



US00D554309S

(12) **United States Design Patent** (10) **Patent No.:** **US D554,309 S**
Wolk et al. (45) **Date of Patent:** **** Oct. 30, 2007**

(54) **CLEANING PAD**

(75) Inventors: **Diane R. Wolk**, Woodbury, MN (US);
Amy M. Kunz, New Richmond, WI (US);
Michael J. Kubes, Oakdale, MN (US);
Shivshankar Venkataramani, Eagan, MN (US);
Mark W. Nelson, Lino Lakes, MN (US);
Perry S. Dotterman, Maplewood, MN (US);
Byron E. Trotter, St. Paul, MN (US)

(73) Assignee: **3M Innovative Properties Company**,
St. Paul, MN (US)

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

(21) Appl. No.: **29/222,360**

(22) Filed: **Jan. 28, 2005**

(51) **LOC (8) Cl.** **04-01**

(52) **U.S. Cl.** **D32/40**

(58) **Field of Classification Search** D6/608;
D28/63; D32/35, 40, 50; 15/208, 209.1,
15/227, 229.11, 210.1, 220.1, 228, 246, 244.1,
15/244.4, 244.3, DIG. 9
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|-----------|-----|---------|-----------|-----------|
| 1,100,367 | A * | 6/1914 | Gambill | 15/244.1 |
| 1,420,180 | A * | 6/1922 | Casmire | 15/229.4 |
| 1,520,148 | A * | 12/1924 | Shickluna | 15/229.8 |
| 1,946,321 | A * | 2/1934 | Hunter | 15/228 |
| 1,998,278 | A * | 4/1935 | Halsey | 15/149 |
| 2,247,883 | A * | 7/1941 | Johnson | 15/229.8 |
| 2,668,312 | A * | 2/1954 | Solomon | 15/229.6 |
| 2,691,185 | A * | 10/1954 | Jones | 15/227 |
| 2,759,210 | A * | 8/1956 | Cordis | 401/23 |
| 2,936,474 | A * | 5/1960 | Custer | 15/230.11 |

(Continued)

FOREIGN PATENT DOCUMENTS

WO DM/062371 * 10/2002

WO DM/062132 * 11/2002
WO DM/065886 * 7/2004
WO WO 2005/023080 3/2005

Primary Examiner—Cathron C. Brooks
Assistant Examiner—Barbara Fox
(74) *Attorney, Agent, or Firm*—Trisha D. Adamson

(57) **CLAIM**

The ornamental design for a cleaning pad, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a cleaning pad showing our new design according to a first embodiment of the invention;

FIG. 2 is a top view thereof, the bottom view thereof being a mirror image of the top view shown;

FIG. 3 is a left side view thereof, the right side view thereof being a mirror image of the left side view shown;

FIG. 4 is a rear end view thereof;

FIG. 5 is a front end view thereof;

FIG. 6 is a perspective view of a cleaning pad showing our new design according to a second embodiment of the invention, the only difference being that the top surface has a blue color;

FIG. 7 is a top view thereof

FIG. 8 is a bottom view thereof;

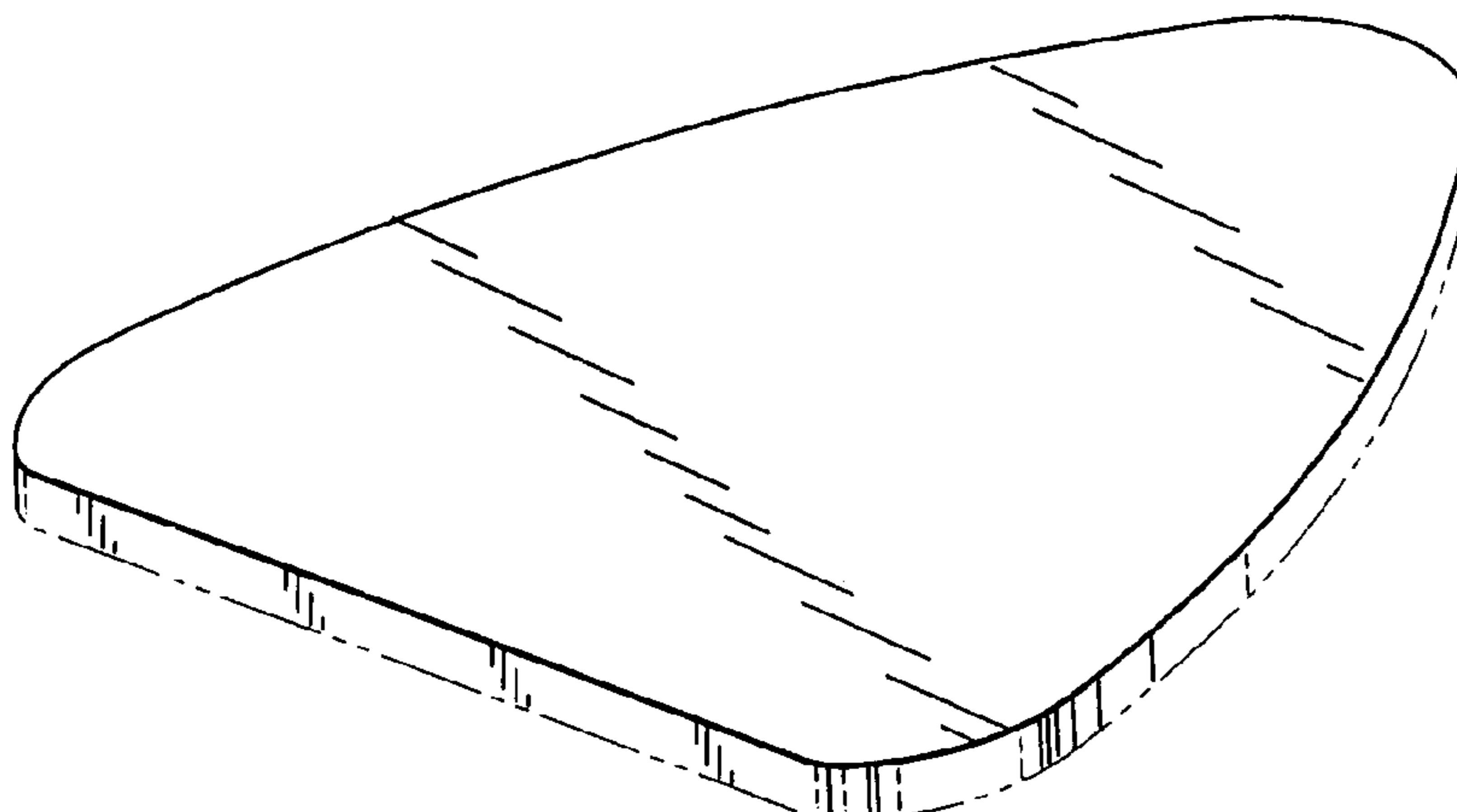
FIG. 9 is a left side view thereof, the right side view thereof being a mirror image of the left side view shown;

FIG. 10 is a rear view thereof; and,

FIG. 11 is a front view thereof.

The broken lines in the drawings are shown for illustrative purposes only and form no part of the claimed design. In addition, the surface shading illustrated in the drawings is provided merely to highlight the contour of design; it is not intended to be illustrative of texture or gloss.

1 Claim, 3 Drawing Sheets



US D554,309 S

Page 2

U.S. PATENT DOCUMENTS

| | | | | | | | |
|----------------|---------|------------------------|-----------|-------------------|---------|-----------------------|-----------|
| D188,237 S * | 6/1960 | Littleton | D32/50 | D468,878 S * | 1/2003 | Reede | D32/50 |
| D213,217 S * | 1/1969 | Littleton | D32/50 | 6,769,153 B1 * | 8/2004 | Post et al. | 15/220.1 |
| 3,528,120 A * | 9/1970 | Lindstrom | 15/228 | D496,511 S * | 9/2004 | Colburn et al. | D32/45 |
| 3,720,976 A * | 3/1973 | Bailey | 15/244.2 | 2002/0007527 A1 * | 1/2002 | Hart | 15/104.94 |
| D245,473 S * | 8/1977 | Heninger | D32/50 | 2004/0103490 A1 * | 6/2004 | Long et al. | 15/22.1 |
| D280,248 S * | 8/1985 | Hanson, Jr. | D32/50 | 2004/0200023 A1 * | 10/2004 | Post et al. | 15/220.1 |
| D300,905 S * | 5/1989 | Perkins | D9/415 | 2004/0237240 A1 * | 12/2004 | Post et al. | 15/220.1 |
| 5,477,582 A * | 12/1995 | Yamashita | 15/231 | 2004/0244132 A1 * | 12/2004 | Ouellette et al. | 15/227 |
| D374,750 S * | 10/1996 | Vanderhoef et al. | D32/50 | 2005/0034260 A1 * | 2/2005 | Post | 15/220.1 |
| 5,862,565 A * | 1/1999 | Lundstedt | 15/220.1 | 2005/0060827 A1 * | 3/2005 | James et al. | 15/144.2 |
| D414,005 S * | 9/1999 | Lehnertz | D32/45 | 2005/0283933 A1 * | 12/2005 | Mitchell et al. | 15/144.1 |
| D460,232 S * | 7/2002 | Weihrauch | D32/50 | 2006/0168748 A1 * | 8/2006 | Dotterman et al. | 15/115 |
| 6,485,822 B1 * | 11/2002 | Osiecki et al. | 428/316.6 | | | | |

* cited by examiner

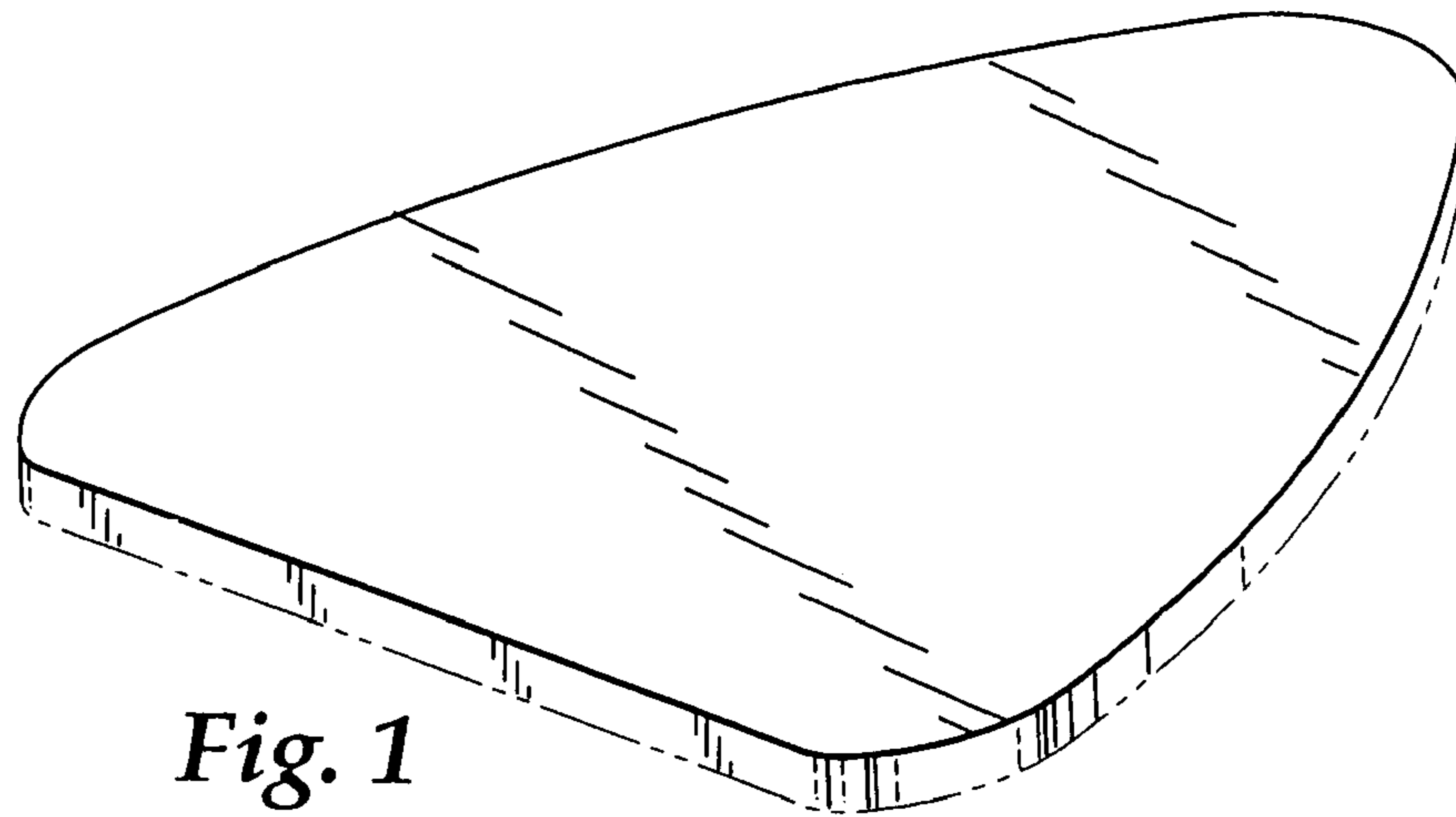


Fig. 1

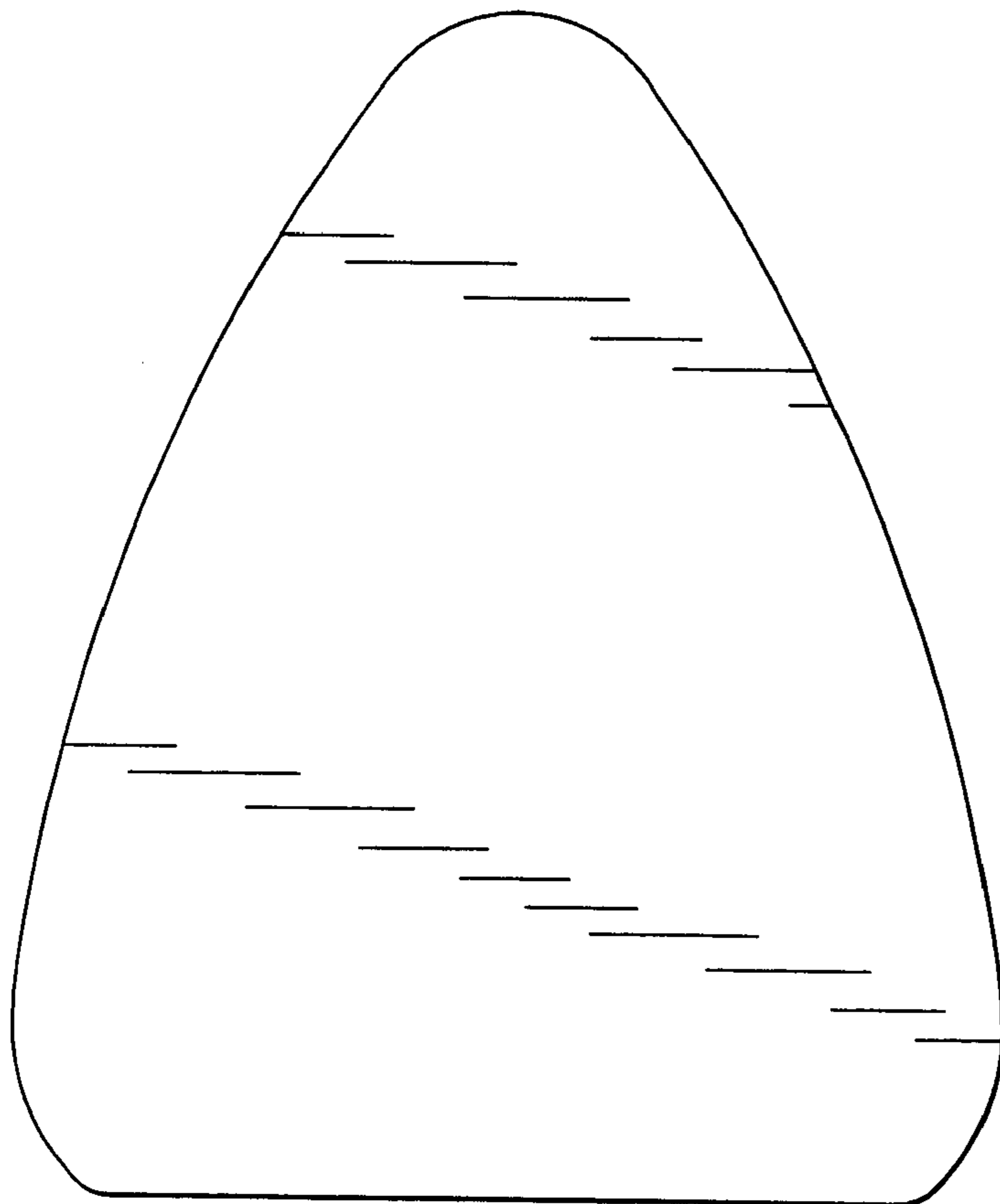


Fig. 2



Fig. 3

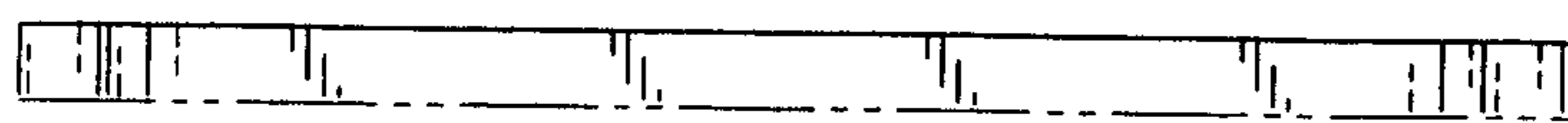


Fig. 4



Fig. 5

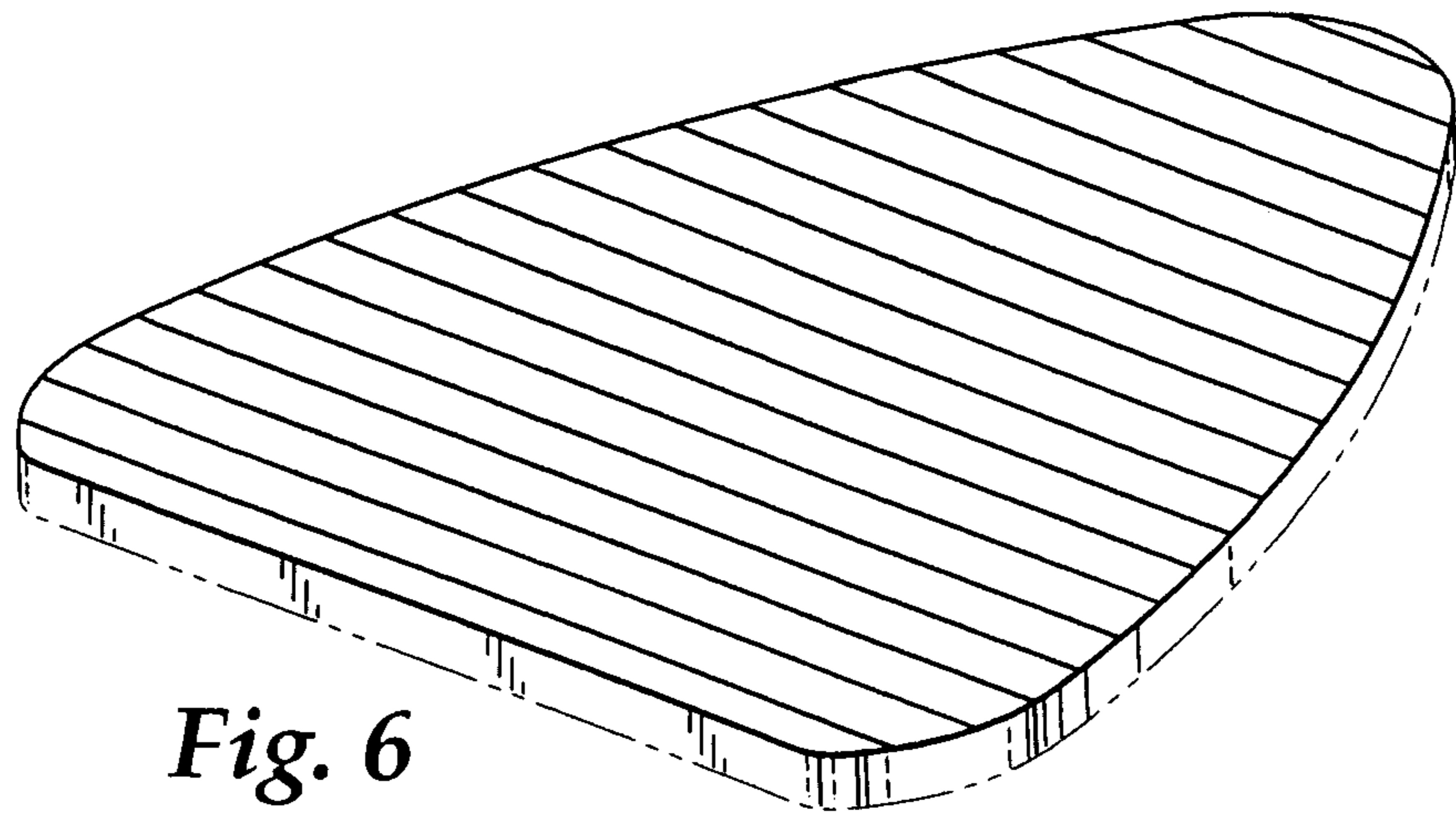


Fig. 6

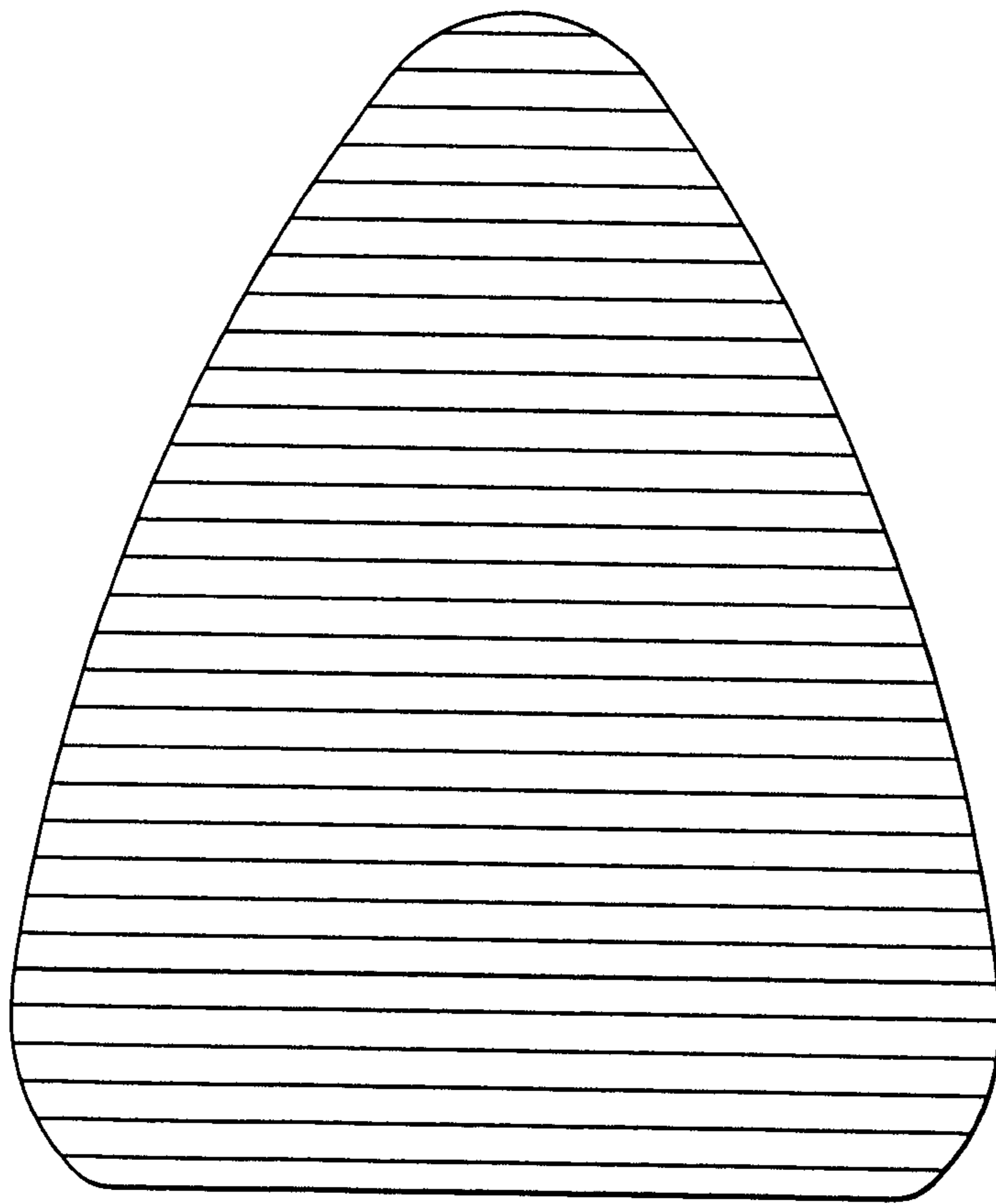


Fig. 7



Fig. 9

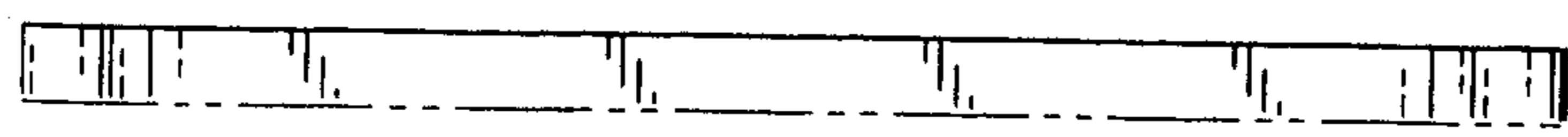


Fig. 10



Fig. 11

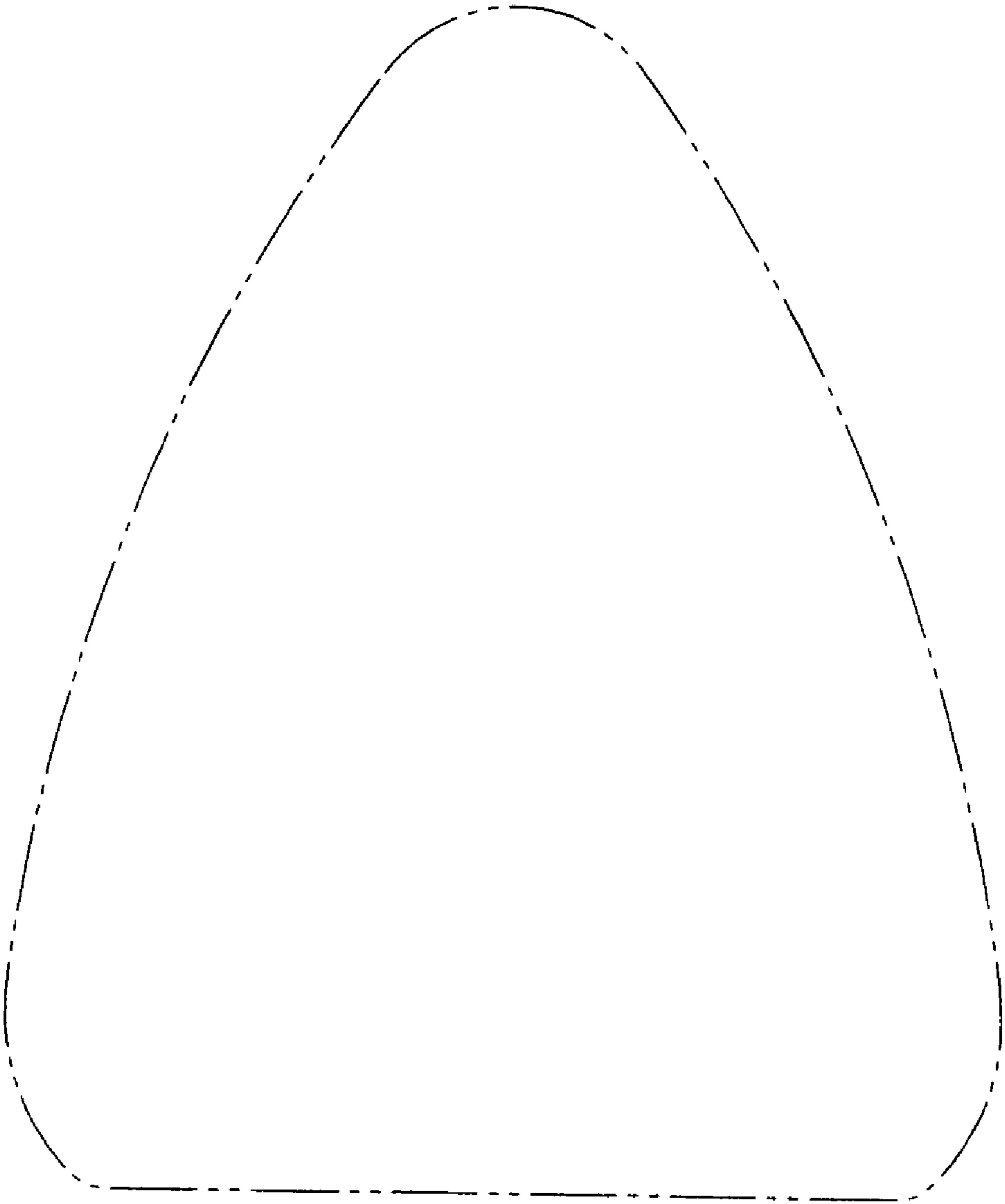


Fig. 8