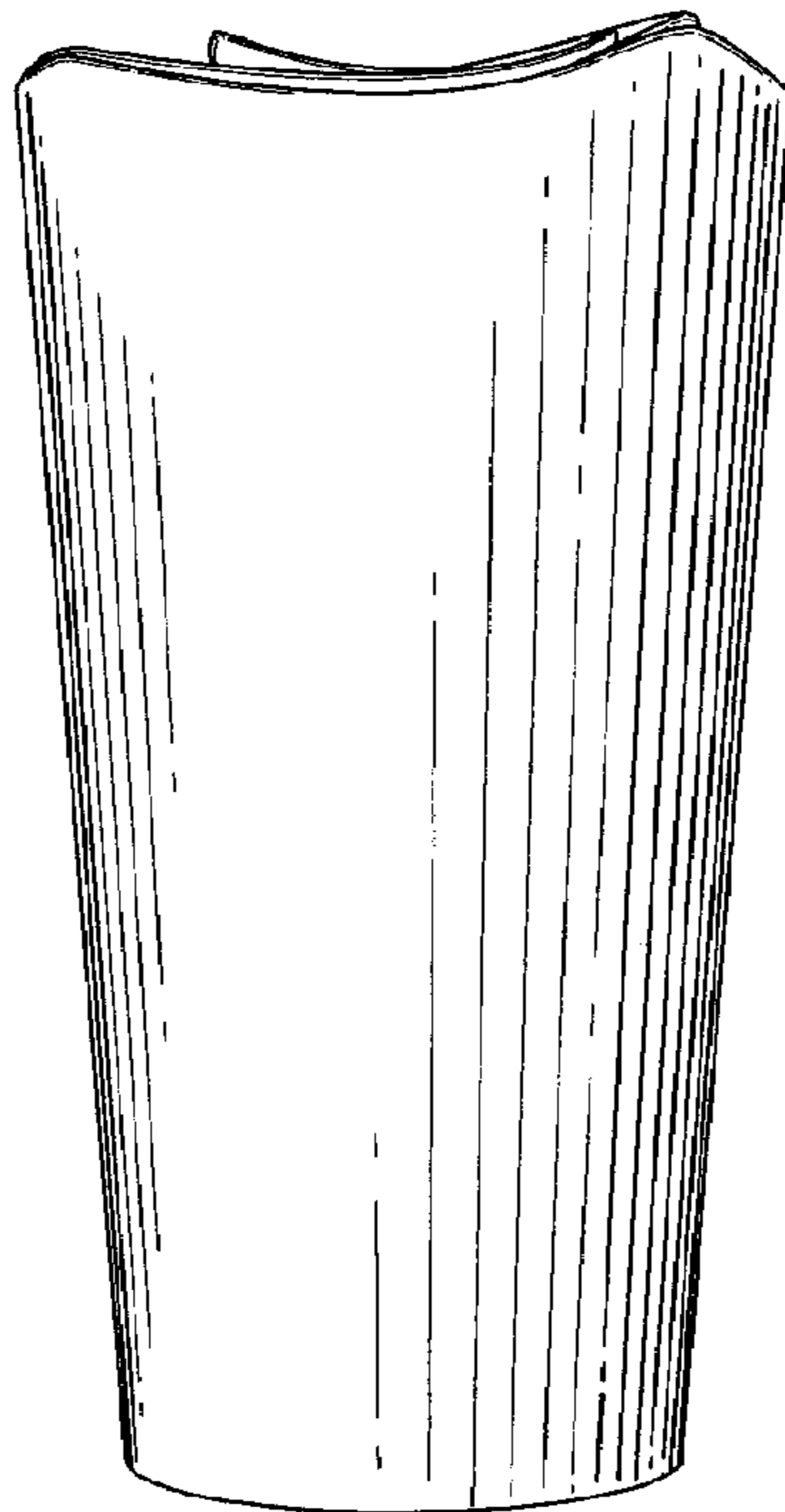


Fig. 3

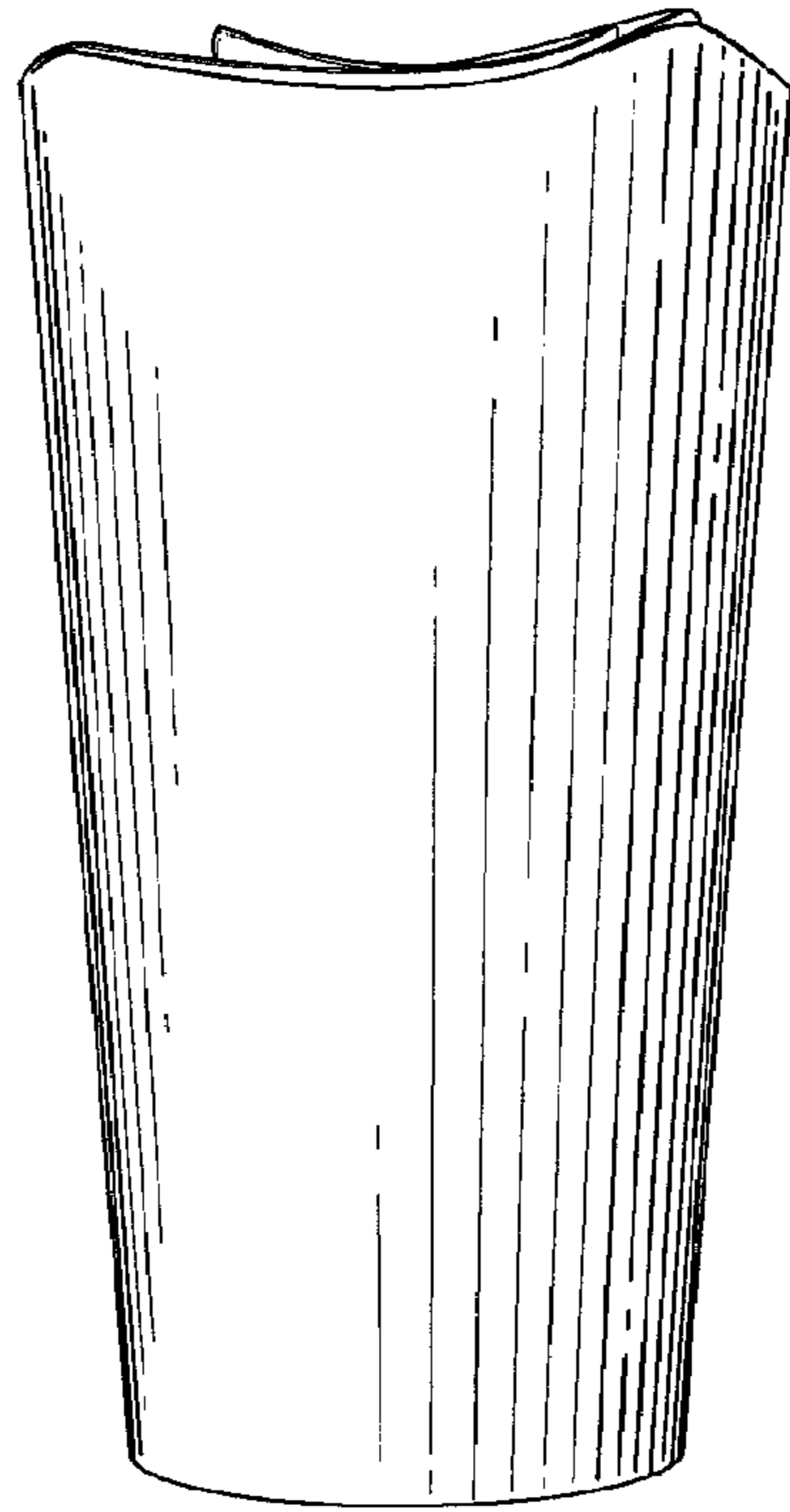


Fig. 4

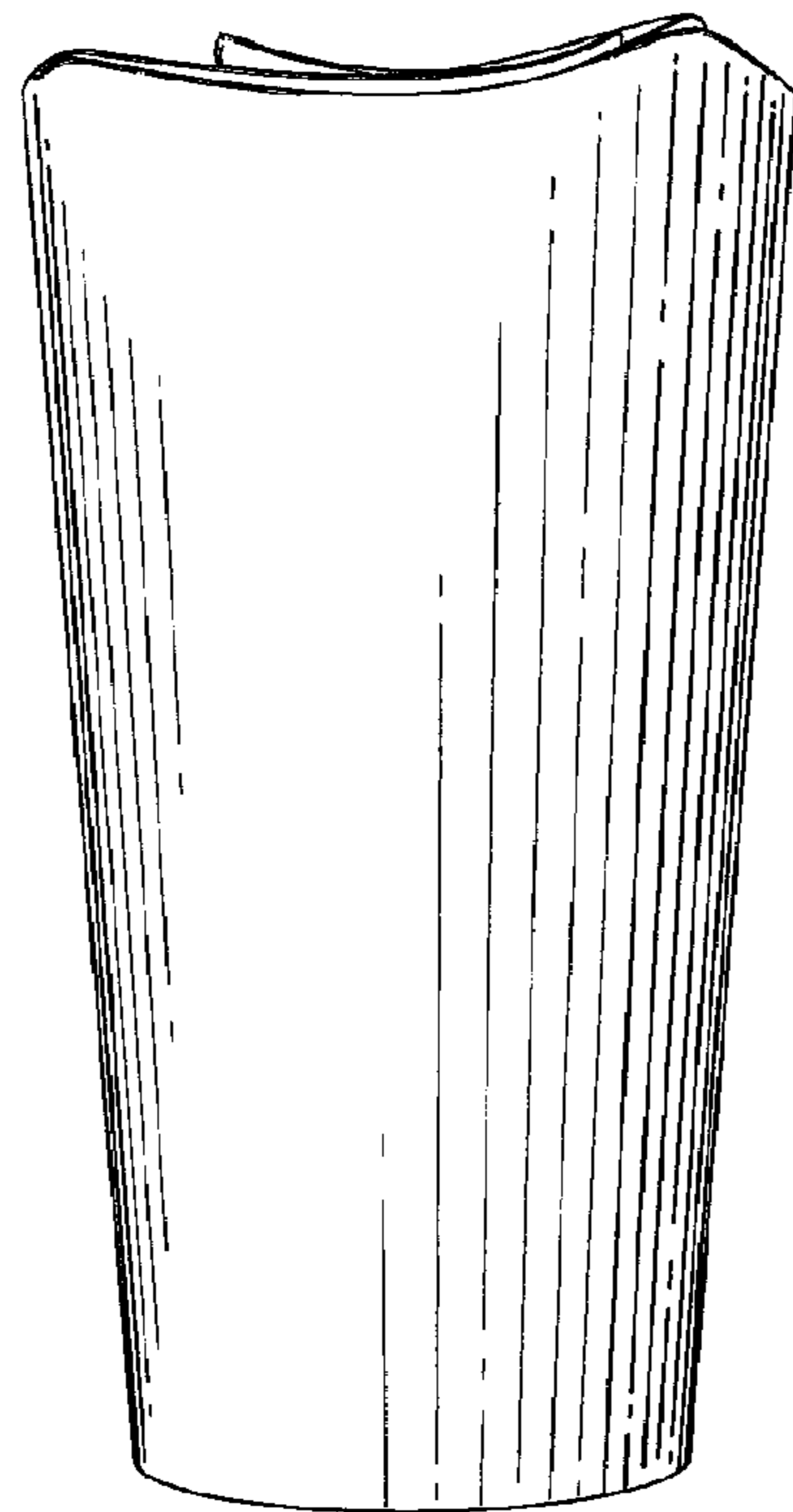


Fig. 5

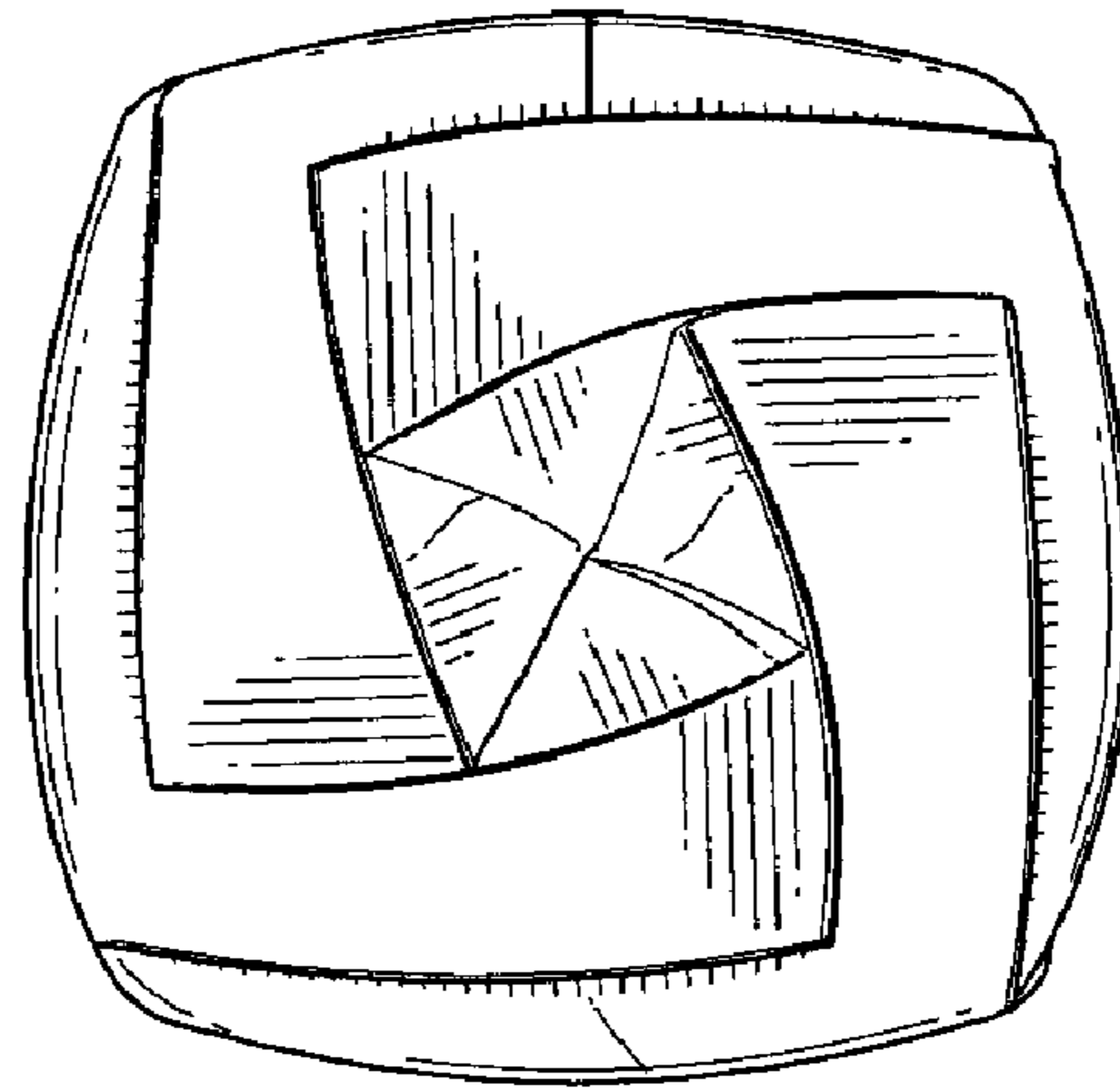


Fig. 6

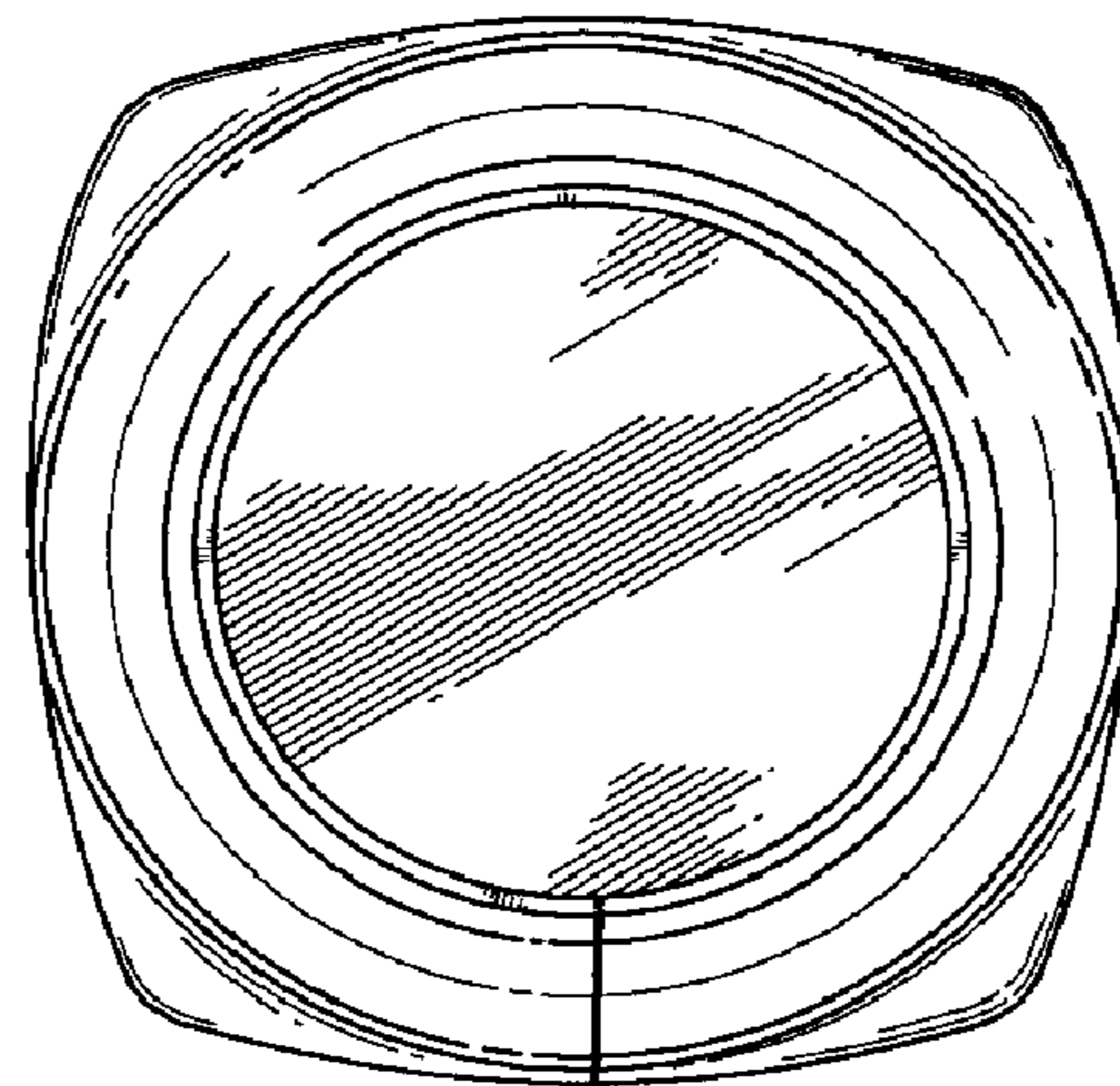


Fig. 7