



US00D582273S

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

(10) **Patent No.:** **US D582,273 S**  
(45) **Date of Patent:** **\*\* Dec. 9, 2008**

(54) **CLOSURE FOR A CONTAINER**

(75) Inventor: **William C. Vogel**, Mequon, WI (US)

(73) Assignee: **Gateway Plastics, Inc.**, Mequon, WI (US)

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

(21) Appl. No.: **29/295,876**

(22) Filed: **Oct. 9, 2007**

**Related U.S. Application Data**

(63) Continuation of application No. 29/269,983, filed on Dec. 12, 2006, now Pat. No. Des. 552,990, which is a continuation of application No. 29/217,727, filed on Nov. 20, 2004, now Pat. No. Des. 533,452.

(51) **LOC (8) Cl.** ..... **09-07**

(52) **U.S. Cl.** ..... **D9/449; D9/454**

(58) **Field of Classification Search** ..... D9/741,  
D9/738, 454, 449, 447, 435, 421, 420; 222/556,  
222/483; 220/838, 826, 822, 810; 215/316,  
215/200

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

181,615 A \* 8/1876 Albertson ..... 215/237  
199,896 A \* 2/1878 Burger ..... 222/480  
785,116 A \* 3/1905 Perry ..... 277/649  
847,726 A \* 3/1907 Brannon ..... 222/142.9

(Continued)

*Primary Examiner*—Robert M. Spear

*Assistant Examiner*—Susan B Hattan

(74) *Attorney, Agent, or Firm*—Foley & Lardner LLP

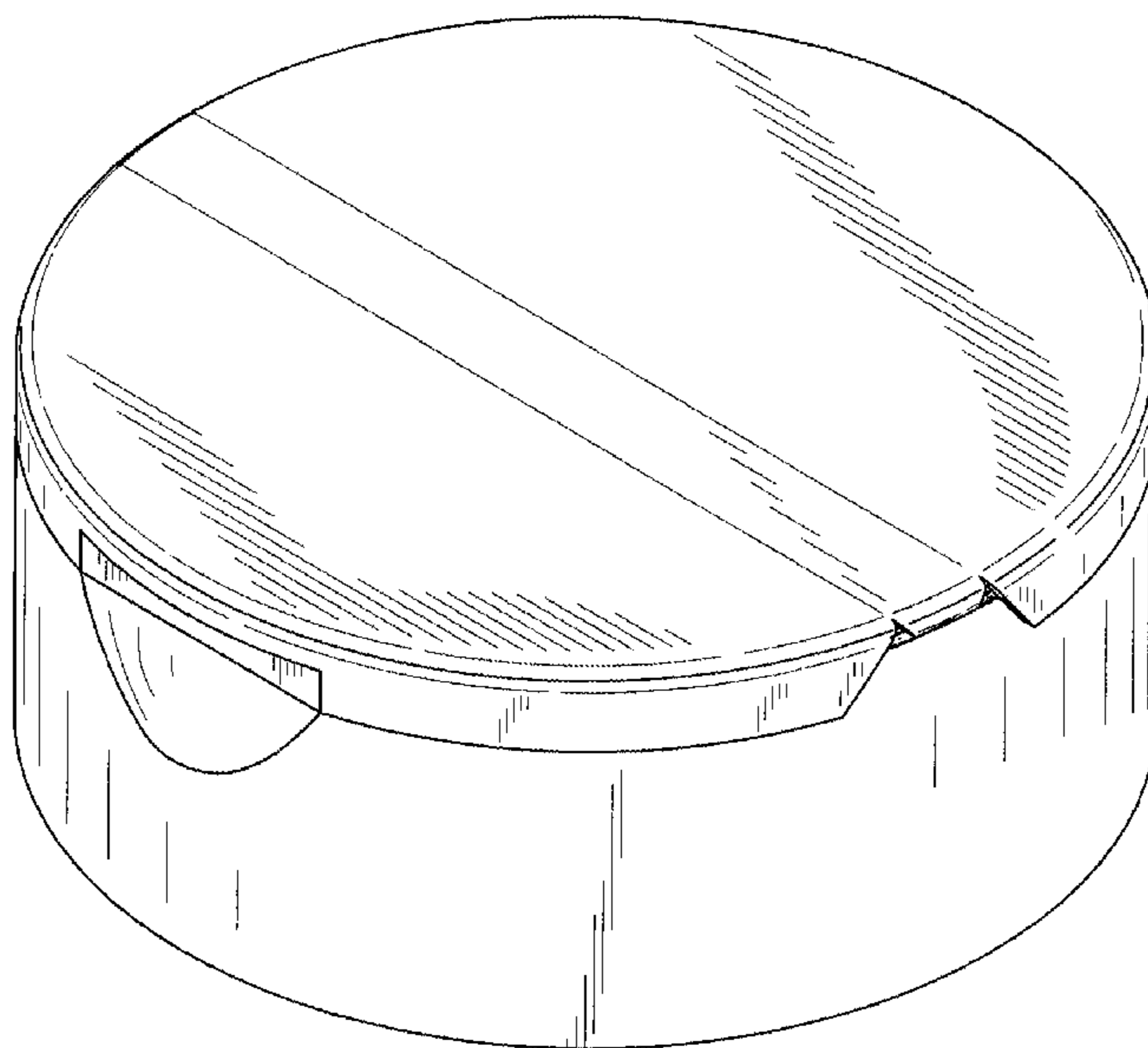
(57) **CLAIM**

We claim the ornamental design for a closure for a container, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of a closure for a container; FIG. 2 is a top perspective view of the design of FIG. 1; FIG. 3 is a bottom perspective view of the design of FIG. 1; FIG. 4 is a bottom perspective view of the design of FIG. 1; FIG. 5 is a top view of the design of FIG. 1; FIG. 6 is a bottom view of the design of FIG. 1; FIG. 7 is a right side view of the design of FIG. 1, the left side view being a mirror image; FIG. 8 is a front view of the design of FIG. 1; FIG. 9 is a rear view of the design of FIG. 1; FIG. 10 is a top perspective view of the design of FIG. 1 illustrating the flaps in an open position; FIG. 11 is a top perspective view of the design of FIG. 1 illustrating the flaps in an open position; FIG. 12 is a left side view of the design of FIG. 1 illustrating the flaps in an open position; FIG. 13 is a right side view of the design of FIG. 1 illustrating the flaps in an open position; FIG. 14 is a bottom view of the design of FIG. 1 illustrating the flaps in an open position; and, FIG. 15 is a top view of the design of FIG. 1 illustrating the flaps in an open position.

**1 Claim, 12 Drawing Sheets**





# US D582,273 S

| U.S. PATENT DOCUMENTS |     |         |                     |       |            |  |
|-----------------------|-----|---------|---------------------|-------|------------|--|
| 893,469               | A * | 7/1908  | Essmuller           | ..... | 215/319    |  |
| 947,025               | A * | 1/1910  | Reinmann            | ..... | 210/245    |  |
| 1,330,365             | A * | 2/1920  | Alexander           | ..... | 222/478    |  |
| 1,773,553             | A * | 8/1930  | Taylor et al.       | ..... | 229/5.5    |  |
| 2,094,600             | A * | 10/1937 | Hothersall          | ..... | 222/541.9  |  |
| 2,108,063             | A * | 2/1938  | Hothersall          | ..... | 222/507    |  |
| D110,872              | S * | 8/1938  | Lewis               | ..... | D9/905     |  |
| 2,177,589             | A * | 10/1939 | Jacker              | ..... | 222/480    |  |
| 2,276,635             | A * | 3/1942  | Weber               | ..... | 220/349    |  |
| 2,388,738             | A * | 11/1945 | Gudheim             | ..... | 215/232    |  |
| 2,562,647             | A * | 7/1951  | Shaver              | ..... | 222/480    |  |
| 2,576,416             | A * | 11/1951 | Randlett            | ..... | 222/542    |  |
| 2,625,306             | A * | 1/1953  | Murphy              | ..... | 222/498    |  |
| 2,690,861             | A * | 10/1954 | Tupper              | ..... | 222/498    |  |
| 2,780,395             | A * | 2/1957  | Schlabach et al.    | ..... | 222/516    |  |
| 2,817,451             | A * | 12/1957 | Giles et al.        | ..... | 215/230    |  |
| 2,826,343             | A * | 3/1958  | Albiani             | ..... | 222/480    |  |
| 2,849,164             | A * | 8/1958  | Weisgerber          | ..... | 222/480    |  |
| 2,851,203             | A * | 9/1958  | Nowak               | ..... | 222/543    |  |
| 2,894,654             | A * | 7/1959  | Lohrer              | ..... | 215/235    |  |
| 2,954,148             | A * | 9/1960  | Corrinet et al.     | ..... | 222/541.1  |  |
| 2,961,132             | A * | 11/1960 | Ankney              | ..... | 222/480    |  |
| 2,961,133             | A * | 11/1960 | Ankney              | ..... | 222/548    |  |
| 2,971,681             | A * | 2/1961  | Galbierz            | ..... | 222/548    |  |
| 3,018,931             | A * | 1/1962  | Westgate            | ..... | 222/480    |  |
| 3,031,111             | A * | 4/1962  | Stull               | ..... | 222/541.2  |  |
| 3,036,746             | A * | 5/1962  | Hagen               | ..... | 222/480    |  |
| 3,058,630             | A * | 10/1962 | Abt                 | ..... | 222/484    |  |
| 3,059,816             | A * | 10/1962 | Goldstein           | ..... | 222/109    |  |
| 3,100,589             | A * | 8/1963  | Love, Jr.           | ..... | 222/480    |  |
| 3,113,693             | A * | 12/1963 | Stull               | ..... | 220/792    |  |
| 3,117,701             | A * | 1/1964  | Stull               | ..... | 222/543    |  |
| 3,140,019             | A * | 7/1964  | Barr                | ..... | 222/480    |  |
| 3,143,256             | A * | 8/1964  | Lazure et al.       | ..... | 222/480    |  |
| 3,155,285             | A * | 11/1964 | Van Baarn           | ..... | 222/153.06 |  |
| D200,024              | S * | 1/1965  | Lombardo            | ..... | D9/447     |  |
| D200,270              | S * | 2/1965  | Waterman            | ..... | D9/450     |  |
| 3,180,537             | A * | 4/1965  | Collins             | ..... | 222/480    |  |
| 3,181,746             | A * | 5/1965  | Tupper              | ..... | 222/545    |  |
| 3,203,571             | A * | 8/1965  | Plunkett            | ..... | 215/344    |  |
| 3,217,921             | A * | 11/1965 | Frehse              | ..... | 220/378    |  |
| 3,217,949             | A * | 11/1965 | Davis               | ..... | 222/480    |  |
| D204,509              | S * | 4/1966  | Waterman            | ..... | D9/450     |  |
| 3,262,606             | A * | 7/1966  | Waterman            | ..... | 222/480    |  |
| 3,281,982             | A * | 11/1966 | Salisbury           | ..... | 43/42.5    |  |
| 3,322,308             | A * | 5/1967  | Foster              | ..... | 222/480    |  |
| 3,323,671             | A * | 6/1967  | Minarik, Jr. et al. | ..... | 215/237    |  |
| 3,351,242             | A * | 11/1967 | Lodding et al.      | ..... | 222/189.02 |  |
| 3,370,757             | A * | 2/1968  | Foster              | ..... | 222/153.07 |  |
| 3,372,832             | A * | 3/1968  | Yeater et al.       | ..... | 220/254.3  |  |
| 3,397,823             | A * | 8/1968  | Kirkpatrick         | ..... | 222/480    |  |
| 3,412,890             | A * | 11/1968 | Rich                | ..... | 220/315    |  |
| 3,428,208             | A * | 2/1969  | Kosar               | ..... | 220/288    |  |
| 3,463,364             | A * | 8/1969  | Rehag               | ..... | 222/480    |  |
| 3,469,732             | A * | 9/1969  | Foster              | ..... | 220/835    |  |
| 3,486,665             | A * | 12/1969 | Lacroce             | ..... | 222/480    |  |
| 3,499,588             | A * | 3/1970  | Trumbull            | ..... | 222/556    |  |
| D218,289              | S * | 8/1970  | Posada              | ..... | D9/447     |  |
| 3,542,235             | A * | 11/1970 | Hidding             | ..... | 220/254.2  |  |
| 3,563,426             | A * | 2/1971  | Bartilson           | ..... | 222/556    |  |
| 3,651,992             | A * | 3/1972  | Hazard              | ..... | 222/153.06 |  |
| 3,659,756             | A * | 5/1972  | Lancaster           | ..... | 222/531    |  |
| 3,675,812             | A * | 7/1972  | Foster              | ..... | 220/835    |  |
| 3,741,377             | A * | 6/1973  | Krellen             | ..... | 206/5      |  |
| 3,744,662             | A * | 7/1973  | Zundel              | ..... | 220/269    |  |
| 3,782,583             | A * | 1/1974  | Abbey               | ..... | 220/837    |  |
| 3,788,510             | A * | 1/1974  | Collins             | ..... | 215/341    |  |
| 3,871,550             | A * | 3/1975  | Chiappe             | ..... | 220/825    |  |
| 3,874,580             | A * | 4/1975  | Weatherhead, III    | ..... | 229/5.5    |  |
| 3,877,604             | A * | 4/1975  | Brown               | ..... | 220/267    |  |
| 3,888,373             | A * | 6/1975  | Gach et al.         | ..... | 215/214    |  |
| 3,952,912             | A * | 4/1976  | Perry               | ..... | 220/269    |  |
| 3,966,080             | A * | 6/1976  | Bittel              | ..... | 220/269    |  |
| 4,022,352             | A * | 5/1977  | Pehr                | ..... | 222/153.14 |  |
| 4,029,033             | A * | 6/1977  | Kerwin et al.       | ..... | 156/69     |  |
| 4,029,202             | A * | 6/1977  | Lasich et al.       | ..... | 206/562    |  |
| 4,030,630             | A * | 6/1977  | Yealy               | ..... | 220/258.2  |  |
| D245,750              | S * | 9/1977  | Maclean             | ..... | D7/591     |  |
| 4,059,201             | A * | 11/1977 | Foster              | ..... | 220/258.2  |  |
| 4,069,942             | A * | 1/1978  | Marshall et al.     | ..... | 221/4      |  |
| D247,475              | S * | 3/1978  | Newman              | ..... | D9/447     |  |
| 4,082,201             | A * | 4/1978  | Bittel              | ..... | 220/834    |  |
| D248,204              | S * | 6/1978  | Daenen              | ..... | D7/591     |  |
| D249,023              | S * | 8/1978  | Ames                | ..... | D9/440     |  |
| 4,106,672             | A * | 8/1978  | Tecco et al.        | ..... | 222/151    |  |
| 4,120,432             | A * | 10/1978 | Fuchs               | ..... | 222/565    |  |
| 4,144,985             | A * | 3/1979  | Kinslow             | ..... | 220/254.3  |  |
| 4,155,481             | A * | 5/1979  | Takahashi et al.    | ..... | 220/270    |  |
| 4,163,496             | A * | 8/1979  | Dogliotti           | ..... | 206/538    |  |
| 4,165,015             | A * | 8/1979  | Hasegawa            | ..... | 220/269    |  |
| 4,170,315             | A * | 10/1979 | Dubach et al.       | ..... | 220/281    |  |
| D255,326              | S * | 6/1980  | Pettengill          | ..... | D9/669     |  |
| 4,231,486             | A * | 11/1980 | Bock                | ..... | 220/266    |  |
| 4,234,099             | A * | 11/1980 | Tarro               | ..... | 220/269    |  |
| 4,253,587             | A * | 3/1981  | Otterson            | ..... | 222/151    |  |
| 4,258,876             | A * | 3/1981  | Ljungcrantz         | ..... | 229/125.14 |  |
| 4,267,937             | A * | 5/1981  | Piltz et al.        | ..... | 220/267    |  |
| 4,274,563             | A * | 6/1981  | Otterson            | ..... | 222/480    |  |
| 4,280,636             | A * | 7/1981  | Lewis               | ..... | 220/835    |  |
| 4,284,200             | A * | 8/1981  | Bush et al.         | ..... | 215/215    |  |
| 4,291,818             | A * | 9/1981  | Nozawa et al.       | ..... | 220/832    |  |
| 4,299,339             | A * | 11/1981 | Giroux et al.       | ..... | 222/153.14 |  |
| 4,346,823             | A * | 8/1982  | Eppenbach           | ..... | 222/443    |  |
| D266,390              | S * | 10/1982 | Haner               | ..... | D7/597     |  |
| 4,359,171             | A * | 11/1982 | Lewis               | ..... | 220/835    |  |
| 4,361,250             | A * | 11/1982 | Foster              | ..... | 220/266    |  |
| 4,362,253             | A * | 12/1982 | Wortley et al.      | ..... | 220/276    |  |
| 4,369,901             | A * | 1/1983  | Hidding             | ..... | 222/480    |  |
| 4,414,705             | A * | 11/1983 | Ostrowsky           | ..... | 16/225     |  |
| D272,807              | S * | 2/1984  | Ruhl                | ..... | D9/449     |  |
| 4,442,950             | A * | 4/1984  | Wilson              | ..... | 220/269    |  |
| 4,457,458             | A * | 7/1984  | Heinol              | ..... | 222/498    |  |
| 4,463,869             | A * | 8/1984  | Lewis               | ..... | 220/269    |  |
| 4,467,938             | A * | 8/1984  | Allen               | ..... | 220/270    |  |
| D276,981              | S * | 1/1985  | Cleevly             | ..... | D9/449     |  |
| 4,494,679             | A * | 1/1985  | Cleevly             | ..... | 222/151    |  |
| 4,500,016             | A * | 2/1985  | Funfstuck           | ..... | 222/153.14 |  |
| 4,503,991             | A * | 3/1985  | Joyce               | ..... | 220/838    |  |
| D278,602              | S * | 4/1985  | Rosenstein          | ..... | D9/449     |  |
| 4,533,058             | A * | 8/1985  | Uhlig               | ..... | 215/216    |  |
| 4,538,731             | A * | 9/1985  | Cillario            | ..... | 206/540    |  |
| 4,541,541             | A * | 9/1985  | Hickman et al.      | ..... | 220/253    |  |
| 4,545,495             | A * | 10/1985 | Kinsley             | ..... | 215/235    |  |
| 4,545,508             | A * | 10/1985 | Cribb et al.        | ..... | 222/153.06 |  |
| 4,580,687             | A * | 4/1986  | Lewis               | ..... | 215/237    |  |
| 4,610,371             | A * | 9/1986  | Karkiewicz          | ..... | 220/266    |  |
| 4,611,725             | A * | 9/1986  | Kacalief            | ..... | 220/253    |  |
| 4,621,744             | A * | 11/1986 | Foster              | ..... | 220/270    |  |
| 4,629,081             | A * | 12/1986 | McLaren             | ..... | 215/206    |  |
| 4,648,528             | A * | 3/1987  | LaBarge et al.      | ..... | 220/240    |  |
| 4,651,885             | A * | 3/1987  | Gach                | ..... | 215/250    |  |
| 4,658,980             | A * | 4/1987  | Lindstrom           | ..... | 220/214    |  |
| D291,411              | S * | 8/1987  | Crawford            | ..... | D9/440     |  |
| 4,693,399             | A * | 9/1987  | Hickman et al.      | ..... | 222/480    |  |
| D292,491              | S * | 10/1987 | Ross et al.         | ..... | D9/447     |  |
| 4,714,181             | A * | 12/1987 | Kozlowski et al.    | ..... | 222/480    |  |
| 4,723,693             | A * | 2/1988  | DeCoster            | ..... | 222/483    |  |
| 4,726,091             | A * | 2/1988  | Joyce               | ..... | 16/227     |  |
| 4,735,334             | A * | 4/1988  | Abbott              | ..... | 222/546    |  |
| 4,739,906             | A * | 4/1988  | LoTurco             | ..... | 222/212    |  |
| 4,752,014             | A * | 6/1988  | House et al.        | ..... | 215/216    |  |
| 4,778,071             | A * | 10/1988 | Fillmore            | ..... | 215/237    |  |
| 4,792,054             | A * | 12/1988 | Weidman             | ..... | 222/23     |  |
| 4,793,501             | A * | 12/1988 | Beck                | ..... | 215/235    |  |



# US D582,273 S

|           |     |         |                  |            |           |      |         |                     |            |
|-----------|-----|---------|------------------|------------|-----------|------|---------|---------------------|------------|
| 4,793,502 | A * | 12/1988 | Beck             | 215/235    | 5,509,582 | A *  | 4/1996  | Robbins, III        | 222/158    |
| 4,823,995 | A * | 4/1989  | Lewis            | 222/545    | 5,511,679 | A *  | 4/1996  | Beck                | 220/270    |
| 4,838,441 | A * | 6/1989  | Chernack         | 215/216    | 5,542,579 | A *  | 8/1996  | Robbins, III        | 222/158    |
| 4,848,612 | A * | 7/1989  | Beck             | 215/235    | 5,566,850 | A *  | 10/1996 | Forsyth et al.      | 220/253    |
| 4,854,473 | A * | 8/1989  | Dubach           | 220/838    | 5,579,957 | A *  | 12/1996 | Gentile et al.      | 222/153.14 |
| 4,878,589 | A * | 11/1989 | Webster et al.   | 215/252    | 5,588,546 | A *  | 12/1996 | Farside             | 215/237    |
| 4,881,668 | A * | 11/1989 | Kitterman et al. | 222/482    | 5,601,213 | A *  | 2/1997  | Daniello            | 222/456    |
| 4,881,688 | A * | 11/1989 | Hankvist et al.  | 239/691    | 5,632,417 | A *  | 5/1997  | Robbins et al.      | 222/158    |
| D305,206  | S * | 12/1989 | Hickman et al.   | D9/449     | 5,642,824 | A *  | 7/1997  | Hess et al.         | 215/235    |
| D305,734  | S * | 1/1990  | Allen            | D9/438     | 5,667,089 | A *  | 9/1997  | Moore               | 215/351    |
| 4,898,292 | A * | 2/1990  | VerWeyst et al.  | 215/237    | D385,791  | S *  | 11/1997 | Forsyth et al.      | D9/447     |
| D306,563  | S * | 3/1990  | Johnson          | D9/434     | 5,697,509 | A *  | 12/1997 | Hayes               | 215/235    |
| D306,701  | S * | 3/1990  | Beck             | D9/446     | 5,743,444 | A *  | 4/1998  | Beck et al.         | 222/521    |
| 4,925,067 | A * | 5/1990  | Zemlo et al.     | 222/480    | 5,762,216 | A *  | 6/1998  | Takeuchi            | 215/235    |
| 4,927,065 | A * | 5/1990  | Beck             | 222/520    | 5,785,193 | A *  | 7/1998  | Kobayashi et al.    | 215/235    |
| 4,934,590 | A * | 6/1990  | Robichaud et al. | 229/125.09 | 5,799,838 | A *  | 9/1998  | Miller              | 222/480    |
| 4,936,494 | A * | 6/1990  | Weidman          | 222/480    | 5,829,609 | A *  | 11/1998 | Beck                | 215/217    |
| 4,938,390 | A * | 7/1990  | Markva           | 222/541.4  | 5,829,611 | A *  | 11/1998 | Beck                | 215/252    |
| 4,940,167 | A * | 7/1990  | Fillmore et al.  | 222/153.09 | 5,842,592 | A *  | 12/1998 | Beck                | 215/253    |
| 4,955,504 | A * | 9/1990  | Lesscher         | 220/321    | 5,860,968 | A *  | 1/1999  | Wojcik et al.       | 606/10     |
| 4,955,513 | A * | 9/1990  | Bennett          | 222/480    | 5,865,353 | A *  | 2/1999  | Baudin              | 222/546    |
| 4,967,941 | A * | 11/1990 | Beck             | 222/521    | 5,875,907 | A *  | 3/1999  | Lay                 | 215/253    |
| 4,971,213 | A * | 11/1990 | Ishinabe et al.  | 215/344    | D407,976  | S *  | 4/1999  | Ekkert              | D9/449     |
| 4,984,716 | A * | 1/1991  | Beck             | 222/153.07 | 5,913,435 | A *  | 6/1999  | Fuchs               | 215/237    |
| 4,993,606 | A * | 2/1991  | Bolen et al.     | 222/546    | D413,064  | S *  | 8/1999  | Bansal              | D9/449     |
| 5,007,555 | A * | 4/1991  | Beck             | 220/254.3  | D414,698  | S *  | 10/1999 | Mogard et al.       | D9/450     |
| 5,016,787 | A * | 5/1991  | Beck             | 222/522    | 5,971,231 | A *  | 10/1999 | Samz et al.         | 222/480    |
| D318,777  | S * | 8/1991  | Freese           | D7/392     | 5,975,368 | A *  | 11/1999 | Wood                | 222/151    |
| D318,778  | S * | 8/1991  | Fiore et al.     | D7/591     | 5,996,859 | A *  | 12/1999 | Beck                | 222/556    |
| D319,588  | S * | 9/1991  | Beck             | D9/447     | D419,069  | S *  | 1/2000  | Beck et al.         | D9/443     |
| 5,048,730 | A * | 9/1991  | Forsyth et al.   | 222/482    | 6,024,256 | A *  | 2/2000  | Beck et al.         | 222/153.06 |
| D320,739  | S * | 10/1991 | Camus            | D32/29.1   | 6,102,257 | A *  | 8/2000  | Goyet               | 222/498    |
| D320,746  | S * | 10/1991 | Bolen et al.     | D9/446     | D435,445  | S *  | 12/2000 | Arai et al.         | D9/447     |
| D321,137  | S * | 10/1991 | Hofmann et al.   | D9/447     | 6,158,632 | A *  | 12/2000 | Ekkert              | 222/556    |
| 5,052,572 | A * | 10/1991 | Pherigo          | 220/270    | 6,164,503 | A *  | 12/2000 | Forsyth et al.      | 222/556    |
| D321,476  | S * | 11/1991 | Alcover          | D32/29.1   | D436,040  | S *  | 1/2001  | Warner et al.       | D9/449     |
| 5,067,624 | A * | 11/1991 | Thanisch         | 215/235    | 6,170,664 | B1 * | 1/2001  | Dar                 | 206/5.1    |
| D323,461  | S * | 1/1992  | Beck             | D9/447     | 6,202,872 | B1 * | 3/2001  | Smeyak et al.       | 215/343    |
| D323,462  | S * | 1/1992  | Beck             | D9/447     | D440,156  | S *  | 4/2001  | Lonczak et al.      | D7/597     |
| 5,083,671 | A * | 1/1992  | Hayes            | 215/245    | 6,250,507 | B1 * | 6/2001  | Ekkert              | 222/153.14 |
| D324,175  | S * | 2/1992  | Beck             | D9/447     | 6,250,517 | B1 * | 6/2001  | Samz et al.         | 222/565    |
| 5,085,331 | A * | 2/1992  | Groya et al.     | 215/245    | 6,283,317 | B1 * | 9/2001  | Benoit-gonin et al. | 215/235    |
| 5,129,531 | A * | 7/1992  | Beck et al.      | 215/256    | 6,289,906 | B1 * | 9/2001  | Vanden Dries et al. | 134/117    |
| 5,129,533 | A * | 7/1992  | Loffler          | 215/344    | 6,296,130 | B1 * | 10/2001 | Forsyth et al.      | 215/219    |
| 5,143,234 | A * | 9/1992  | Lohrman et al.   | 215/235    | 6,299,033 | B1 * | 10/2001 | VerWeyst et al.     | 222/480    |
| D331,877  | S * | 12/1992 | Robichaud et al. | D9/449     | 6,308,870 | B2 * | 10/2001 | Samz et al.         | 222/480    |
| D331,878  | S * | 12/1992 | Forsyth          | D9/449     | 6,321,923 | B1 * | 11/2001 | Wood                | 215/235    |
| 5,167,338 | A * | 12/1992 | Kick             | 220/253    | 6,325,231 | B1 * | 12/2001 | Ketting et al.      | 220/254.3  |
| 5,183,171 | A * | 2/1993  | Pherigo          | 220/258.3  | 6,332,551 | B1 * | 12/2001 | Copeland            | 220/262    |
| 5,197,634 | A * | 3/1993  | Beck             | 222/109    | D453,892  | S *  | 2/2002  | Lindsay et al.      | D7/596     |
| 5,211,301 | A * | 5/1993  | Groya et al.     | 215/245    | RE37,634  | E *  | 4/2002  | Hickman et al.      | 222/480    |
| 5,215,204 | A * | 6/1993  | Beck et al.      | 215/252    | 6,364,169 | B1 * | 4/2002  | Knickerbocker       | 222/189.02 |
| 5,219,100 | A * | 6/1993  | Beck et al.      | 222/480    | 6,382,476 | B1 * | 5/2002  | Randall et al.      | 222/545    |
| D339,065  | S * | 9/1993  | Forsyth et al.   | D9/447     | 6,405,885 | B1 * | 6/2002  | Elliott             | 215/237    |
| D340,187  | S * | 10/1993 | Forsyth          | D9/449     | 6,439,410 | B1 * | 8/2002  | Dubach              | 215/235    |
| D340,188  | S * | 10/1993 | Forsyth          | D9/449     | 6,460,712 | B2 * | 10/2002 | Smith et al.        | 215/235    |
| 5,282,540 | A * | 2/1994  | Beck             | 215/252    | 6,460,718 | B1 * | 10/2002 | Vogel               | 220/254.2  |
| 5,297,688 | A * | 3/1994  | Beck et al.      | 215/344    | 6,460,726 | B1 * | 10/2002 | Hierzer et al.      | 220/838    |
| 5,305,931 | A * | 4/1994  | Martin et al.    | 222/480    | 6,464,113 | B1 * | 10/2002 | Vogel               | 222/480    |
| D346,958  | S * | 5/1994  | Olson            | D32/35     | 6,474,491 | B1 * | 11/2002 | Benoit-Gonin et al. | 215/252    |
| 5,314,093 | A * | 5/1994  | Gross et al.     | 222/153.14 | 6,477,743 | B1 * | 11/2002 | Gross et al.        | 222/525    |
| D347,974  | S * | 6/1994  | McBride          | D7/619.1   | 6,481,589 | B2 * | 11/2002 | Blomdahl et al.     | 215/303    |
| 5,328,063 | A * | 7/1994  | Beck et al.      | 222/524    | 6,488,187 | B2 * | 12/2002 | Sheffler et al.     | 222/480    |
| 5,330,082 | A * | 7/1994  | Forsyth          | 222/480    | 6,494,346 | B2 * | 12/2002 | Gross et al.        | 222/185.1  |
| 5,339,993 | A * | 8/1994  | Groya et al.     | 222/153.02 | D468,639  | S *  | 1/2003  | Wennerstrom et al.  | D9/449     |
| 5,356,017 | A * | 10/1994 | Rohr et al.      | 215/216    | 6,508,373 | B1 * | 1/2003  | Robinson            | 215/209    |
| D355,121  | S * | 2/1995  | Kohl             | D9/447     | 6,510,971 | B1 * | 1/2003  | Martin              | 222/556    |
| 5,423,442 | A * | 6/1995  | Nozawa et al.    | 215/235    | 6,576,323 | B2 * | 6/2003  | Wise et al.         | 428/156    |
| 5,467,879 | A * | 11/1995 | Moore            | 215/253    | D476,892  | S *  | 7/2003  | Martin et al.       | D9/449     |
| 5,489,035 | A * | 2/1996  | Fuchs            | 215/235    | 6,691,901 | B2 * | 2/2004  | Parve et al.        | 222/556    |
| 5,494,200 | A * | 2/1996  | Sheffler et al.  | 222/565    | D509,426  | S *  | 9/2005  | Samz et al.         | D9/447     |
| 5,499,736 | A * | 3/1996  | Kohl             | 220/254.5  | 7,007,830 | B2 * | 3/2006  | Parve et al.        | 222/556    |
| 5,507,419 | A * | 4/1996  | Martin et al.    | 222/480    | D522,362  | S *  | 6/2006  | Liebe               | D9/449     |

# US D582,273 S

Page 4

---

|              |      |        |              |       |           |                     |      |         |              |       |           |
|--------------|------|--------|--------------|-------|-----------|---------------------|------|---------|--------------|-------|-----------|
| 2003/0071041 | A1 * | 4/2003 | Vogel        | ..... | 220/254.2 | 2004/0134942        | A1 * | 7/2004  | Parve et al. | ..... | 222/556   |
| 2003/0090036 | A1 * | 5/2003 | Vogel        | ..... | 264/322   | 2004/0173645        | A1 * | 9/2004  | Vogel et al. | ..... | 222/556   |
| 2003/0111495 | A1 * | 6/2003 | Parve et al. | ..... | 222/556   | 2004/0226950        | A1 * | 11/2004 | Samz et al.  | ..... | 220/254.2 |
| 2004/0089678 | A1 * | 5/2004 | Martin       | ..... | 222/556   | 2005/0023304        | A1 * | 2/2005  | Vogel et al. | ..... | 222/480   |
| 2004/0118846 | A1 * | 6/2004 | Merolla      | ..... | 220/254.2 | * cited by examiner |      |         |              |       |           |

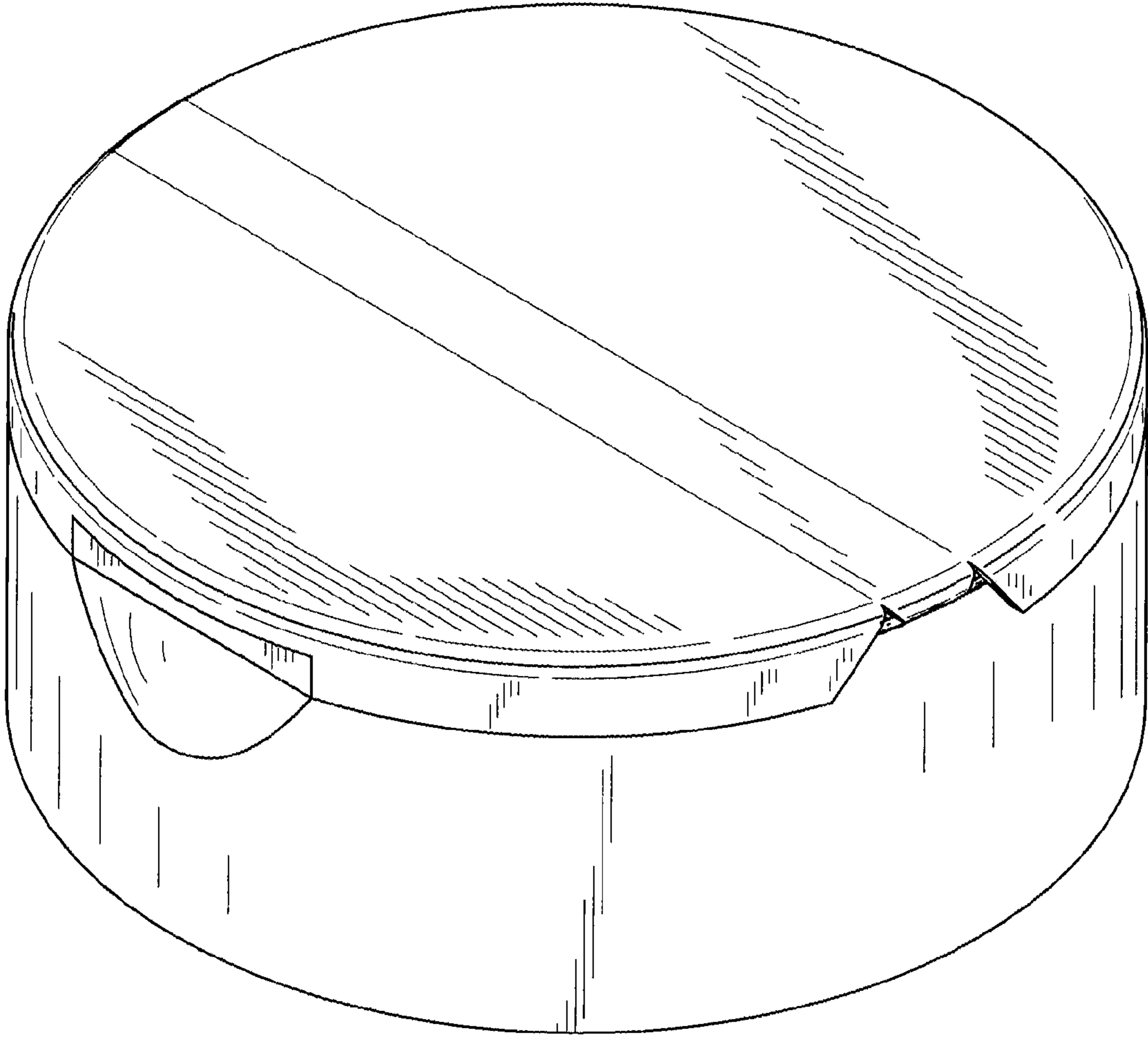


FIGURE 1



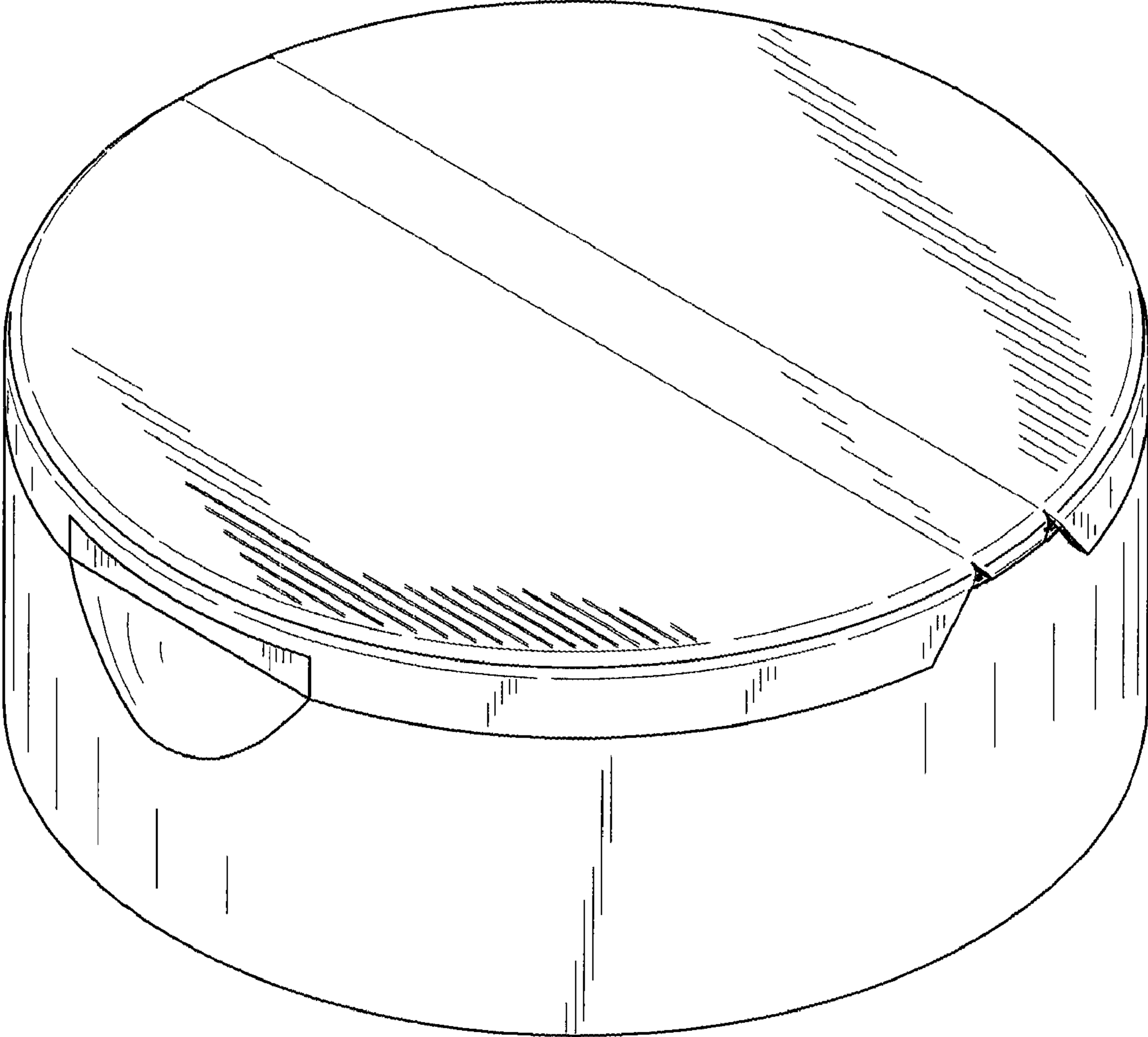


FIGURE 2

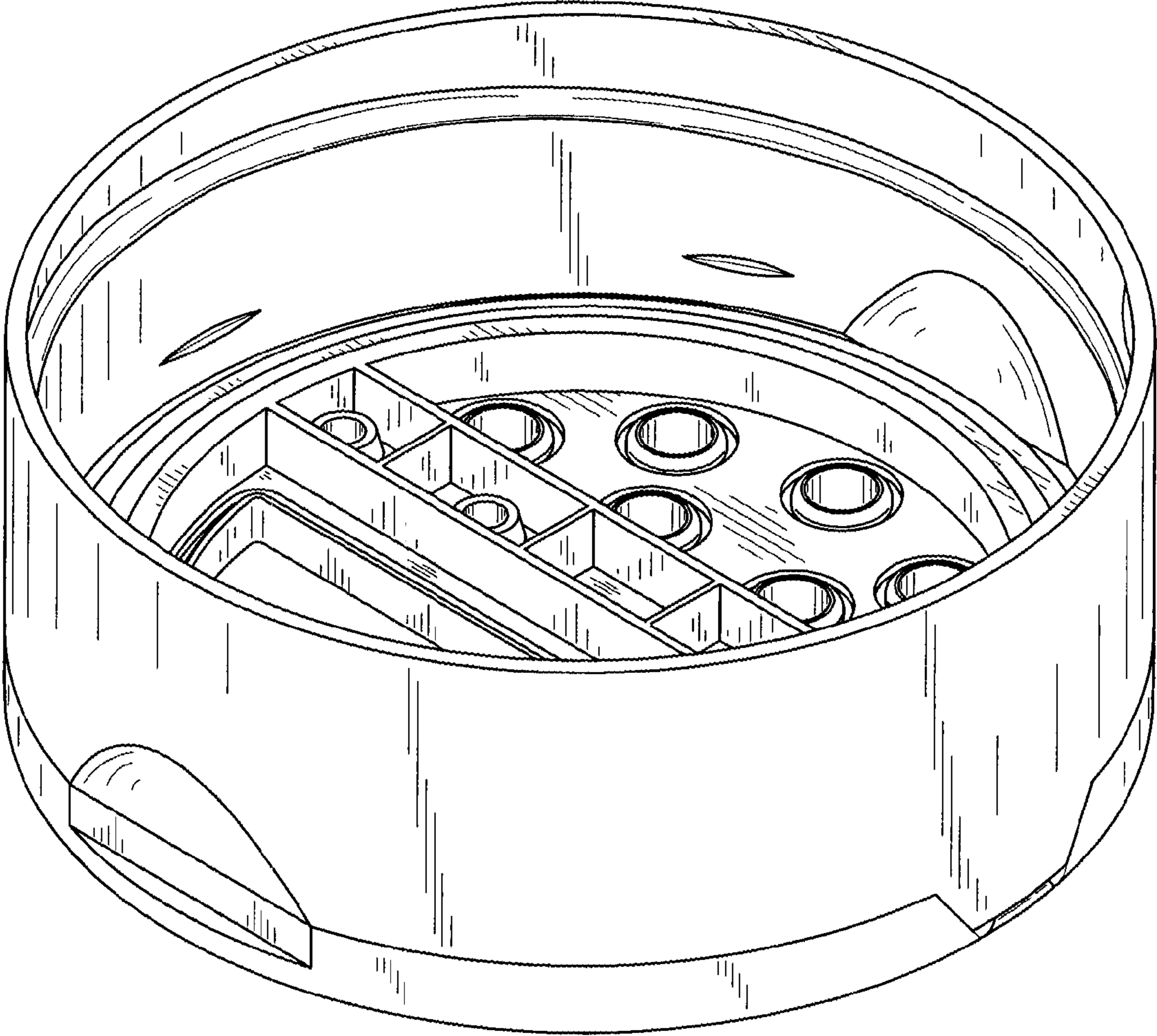


FIGURE 3

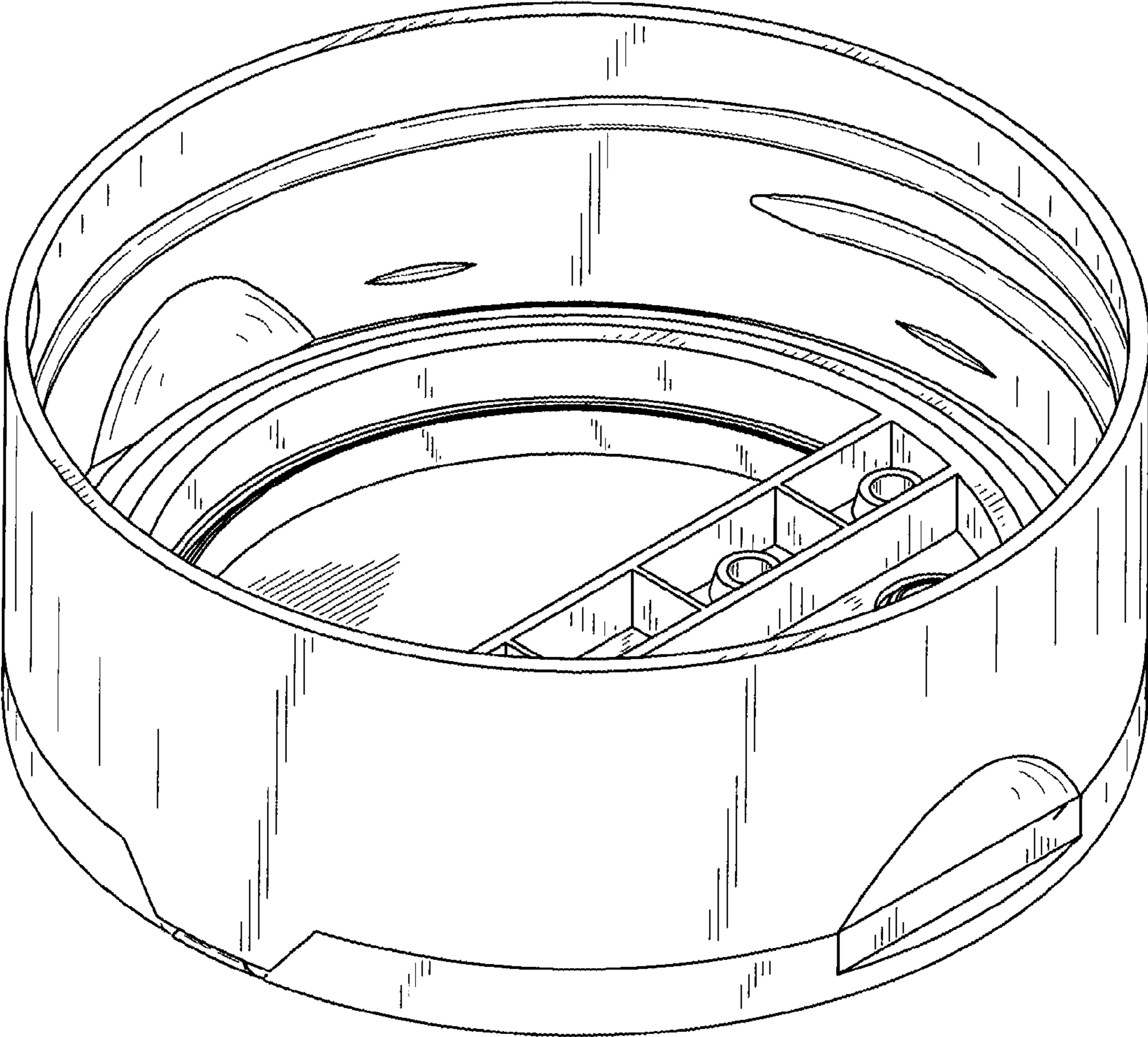


FIGURE 4



FIGURE 5

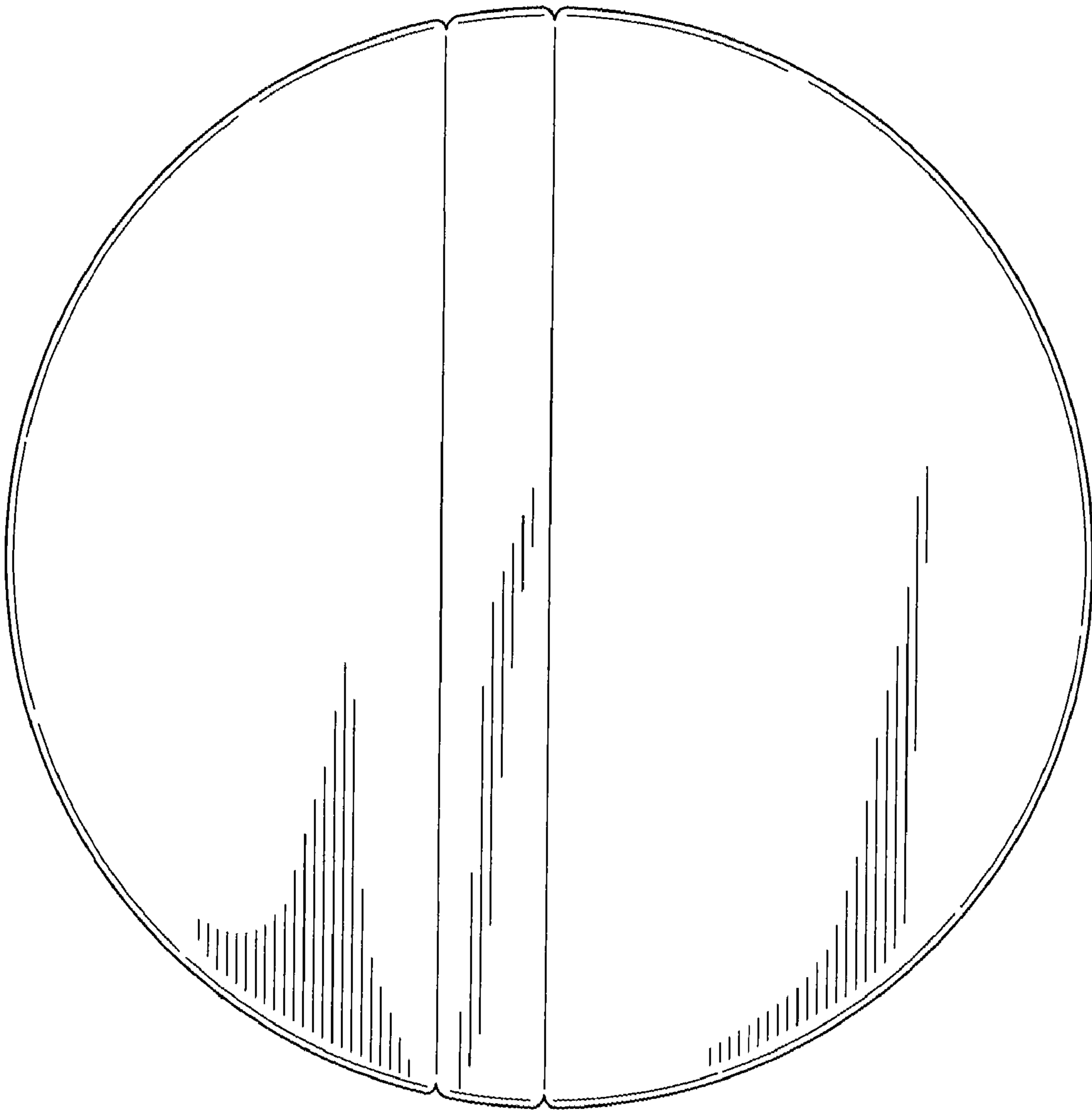


FIGURE 6

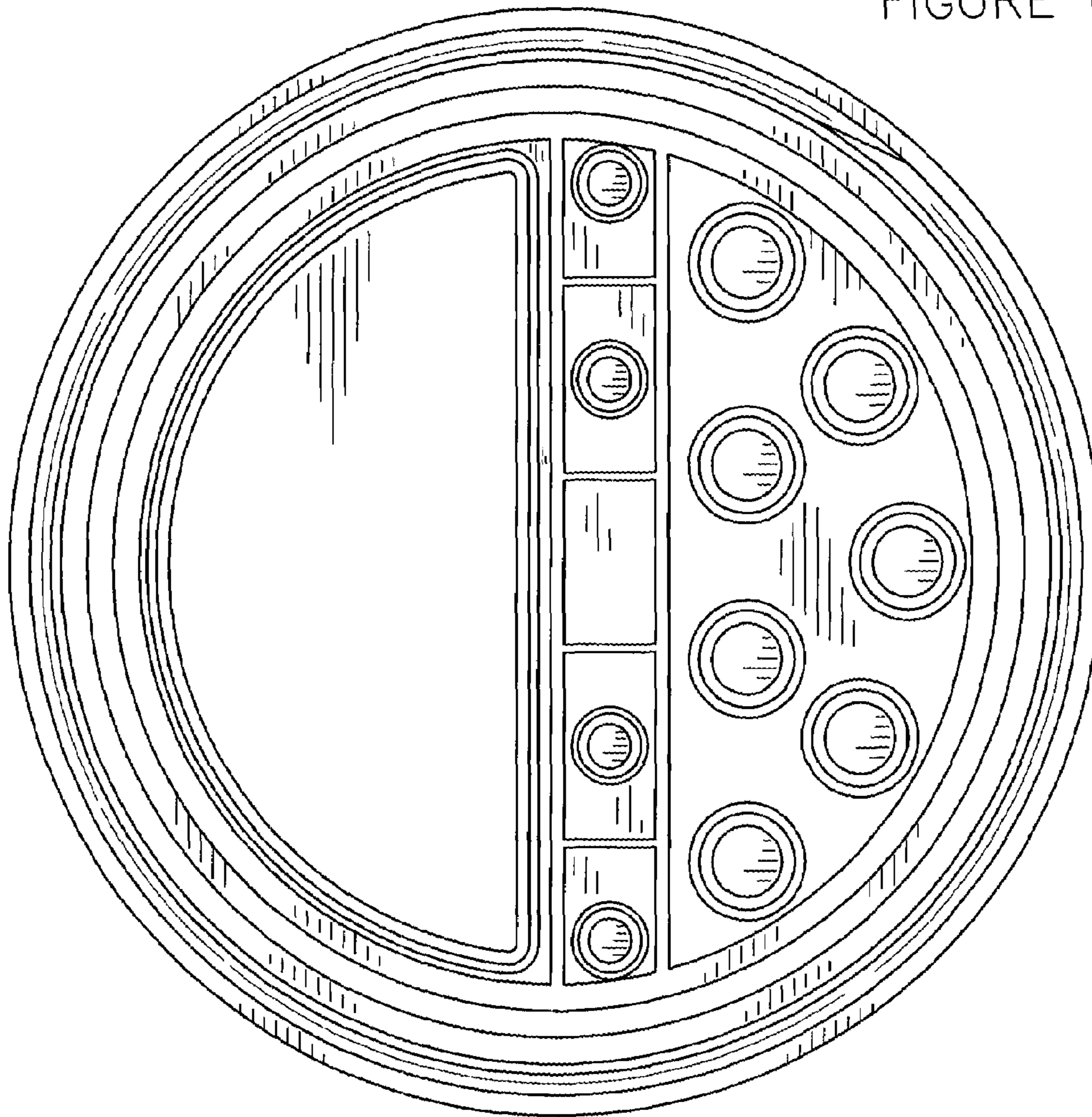


FIGURE 7

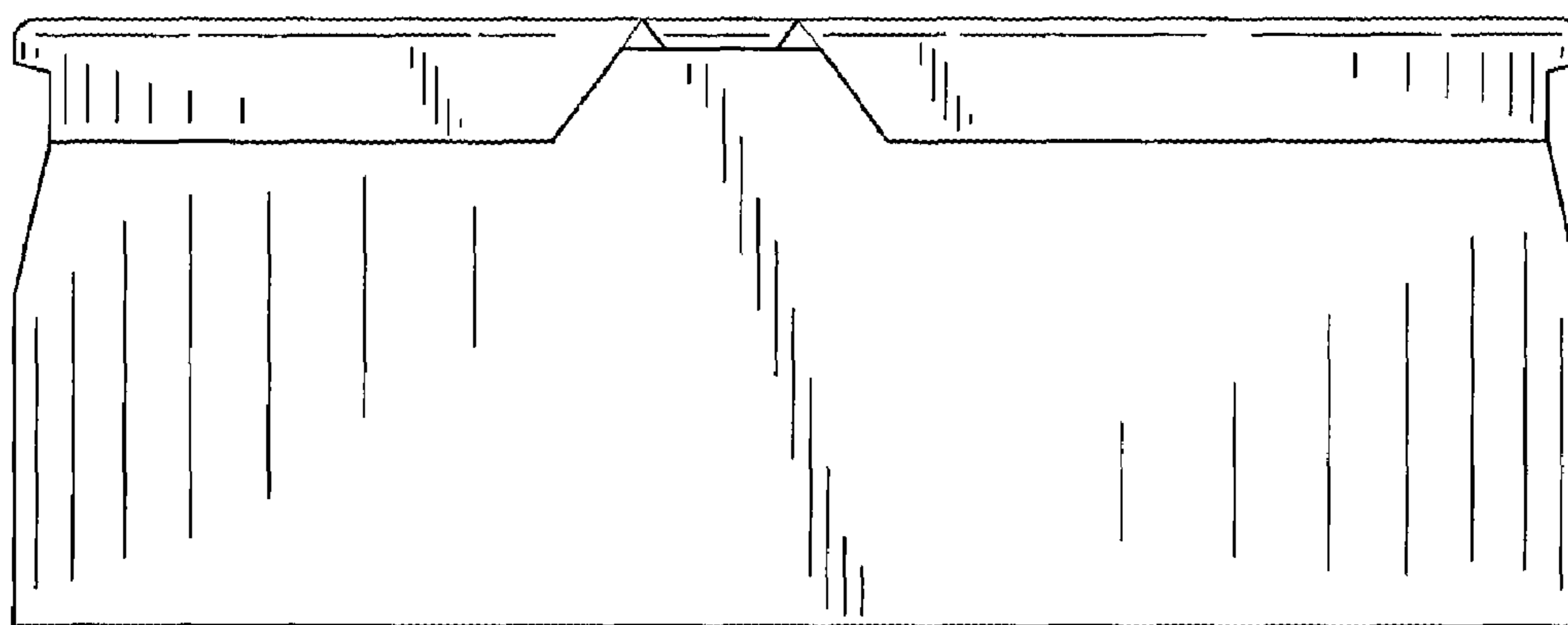




FIGURE 8

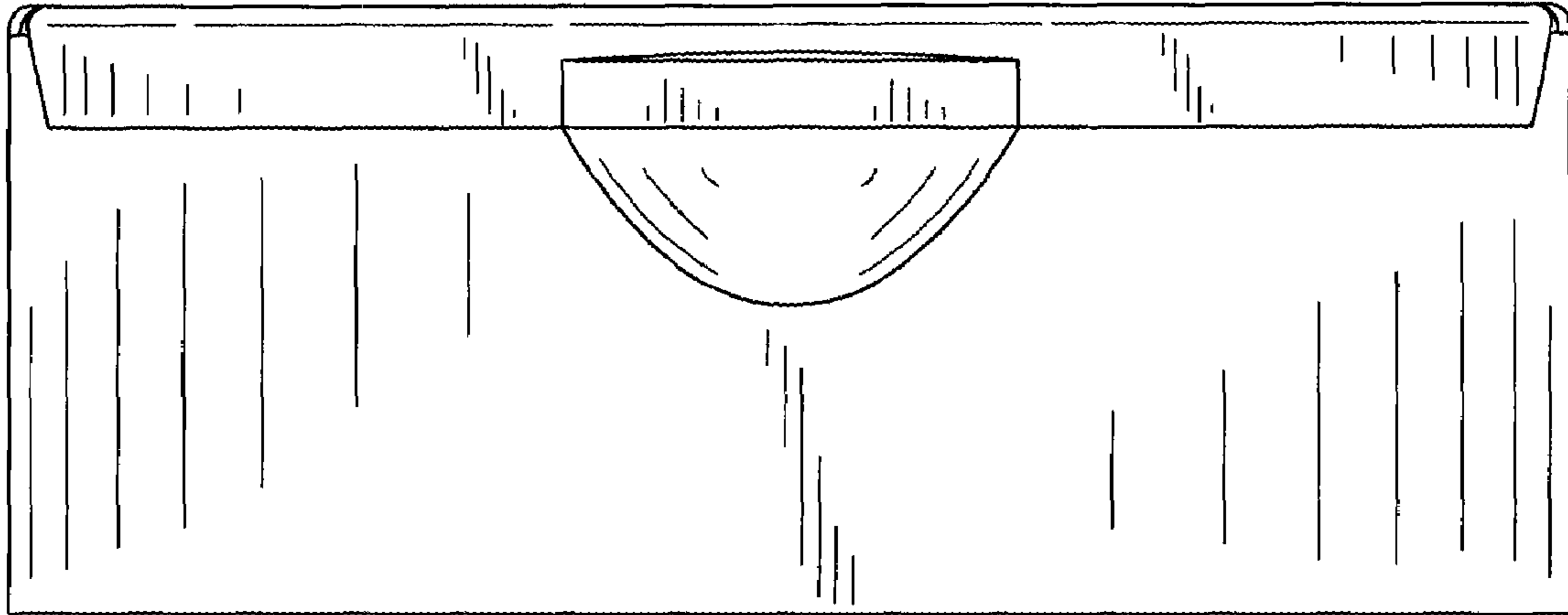
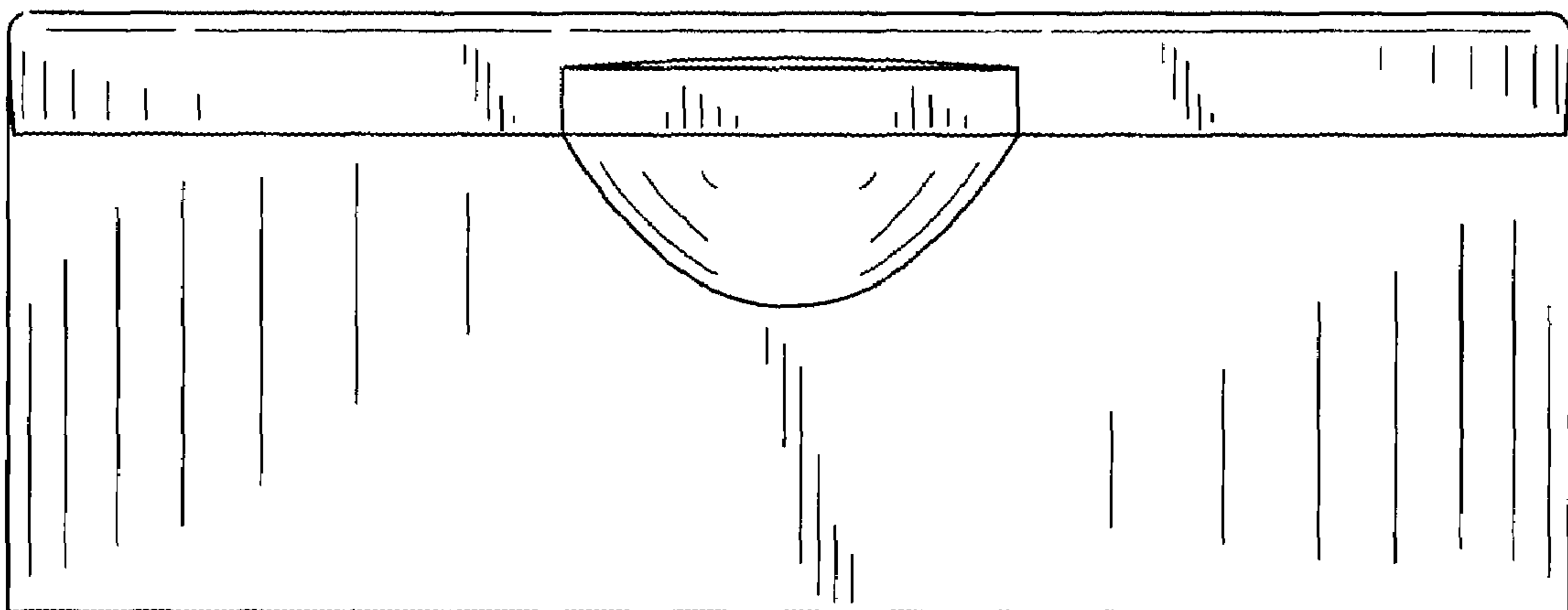


FIGURE 9



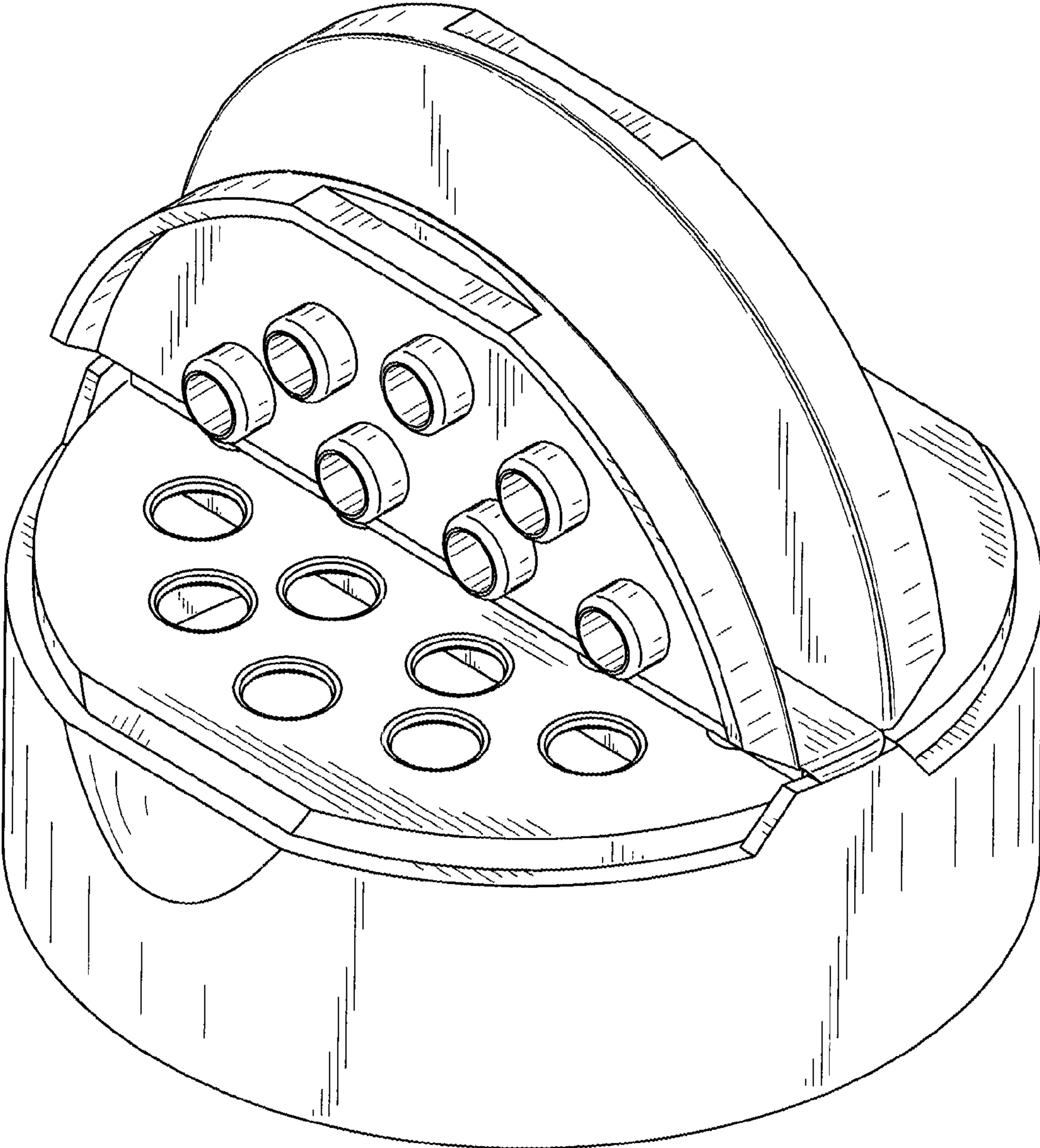


FIGURE 10



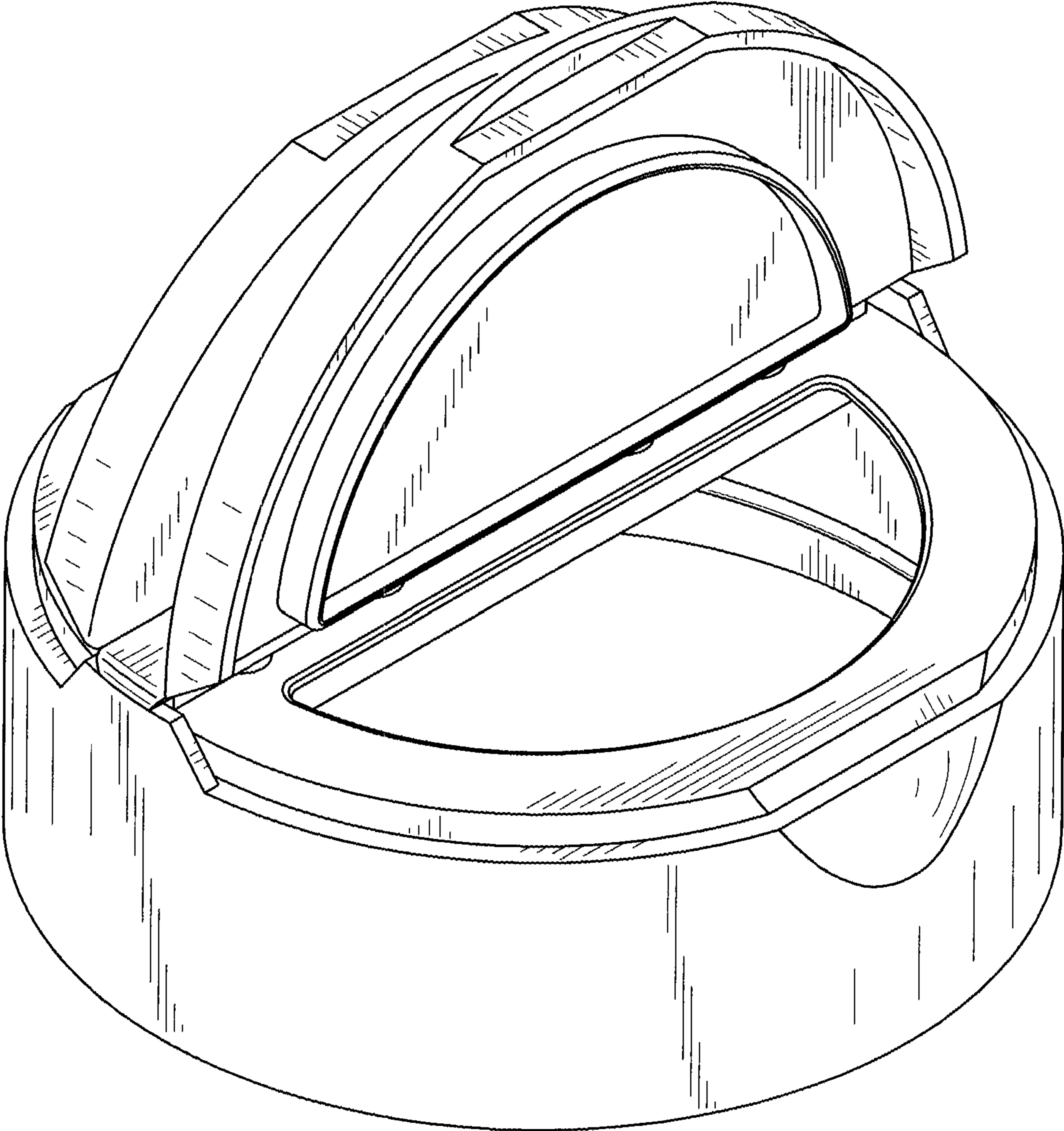


FIGURE 11

FIGURE 12

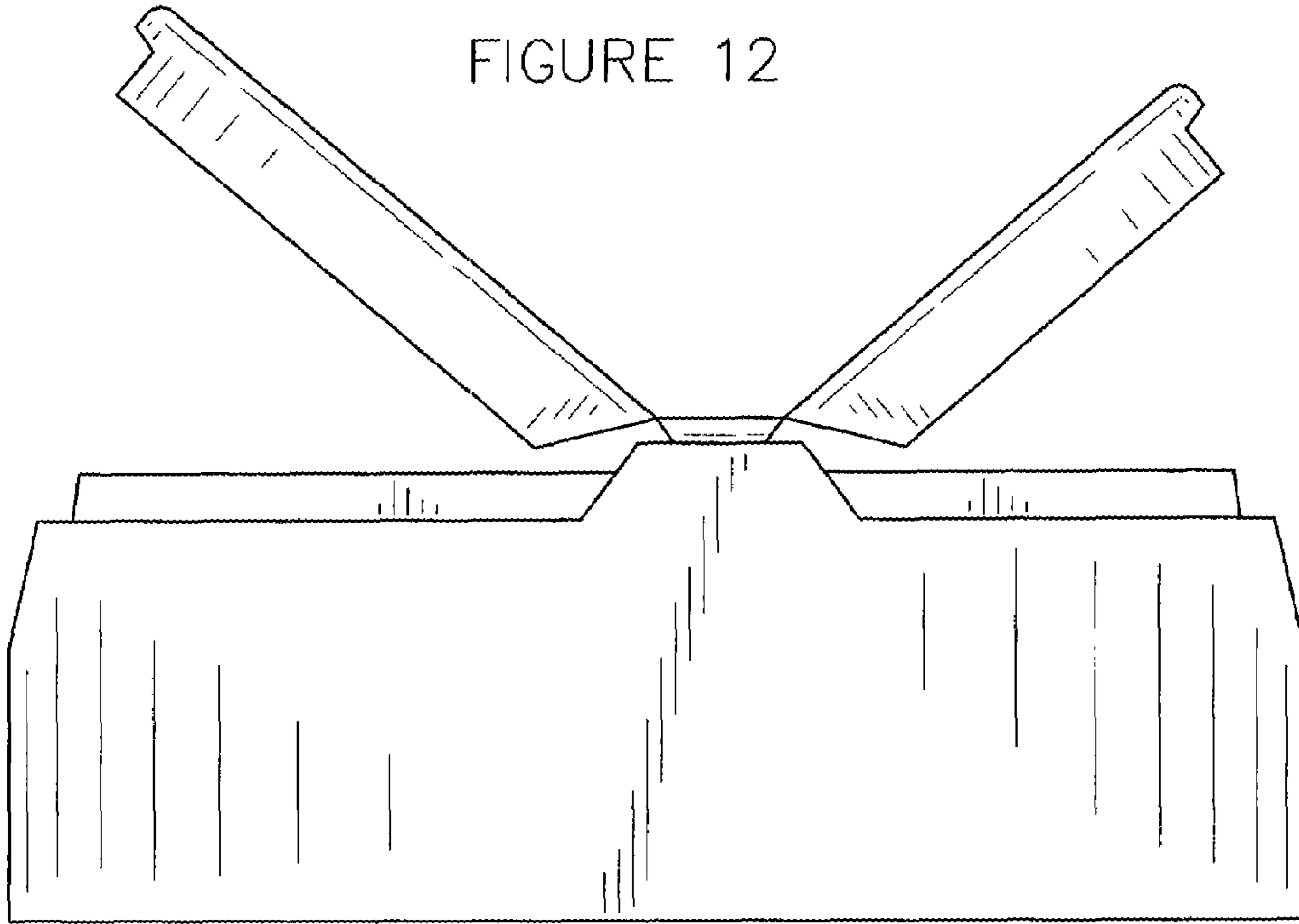


FIGURE 13

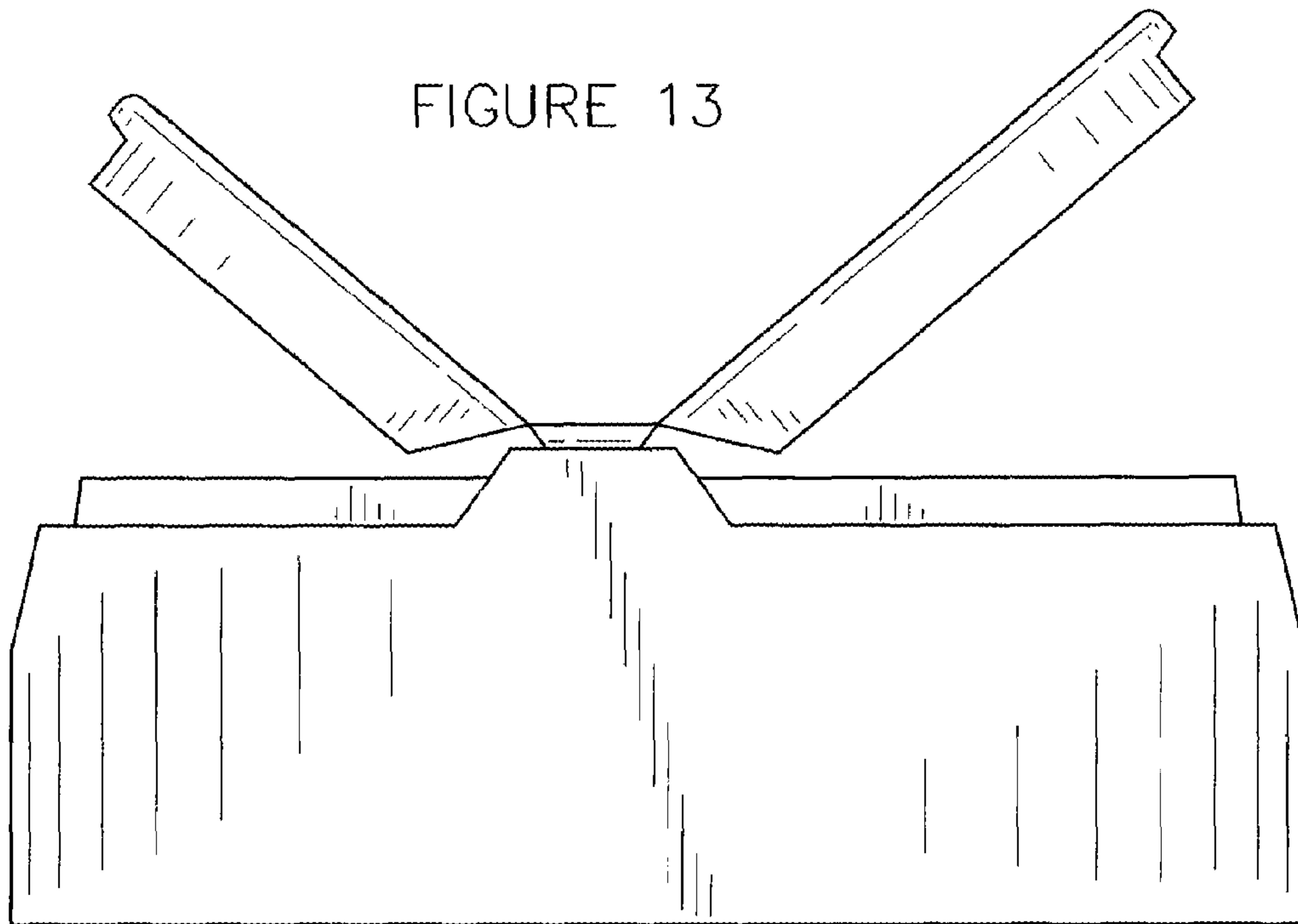




FIGURE 14

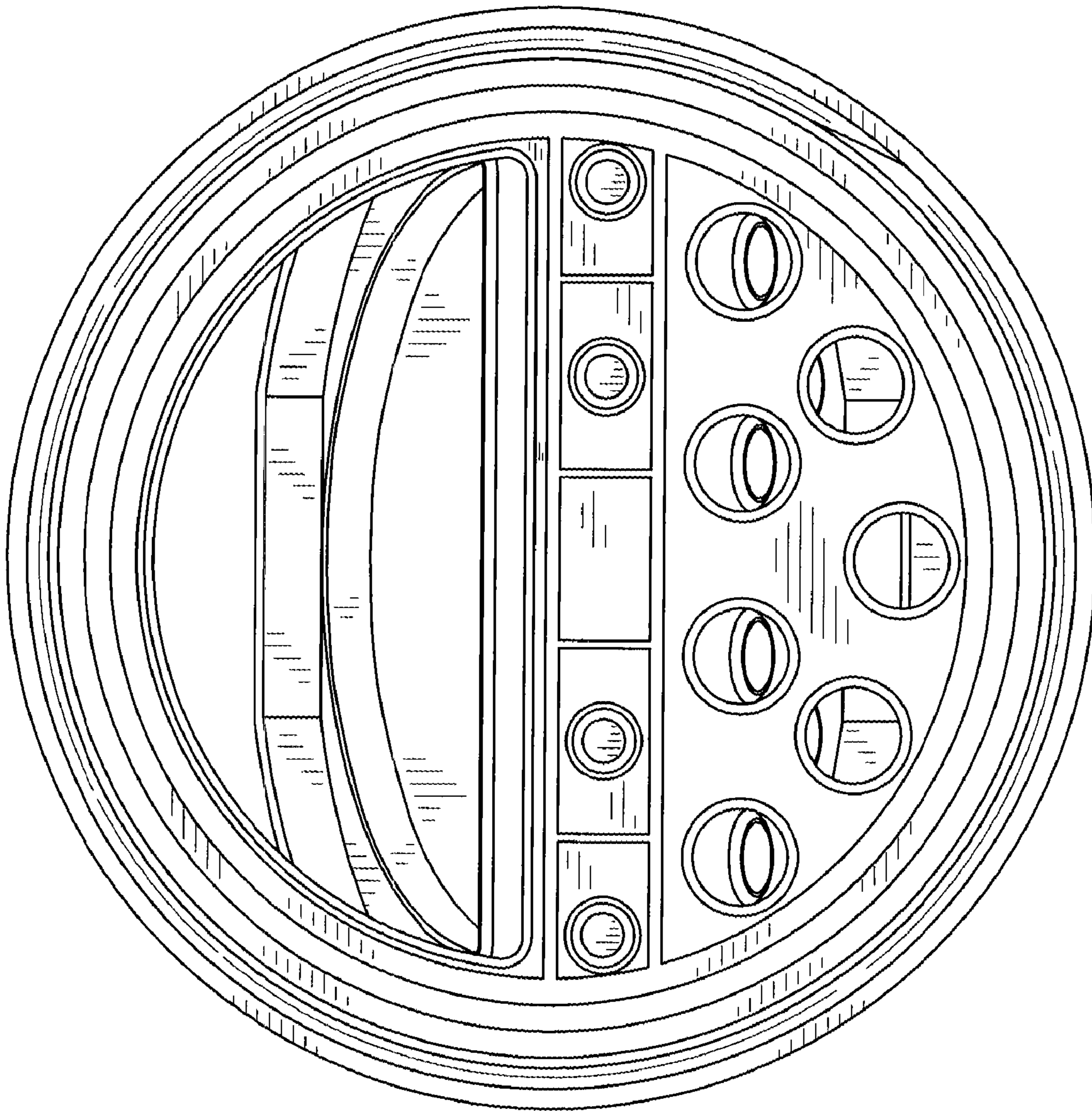


FIGURE 15

