



US00D737992S

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

(10) **Patent No.:** **US D737,992 S**  
(45) **Date of Patent:** **\*\* Sep. 1, 2015**

(54) **MEDICAL EQUIPMENT FOR MIXING  
MEDICAL LIQUIDS**

(71) Applicants: **Thomas Reichthalhammer,**  
Herzogenaurach (DE); **Matthias Roth,**  
Herzogenaurach (DE)

(72) Inventors: **Thomas Reichthalhammer,**  
Herzogenaurach (DE); **Matthias Roth,**  
Herzogenaurach (DE)

(73) Assignee: **seiratherm GmbH,** Herzogenaurach  
(DE)

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

(21) Appl. No.: **29/492,912**

(22) Filed: **Jun. 4, 2014**

(51) **LOC (10) Cl.** ..... **24-00**

(52) **U.S. Cl.**  
USPC ..... **D24/220**

(58) **Field of Classification Search**  
USPC ..... D24/220, 229; 219/754, 726; 210/695,  
210/222; 435/5; 99/275, 286; 366/273, 214,  
366/274; 446/46; 206/338; 422/500; 494/12  
CPC ..... H05B 6/6411; B03C 1/288; C02F 1/481;  
C07K 14/005; A23G 9/045; A47J 31/42;  
B01F 13/0827; B01F 13/0818; B01F 9/0021;  
A63H 33/18; B43M 99/009; B01L 2300/0816;  
B04B 7/02

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

|           |     |         |                |       |         |
|-----------|-----|---------|----------------|-------|---------|
| 3,088,716 | A * | 5/1963  | Scott          | ..... | 366/273 |
| 3,163,404 | A * | 12/1964 | Kraft et al.   | ..... | 366/214 |
| 3,566,532 | A * | 3/1971  | Wilson         | ..... | 446/46  |
| 3,831,743 | A * | 8/1974  | Leedy          | ..... | 206/338 |
| 3,850,580 | A * | 11/1974 | Moore et al.   | ..... | 422/500 |
| 3,891,140 | A * | 6/1975  | Ayres          | ..... | 494/12  |
| D240,145  | S * | 6/1976  | Brown et al.   | ..... | D24/220 |
| D248,407  | S * | 7/1978  | Bassett et al. | ..... | D24/229 |
| 4,568,195 | A * | 2/1986  | Herz et al.    | ..... | 366/274 |

|              |      |         |                |       |         |
|--------------|------|---------|----------------|-------|---------|
| 4,605,498    | A *  | 8/1986  | Kulish         | ..... | 210/222 |
| 4,911,555    | A *  | 3/1990  | Saffer et al.  | ..... | 366/274 |
| 4,959,517    | A *  | 9/1990  | Jump et al.    | ..... | 219/726 |
| 5,113,751    | A *  | 5/1992  | Holcomb et al. | ..... | 99/286  |
| 5,166,486    | A *  | 11/1992 | Komatsu et al. | ..... | 219/754 |
| 5,248,437    | A *  | 9/1993  | Forrest        | ..... | 210/695 |
| D358,659     | S *  | 5/1995  | Rohrabacher    | ..... | D24/220 |
| 5,466,574    | A *  | 11/1995 | Liberti et al. | ..... | 435/5   |
| D426,312     | S *  | 6/2000  | Gomes          | ..... | D24/220 |
| D433,148     | S *  | 10/2000 | Dennis         | ..... | D24/220 |
| D472,323     | S *  | 3/2003  | Sand           | ..... | D24/220 |
| D561,345     | S *  | 2/2008  | Flick          | ..... | D24/220 |
| D606,663     | S *  | 12/2009 | Tien et al.    | ..... | D24/220 |
| D701,615     | S *  | 3/2014  | Pluska et al.  | ..... | D24/220 |
| 2003/0226447 | A1 * | 12/2003 | Flick          | ..... | 99/275  |

\* cited by examiner

*Primary Examiner* — Holly Baynham

*Assistant Examiner* — Rhea Shields

(74) *Attorney, Agent, or Firm* — Nixon & Vanderhye P.C.

(57) **CLAIM**

The ornamental design for a medical equipment for mixing medical liquids, as shown and described.

**DESCRIPTION**

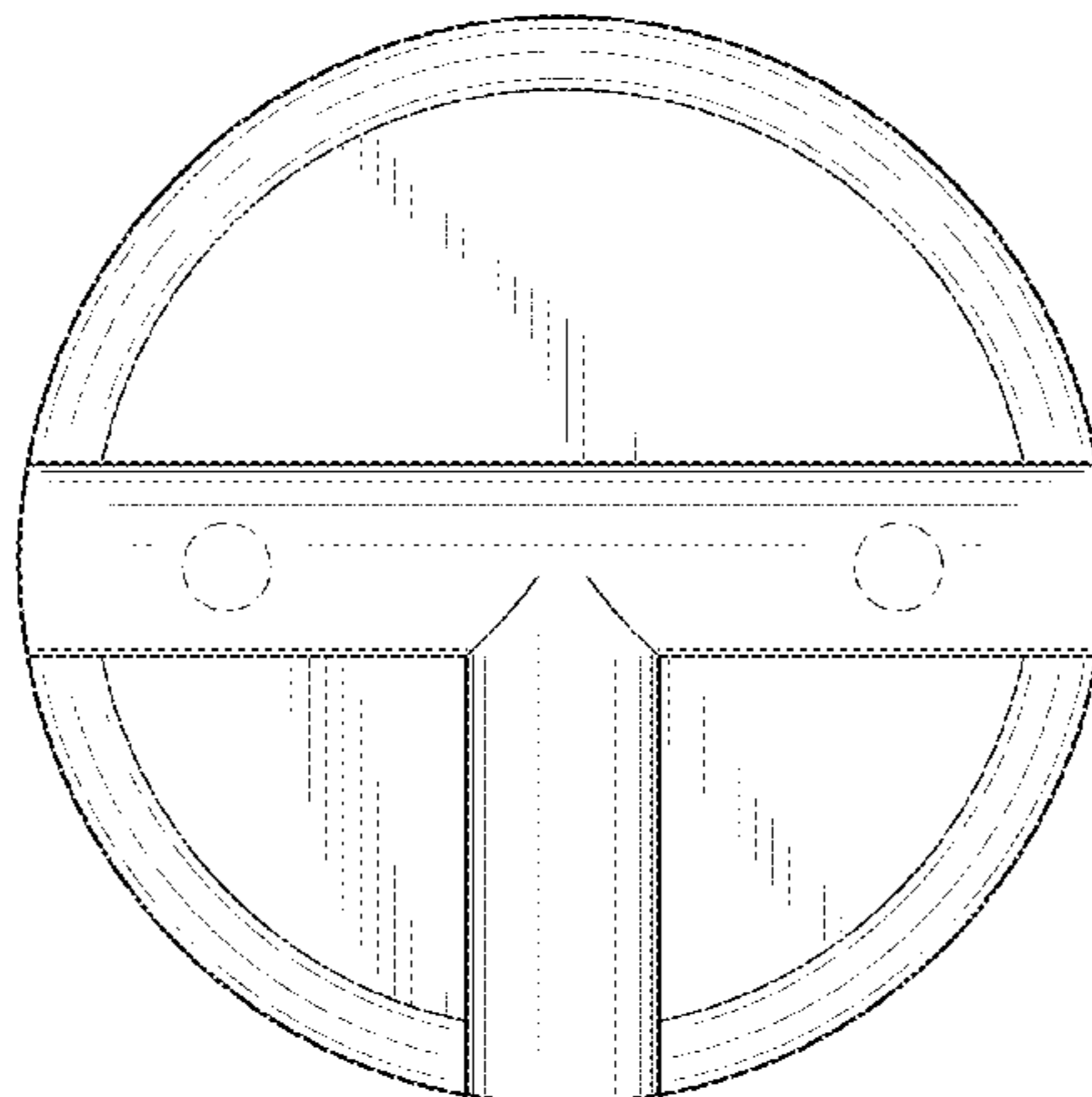
FIG. 1 is a top view of medical equipment for mixing medical liquids according to a first embodiment of my/our design; FIG. 2 is a perspective view thereof; and, FIG. 3 is a reverse perspective view thereof.

Applicants respectfully reserve the right to pursue portions of each of the designs disclosed herein, e.g., various portions of the medical equipment, such as the “T” shaped groove only, the round main body, the chamfered/rounded upper edge of the main body, the hemi-circle, each of both “quarters”, various portions thereof and/or the combination or the interface between subportions or portions thereof.

Throughout the various figures of the drawings, certain views may not be provided. The omission of a particular view is intended to convey that the element(s) depicted is/are plain and unornamented in that omitted view, or that the particular ornamental appearance in that view is simply not claimed.

In the drawings, the broken lines are for the purpose of illustrating environment only and form no part of the claimed design.

**1 Claim, 3 Drawing Sheets**



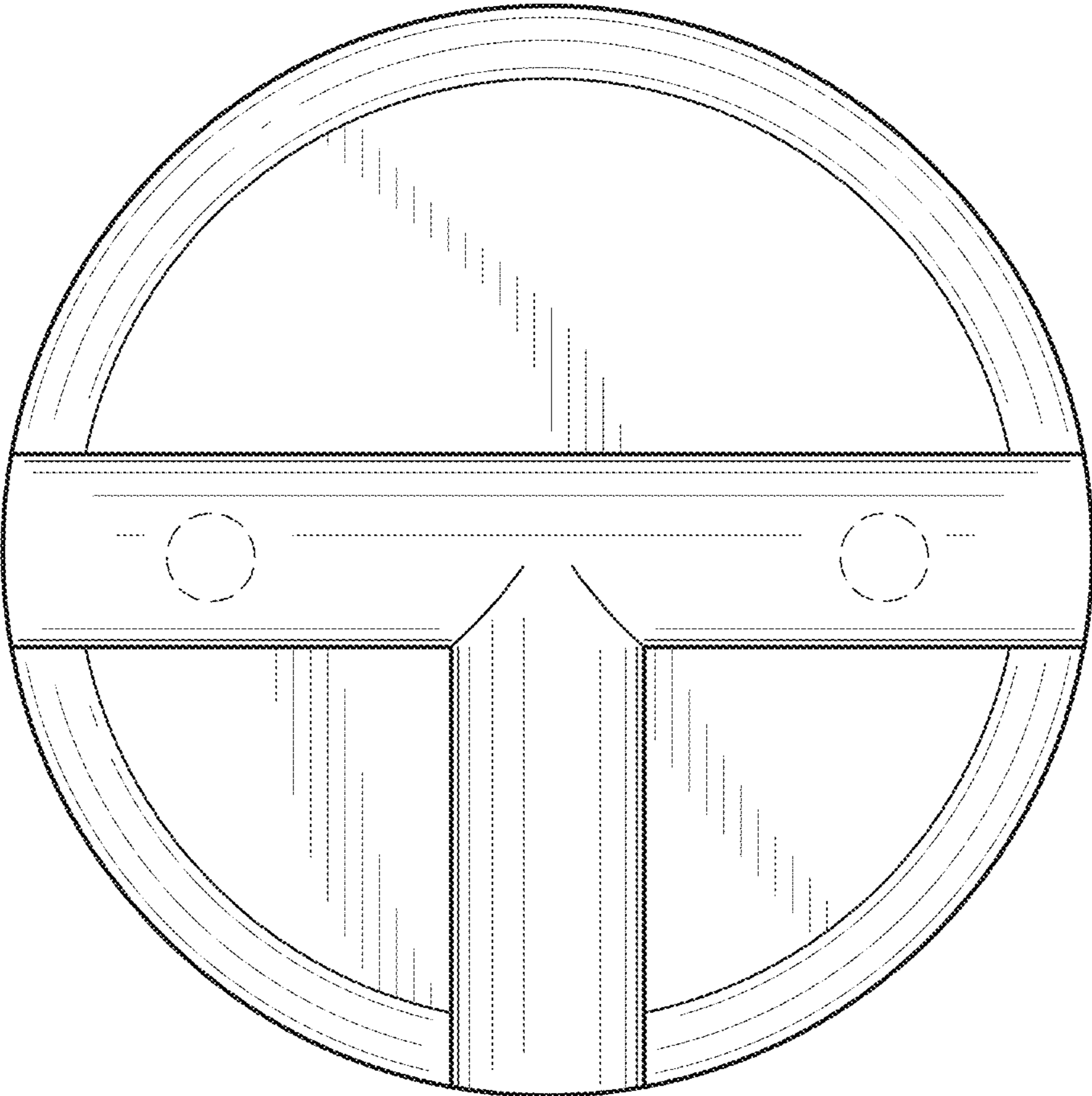


FIG. 1

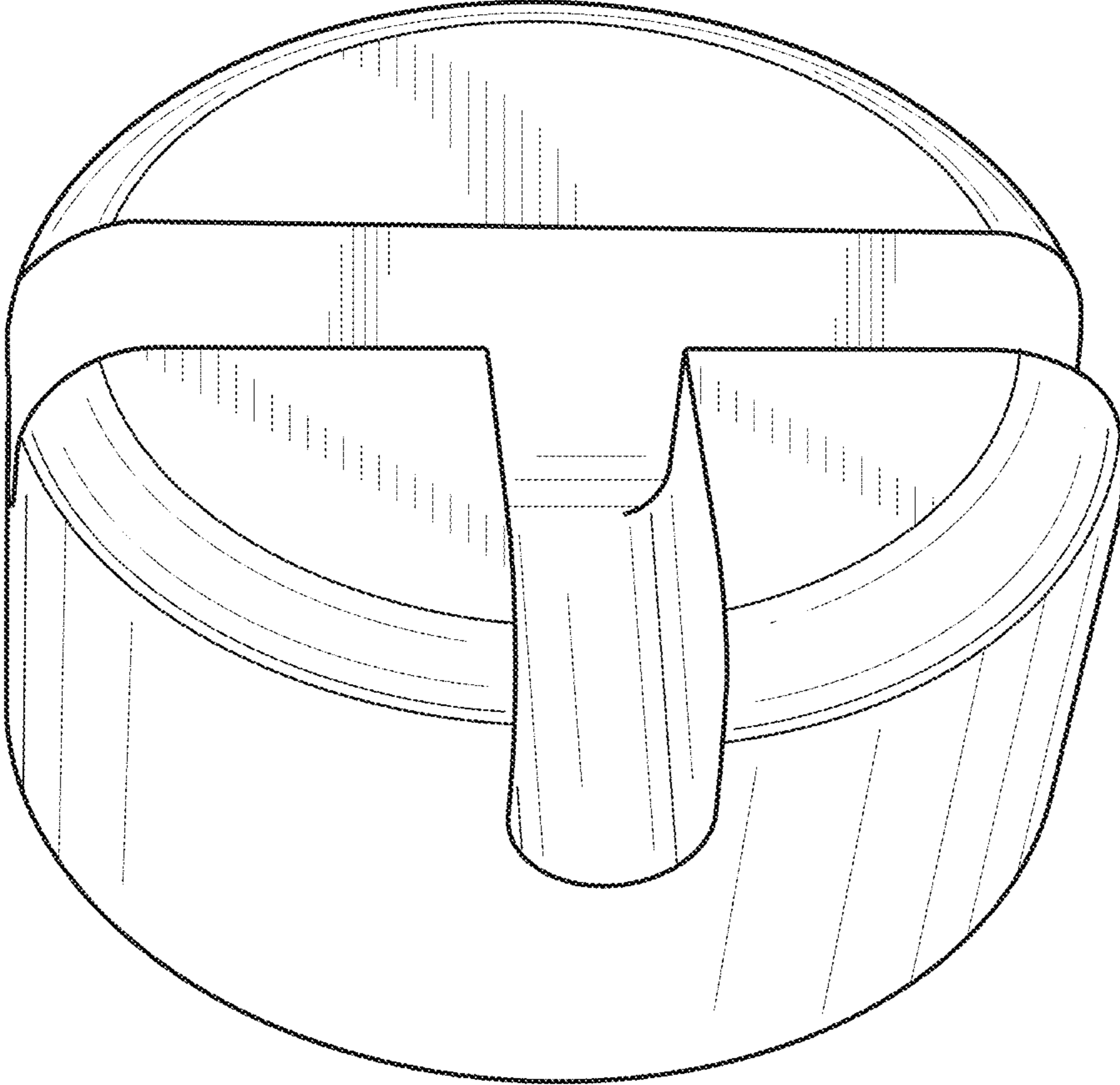


FIG. 2

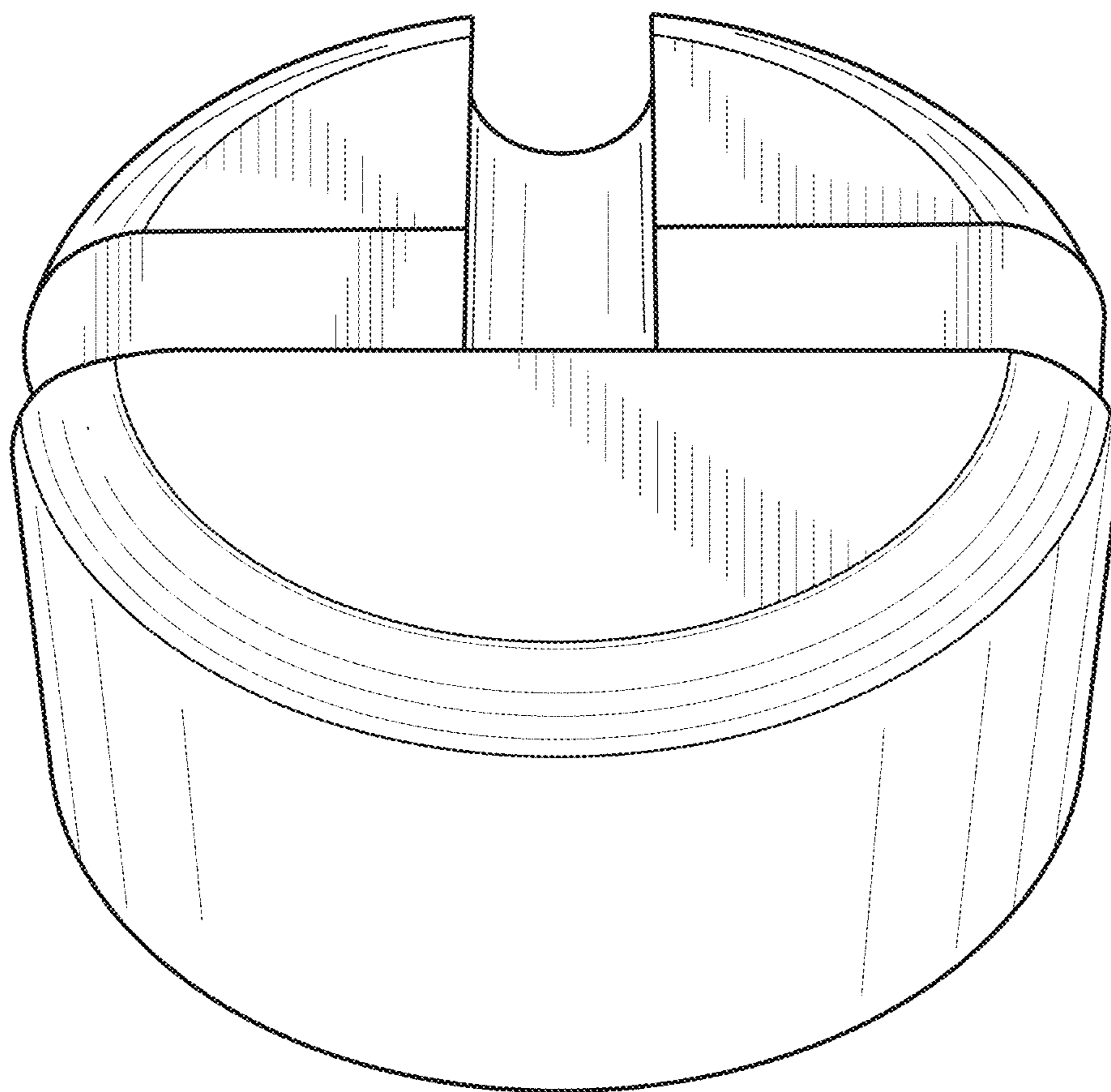


FIG. 3