



US00D688931S

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

(10) **Patent No.:** **US D688,931 S**

(45) **Date of Patent:** **\*\* Sep. 3, 2013**

(54) **CHAMFER TOOL**

(76) Inventors: **Robert M. Sterner**, Erie, PA (US);  
**Anthony J Little**, Fairview, PA (US)

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

(21) Appl. No.: **29/419,767**

(22) Filed: **May 1, 2012**

(51) **LOC (9) Cl.** ..... **08-03**

(52) **U.S. Cl.**  
USPC ..... **D8/98**

(58) **Field of Classification Search**  
USPC ..... D8/14, 60, 90, 91, 98, 99, 499; D15/138,  
D15/139; D19/73; 30/1, 94, 95; 7/70; 81/488  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

|              |      |         |                 |       |           |
|--------------|------|---------|-----------------|-------|-----------|
| 3,550,482    | A *  | 12/1970 | Lee             | ..... | 408/228   |
| 4,229,129    | A *  | 10/1980 | Schaenzer       | ..... | 408/228   |
| 4,485,862    | A *  | 12/1984 | Mattheis et al. | ..... | 30/454    |
| D282,369     | S *  | 1/1986  | de Villiers     | ..... | D15/139   |
| D303,118     | S *  | 8/1989  | Cox             | ..... | D15/139   |
| 4,955,165    | A *  | 9/1990  | Brooks et al.   | ..... | 451/464   |
| 5,020,221    | A *  | 6/1991  | Nelson          | ..... | 30/169    |
| 5,285,576    | A *  | 2/1994  | Taylor          | ..... | 30/94     |
| 6,368,032    | B1 * | 4/2002  | Chen            | ..... | 408/146   |
| D490,674     | S *  | 6/2004  | Higgs           | ..... | D8/60     |
| 7,029,211    | B2 * | 4/2006  | Oswald          | ..... | 408/211   |
| D530,585     | S *  | 10/2006 | Hunter          | ..... | D8/98     |
| D541,831     | S *  | 5/2007  | Miyanaga        | ..... | D15/139   |
| 8,388,277    | B2 * | 3/2013  | Gray et al.     | ..... | 408/1 R   |
| 2007/0051428 | A1 * | 3/2007  | Sullivan        | ..... | 144/136.1 |
| 2008/0050191 | A1 * | 2/2008  | Catlin          | ..... | 408/231   |

**OTHER PUBLICATIONS**

Chamfer Tools. Page 2 from <http://www.indiamart.com/jagjittools/cutting-and-chamfer-tools.html>, downloaded May 24, 2013.\*

Combination Chamfer Tool and Depth Gauge. Downloaded May 6, 2013 and again May 29, 2013 from <http://www.hdpesupply.com/chamfer-tool-depth-gauge-1-1-2-ips/>.\*

\* cited by examiner

*Primary Examiner* — Philip S Hyder

*Assistant Examiner* — Roselynn Cody

(74) *Attorney, Agent, or Firm* — Richard K Thomson

(57) **CLAIM**

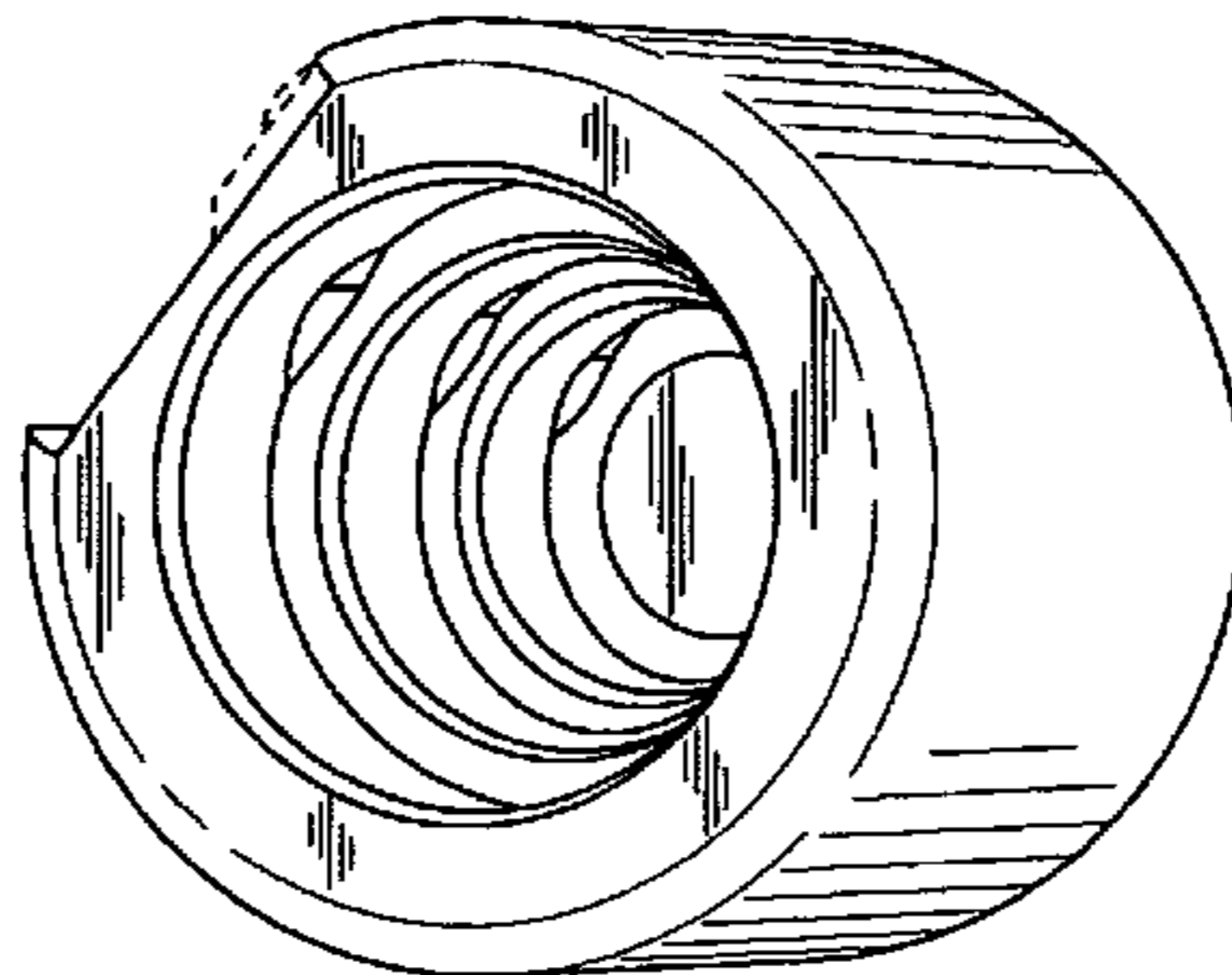
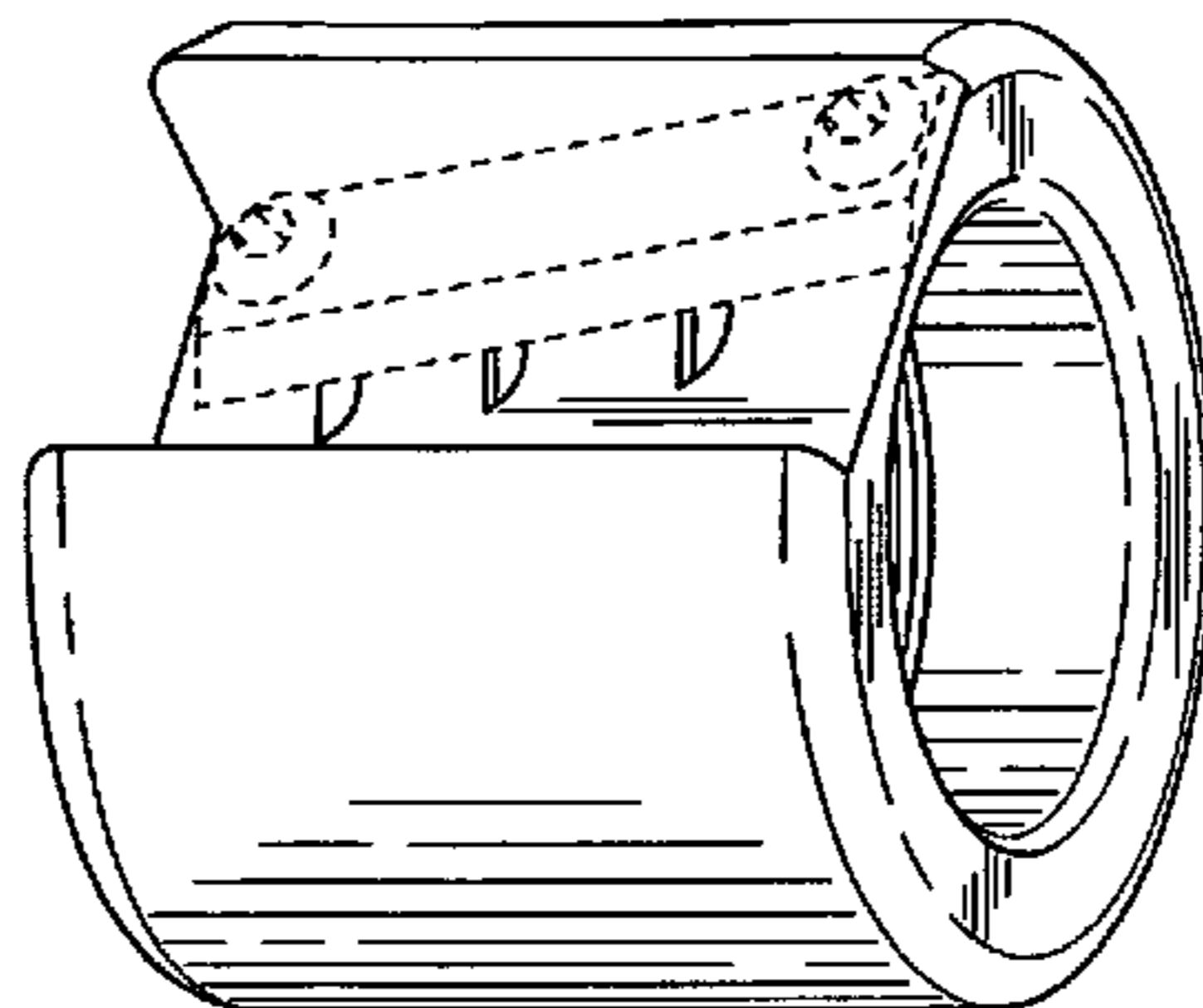
The ornamental design for a chamfer tool, as shown and described.

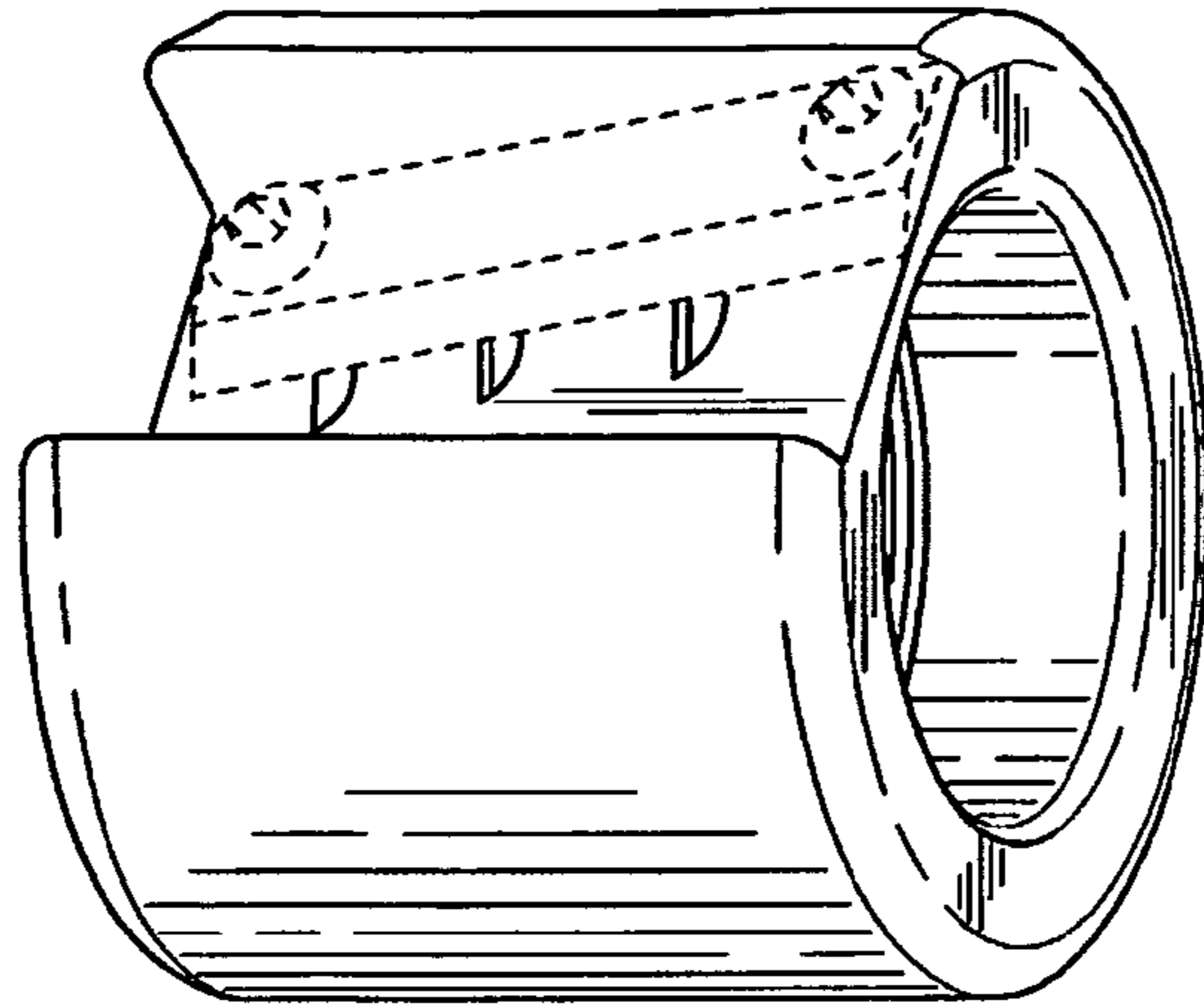
**DESCRIPTION**

FIG. 1 is front perspective view of the chamfer tool of the present invention;  
FIG. 2 is a left perspective view of the chamfer tool of the present invention;  
FIG. 3 is a right end view of the chamfer tool of the present invention;  
FIG. 4 is a left end view of the chamfer tool of the present invention;  
FIG. 5 is a top view of the chamfer tool of the present invention;  
FIG. 6 is a bottom view of the chamfer tool of the present invention;  
FIG. 7 is a view of the left side of the chamfer tool of the present invention; and,  
FIG. 8 is a view of the right side of the chamfer tool of the present invention.

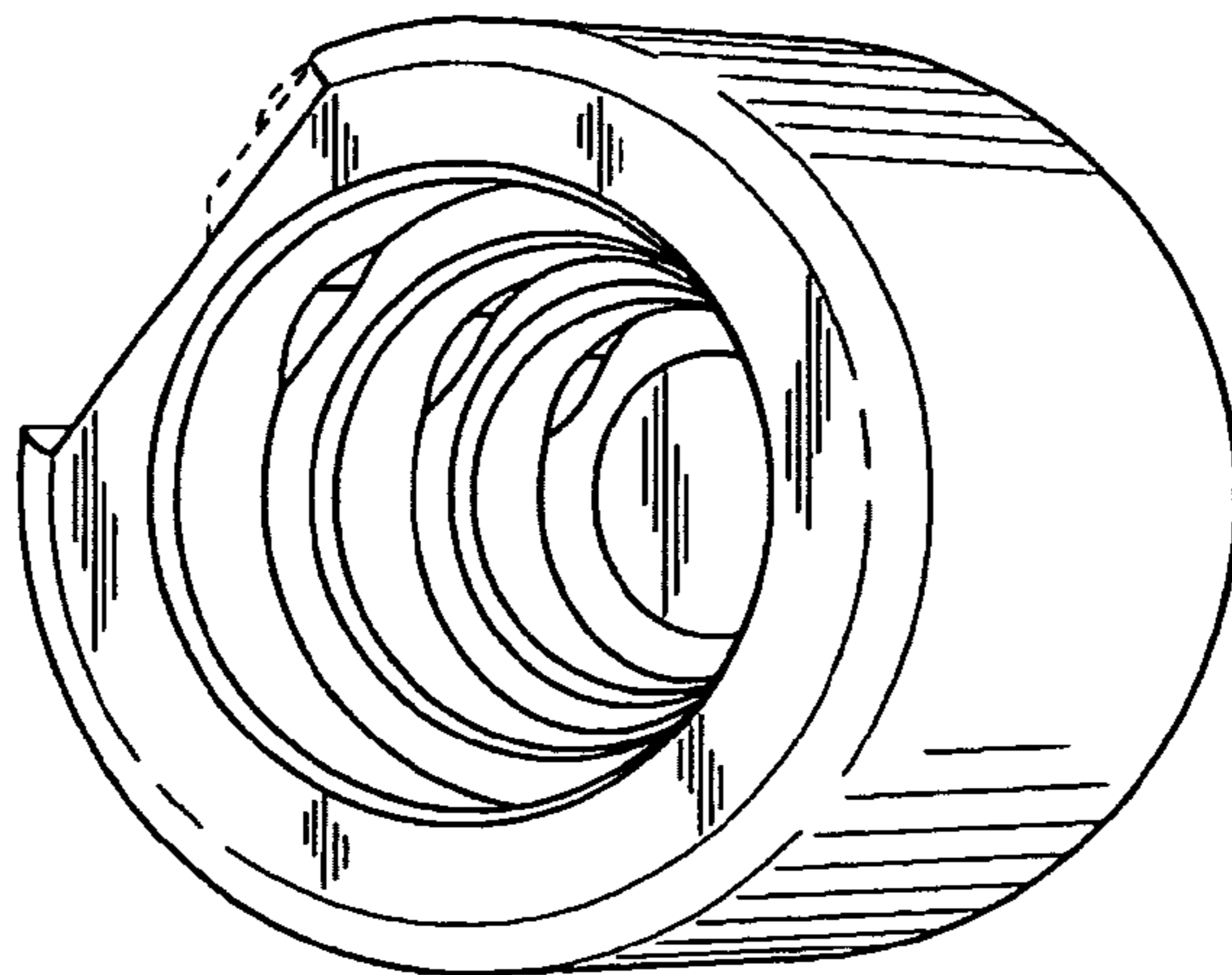
The broken lines in the drawings illustrate an element of the chamfer tool that forms no part of the claim.

**1 Claim, 2 Drawing Sheets**

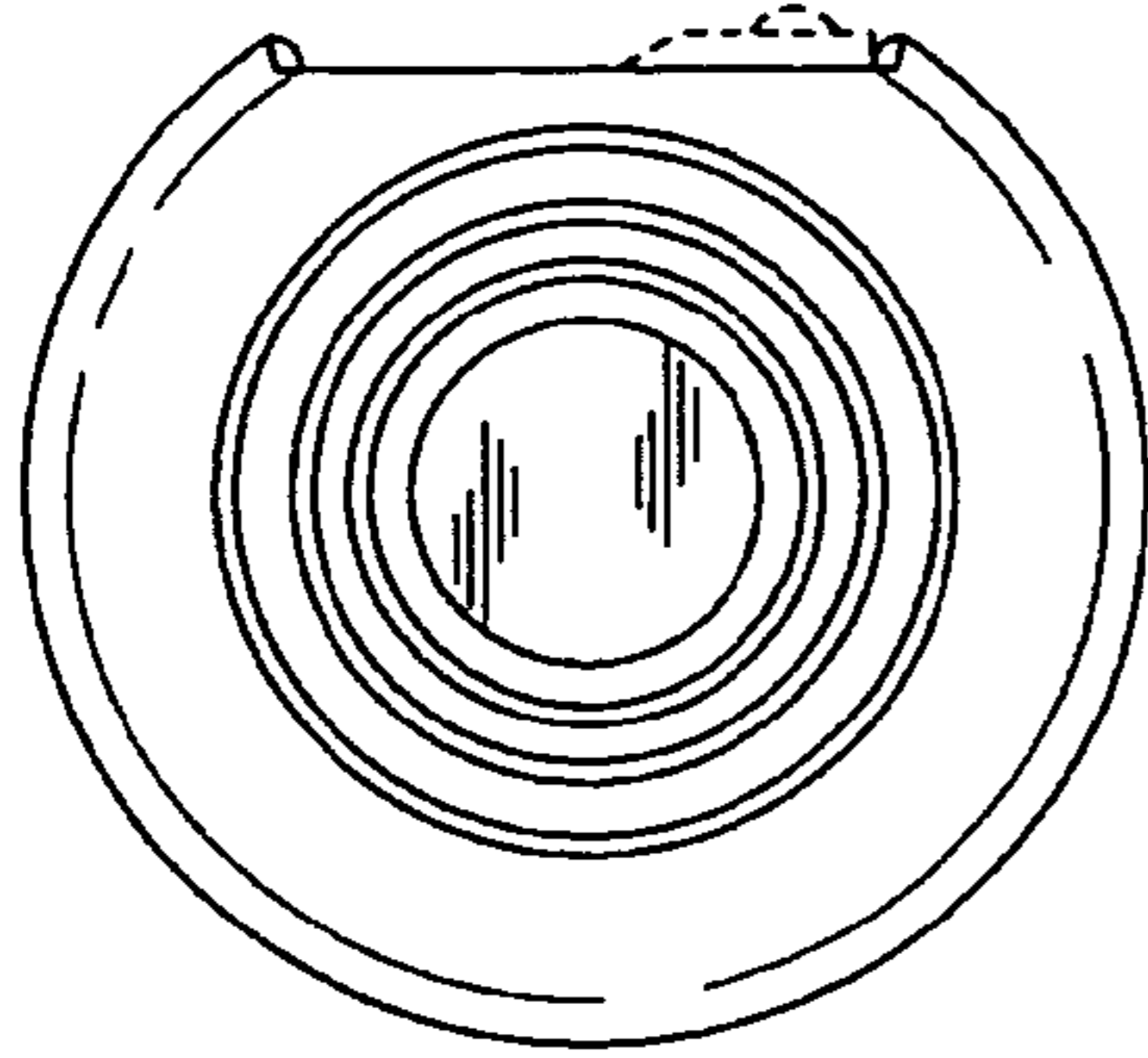




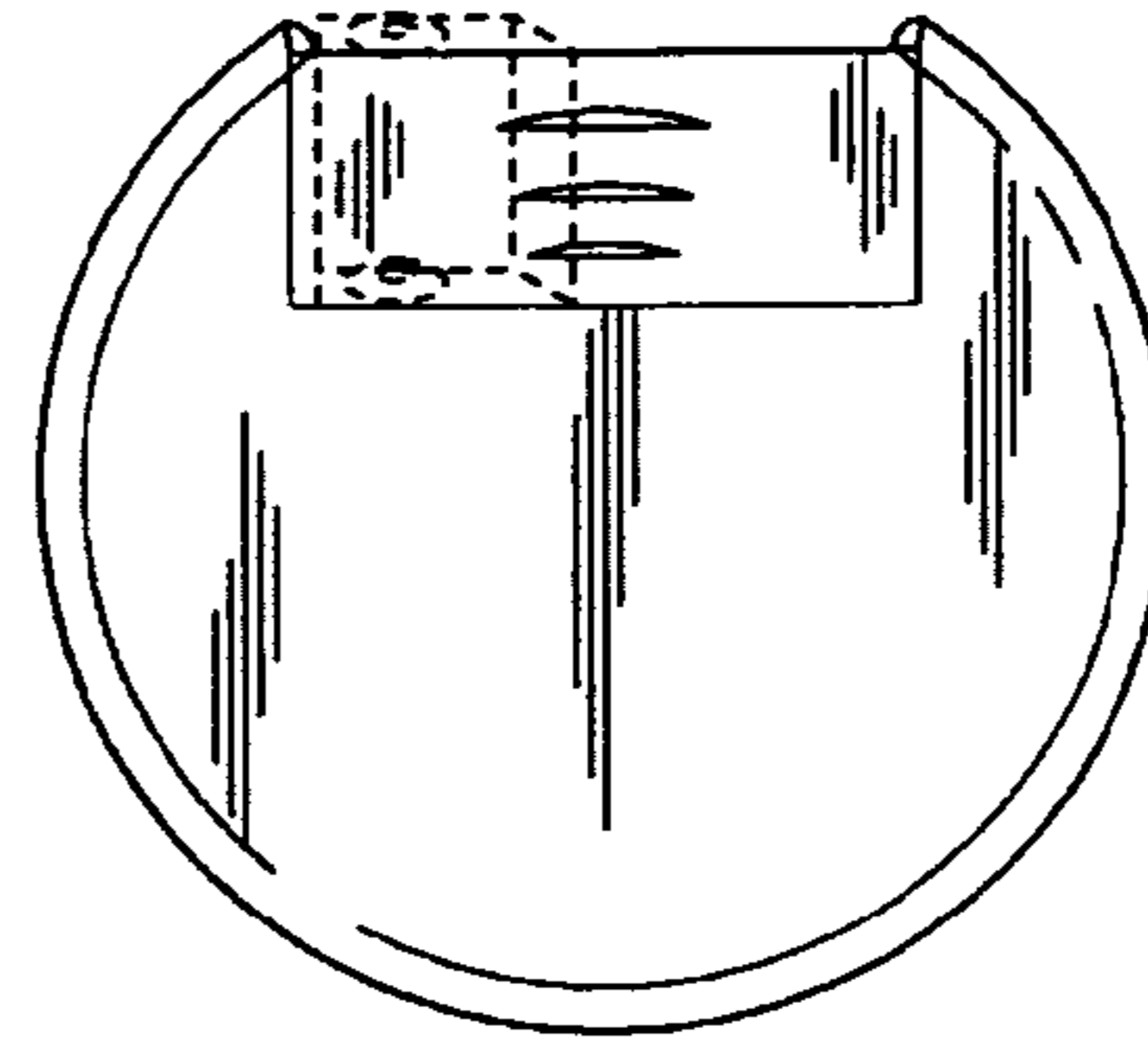
*Fig. 1*



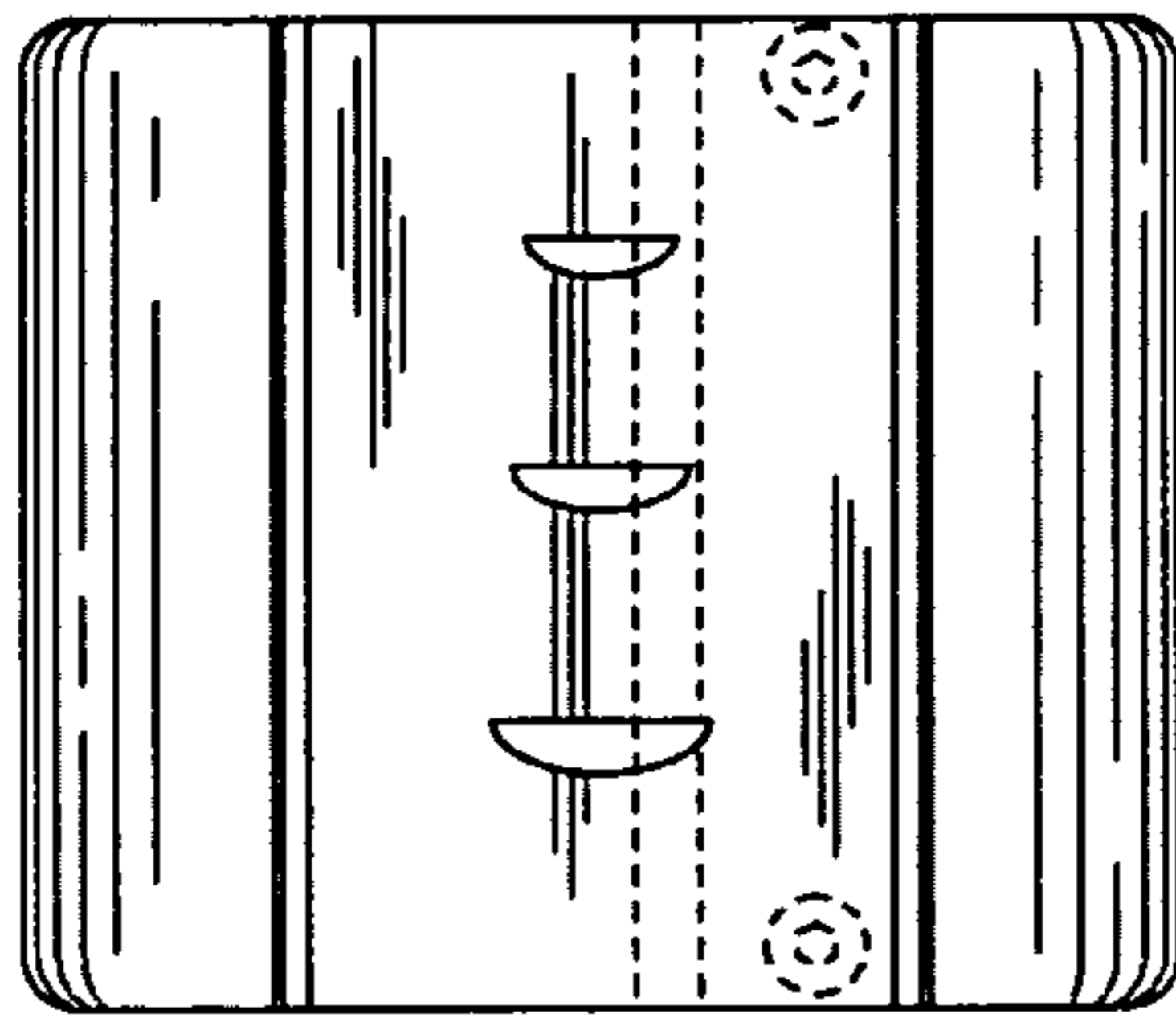
*Fig. 2*



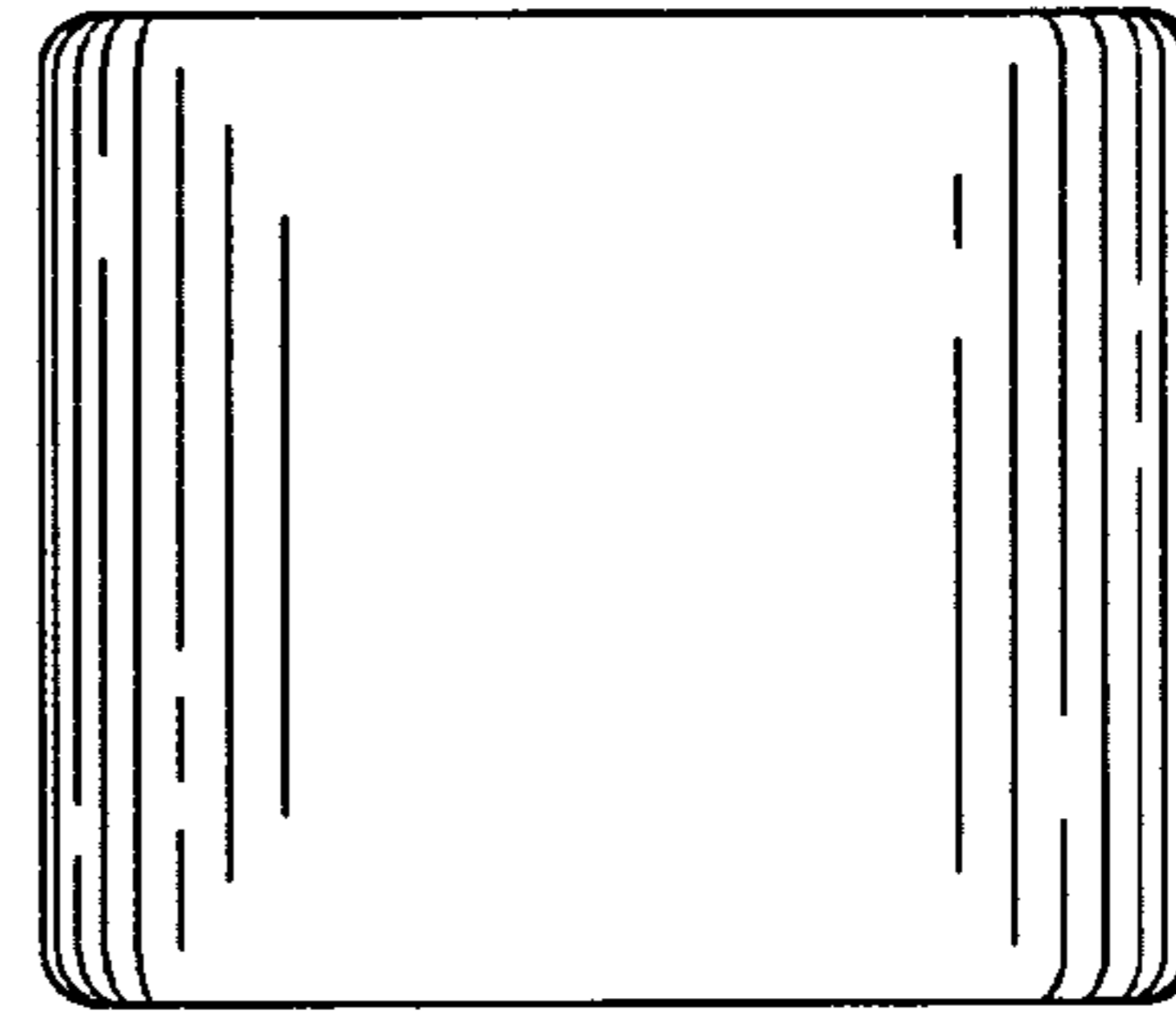
*Fig. 3*



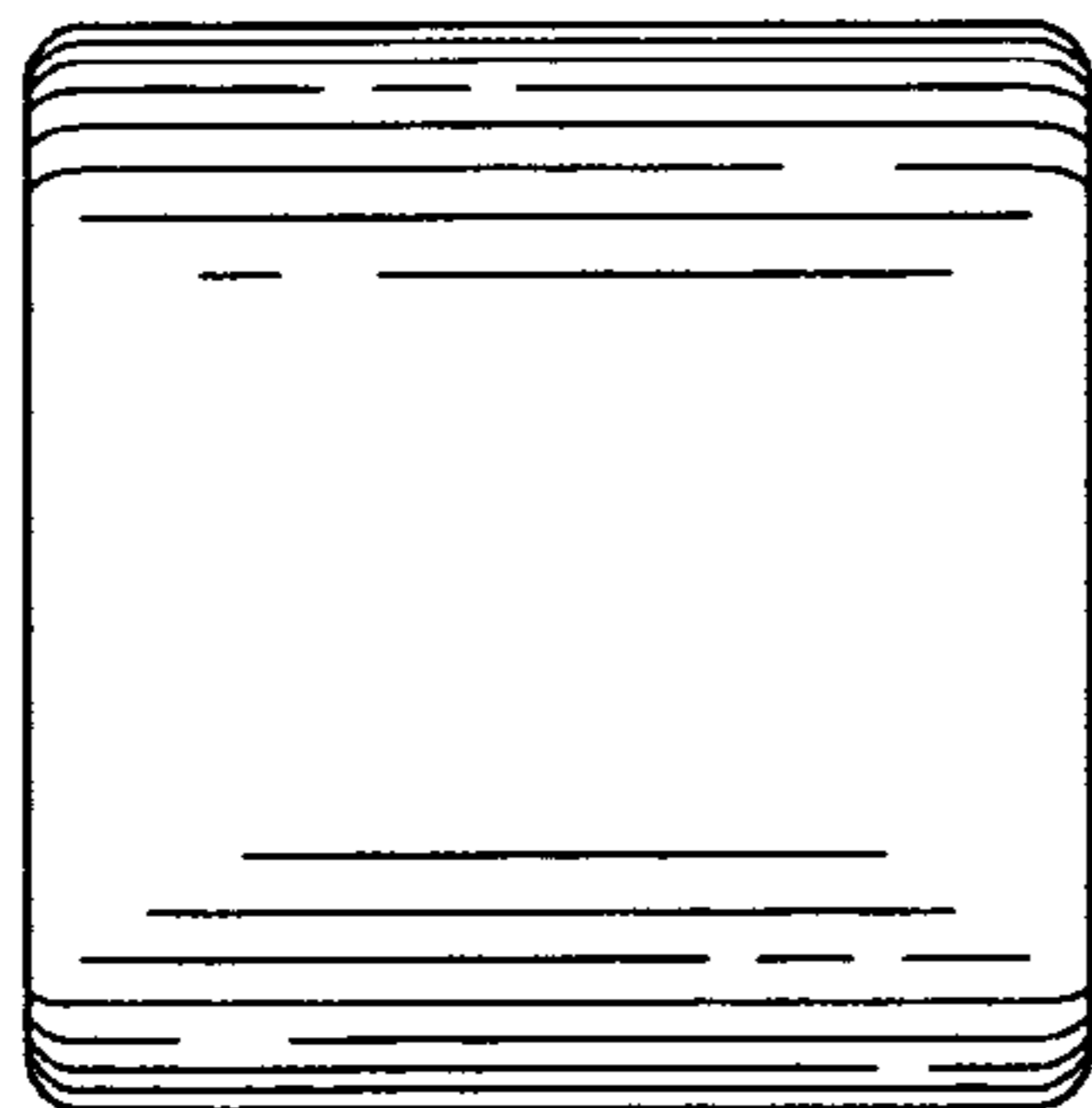
*Fig. 4*



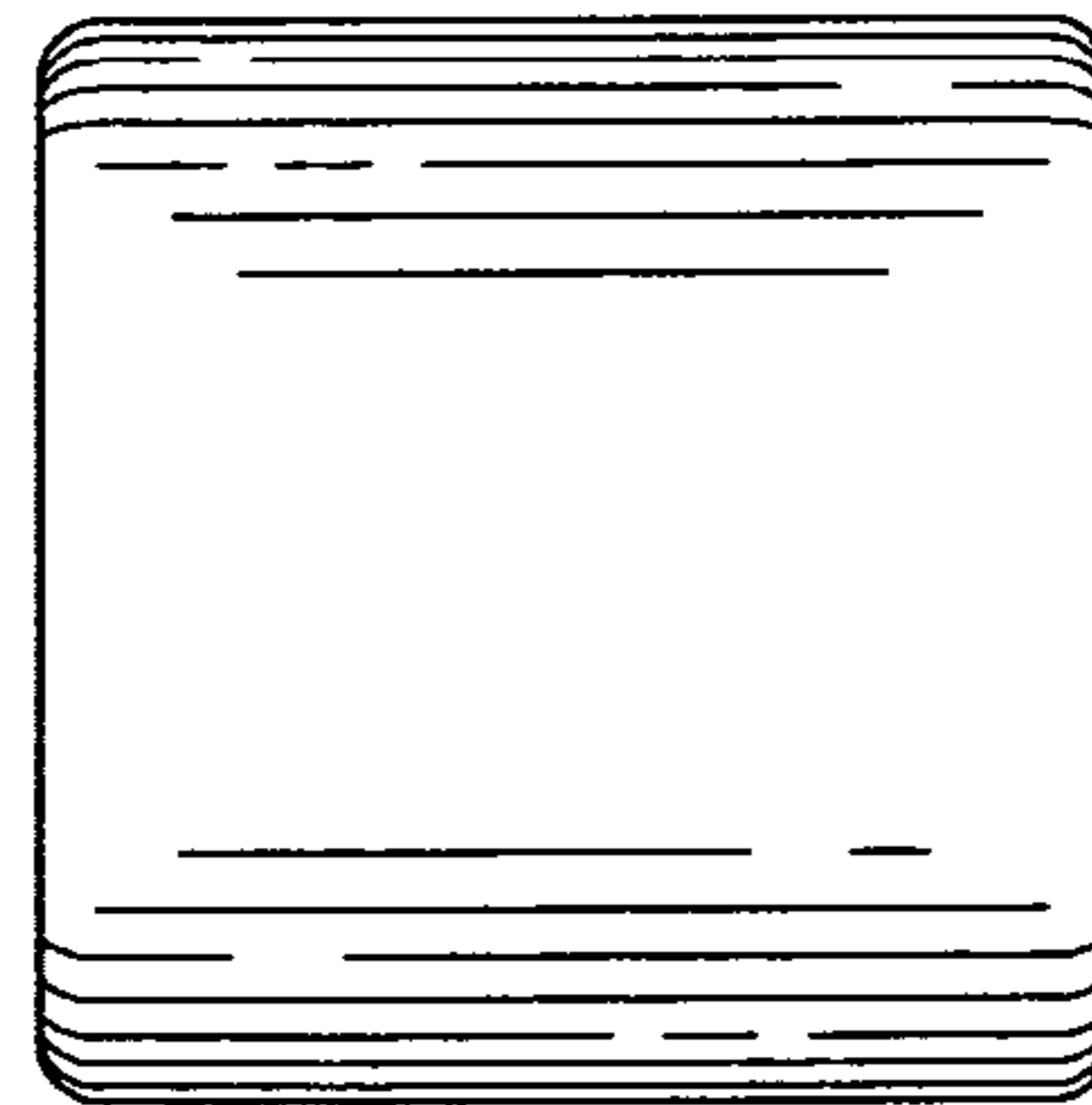
*Fig. 5*



*Fig. 6*



*Fig. 7*



*Fig. 8*