



US00D658980S

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

(10) **Patent No.:** **US D658,980 S**

(45) **Date of Patent:** **** May 8, 2012**

(54) **COUNTERSINK GROOVE COVER FOR A BEVERAGE CAN**

4,679,702 A * 7/1987 Maccarone et al. 220/717
4,741,450 A * 5/1988 Braude 220/712
4,749,100 A * 6/1988 Eberhart 220/792
4,752,016 A * 6/1988 Eads 220/253

(76) Inventor: **Barry W. Chapin**, Westborough, MA
(US)

(Continued)

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

FOREIGN PATENT DOCUMENTS

CN 101397063 A 4/2009

(Continued)

(21) Appl. No.: **29/394,693**

(22) Filed: **Jun. 20, 2011**

OTHER PUBLICATIONS

Crown Brand-Building Packaging, Beverage Packaging Products & Services, Beverage Cans, Feb. 2007, <http://web.archive.org/web/20070211023140/>; printed from Crown Cork & Seal website.

(Continued)

Related U.S. Application Data

(62) Division of application No. 29/365,508, filed on Jul. 9, 2010, now Pat. No. Des. 640,141.

(51) **LOC (9) Cl.** **09-07**

(52) **U.S. Cl.** **D9/434**

(58) **Field of Classification Search** D9/780,
D9/778, 772, 763, 756, 556, 529, 518, 504,
D9/503, 454, 450, 449, 447, 440, 438, 435,
D9/434, 428, 425, 424; D7/584, 392.1, 549,
D7/557, 601, 630, 396.2; 229/123.1; 222/556;
220/906, 806, 716, 713, 711, 359.3, 359.1,
220/285, 273, 265, 259.2-259.4, 258.2, 257.1,
220/254.4; 215/256, 249, 232, 216; 206/530
See application file for complete search history.

Primary Examiner — Susan Bennett Hattan

(74) *Attorney, Agent, or Firm* — Chapin IP Law, LLC; Barry W. Chapin

(57) **CLAIM**

A countersink groove cover for a beverage can, substantially as shown and described.

DESCRIPTION

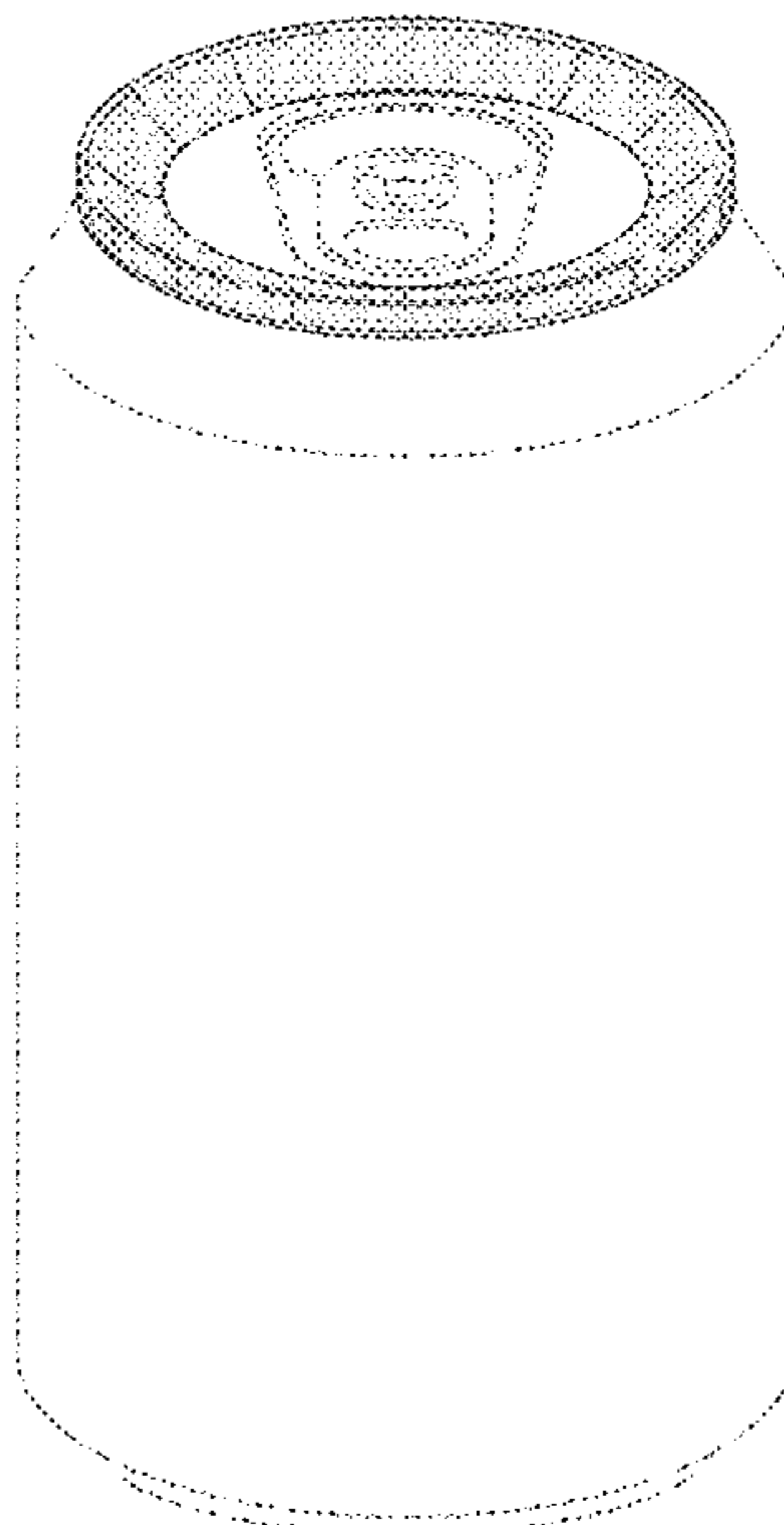
FIG. 1 is a perspective view of the countersink groove cover for a beverage can;
FIG. 2 is top view of the countersink groove cover for a beverage can;
FIG. 3 is bottom view of the countersink groove cover for a beverage can;
FIG. 4 is side view of the countersink groove cover for a beverage can; and,
FIG. 5 is cross section profile cutaway view of the countersink groove cover for a beverage can.
The broken lines in the FIGURES depict environmental subject matter only and form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D126,200 S * 4/1941 Eisenburg D9/434
2,693,685 A * 11/1954 Stafford 220/716
2,812,886 A * 11/1957 Weinstein 222/569
3,693,829 A * 9/1972 Price 220/698
3,894,650 A * 7/1975 Crump 220/701
4,084,525 A * 4/1978 Booth 53/408
4,087,018 A * 5/1978 Tebbutt 220/257.2
4,316,560 A * 2/1982 Carter 222/567
4,579,257 A * 4/1986 Brandlein 222/192
4,609,123 A 9/1986 Poncy

1 Claim, 3 Drawing Sheets



U.S. PATENT DOCUMENTS

4,815,628 A * 3/1989 Wehnert, III 220/796
D300,607 S * 4/1989 Ball D9/438
4,834,258 A * 5/1989 Root 220/269
4,869,389 A 9/1989 Cerrone, Jr.
4,880,136 A 11/1989 Englert
4,917,258 A * 4/1990 Boyd et al. 220/240
4,941,573 A 7/1990 Fuerstman
4,969,570 A * 11/1990 Harvey, Sr. 220/733
5,014,869 A 5/1991 Hammond
5,103,973 A 4/1992 Sato
5,105,964 A * 4/1992 Heath 220/784
5,108,003 A 4/1992 Granofsky
5,119,955 A * 6/1992 Granofsky 220/270
5,131,554 A * 7/1992 Kuo 220/258.2
D329,602 S 9/1992 Cochrane
D329,603 S 9/1992 Barrett
5,244,111 A * 9/1993 Merom 220/694
5,273,176 A * 12/1993 Diaz 220/258.2
5,285,924 A * 2/1994 Morris 220/694
5,292,022 A * 3/1994 Blanco 220/257.1
5,492,077 A 2/1996 Rose
5,645,190 A * 7/1997 Goldberg 220/674
5,647,497 A * 7/1997 Labbe 220/257.2
5,692,633 A * 12/1997 Gordon 220/253
5,813,561 A 9/1998 Chang
D410,844 S * 6/1999 Hurst D9/438
5,934,497 A * 8/1999 Chang et al. 220/269
5,967,363 A * 10/1999 Allen 220/806
5,971,195 A 10/1999 Reidinger et al.
5,996,832 A * 12/1999 Nieuwoudt 220/257.2
6,053,349 A 4/2000 Hayes
6,065,634 A * 5/2000 Brifcani et al. 220/619
6,073,797 A * 6/2000 Barous 220/716
6,089,072 A * 7/2000 Fields 72/379.4
6,202,881 B1 * 3/2001 Chiang 220/269
6,241,114 B1 6/2001 Savino et al.
6,290,084 B1 9/2001 Louie
6,296,137 B1 * 10/2001 Bjornson 220/257.2
6,321,927 B2 * 11/2001 Cavella 220/359.2
6,338,418 B1 1/2002 Derose
6,390,749 B2 5/2002 Song
6,425,493 B1 * 7/2002 Gardiner 220/733
6,450,358 B1 * 9/2002 Berro 220/258.2
6,460,723 B2 * 10/2002 Nguyen et al. 220/619
D471,453 S * 3/2003 Stodd D9/434
6,575,324 B1 6/2003 Hamer
6,626,314 B1 * 9/2003 McHenry et al. 220/254.2
6,637,616 B2 * 10/2003 Couto 220/717
6,719,166 B2 * 4/2004 Ceolin et al. 220/783
6,729,495 B2 * 5/2004 Gardiner 220/733
6,817,819 B2 * 11/2004 Olson et al. 413/12
D500,343 S 12/2004 McRobbie
6,877,607 B2 4/2005 Jenkins
D507,485 S * 7/2005 Fields D9/438
6,915,553 B2 * 7/2005 Turner et al. 29/505
6,992,586 B2 1/2006 Rosenfeld
7,017,769 B1 * 3/2006 Talmon 220/258.2
7,017,796 B2 3/2006 Ishikawa
D522,860 S * 6/2006 LaFortune D9/449
7,100,789 B2 * 9/2006 Nguyen et al. 220/623
7,108,469 B2 * 9/2006 Jenkins 413/8
7,195,130 B2 3/2007 Pendergrass et al.

D559,680 S * 1/2008 Jacober et al. D9/438
7,370,774 B2 * 5/2008 Watson et al. 220/619
D603,218 S * 11/2009 Hollinger D7/412
7,644,833 B2 * 1/2010 Turner et al. 220/269
7,757,887 B2 * 7/2010 Gardiner 220/733
D625,190 S * 10/2010 Pontes D9/454
RE42,485 E * 6/2011 Fields D9/438
D641,239 S * 7/2011 Ramsey et al. D9/435
D641,622 S * 7/2011 Fields D9/435
D641,623 S * 7/2011 Fields D9/435
D643,718 S * 8/2011 Fields D9/435
2002/0050493 A1 5/2002 Ball et al.
2002/0062922 A1 5/2002 St. John
2002/0158071 A1 * 10/2002 Chasteen et al. 220/269
2003/0102313 A1 * 6/2003 Weber 220/254.4
2004/0020934 A1 * 2/2004 Olsen 220/711
2004/0064983 A1 4/2004 Joseph
2004/0108237 A1 6/2004 McClintock
2004/0206764 A1 * 10/2004 Gardiner 220/733
2004/0256386 A1 12/2004 Lafortune
2005/0008299 A1 1/2005 Ohe et al.
2005/0035011 A1 2/2005 McRobbie
2005/0035018 A1 2/2005 McRobbie
2005/0218013 A1 10/2005 Tabeshnekoo
2006/0070994 A1 * 4/2006 Tiikkainen 220/254.4
2006/0151501 A1 7/2006 Chang et al.
2007/0075089 A1 4/2007 Stein
2007/0187410 A1 * 8/2007 Legorreta et al. 220/375
2008/0006630 A1 1/2008 Messina
2008/0050207 A1 * 2/2008 Turner et al. 413/8
2008/0217347 A1 * 9/2008 Markaj 220/713
2008/0230544 A1 9/2008 Kim
2008/0257900 A1 * 10/2008 Turner et al. 220/733
2010/0243663 A1 * 9/2010 Jentzsch et al. 220/619
2010/0332420 A1 12/2010 Groening
2011/0138742 A1 6/2011 Mclean

FOREIGN PATENT DOCUMENTS

JP 6171650 A2 6/1994
WO 9302939 A1 2/1993
WO 95283228 A1 10/1995
WO 0219878 A1 3/2002
WO 03089328 A1 10/2003
WO 2010040193 4/2010

OTHER PUBLICATIONS

Beverage Industry, Packaging, www.bevindustry.com; Apr. 2003.
SaferTech, ProTop, May 2001, <http://web.archive.org/web/20010518091827/>; printed from SaferTech website.
Packaging Digest, New Products Materials, Nov. 2006, www.packagingdigest.com; printed from Packaging Digest website.
Indian Patents News, Philippine Inventor Develops Flip-Top Beverage Can Sanitary Cover, Aug. 2009, <http://proquest.umi.com.libproxy.mit.edu/pqdweb?did=1959291881&sid=8&Fmt=3&clientId=5482&RQT=309&VName=PQD>; printed from ProQuest website.
International Search Report and Written Opinion mailed Oct. 31, 2011 in corresponding International Application No. PCT/US2010/053881.

* cited by examiner

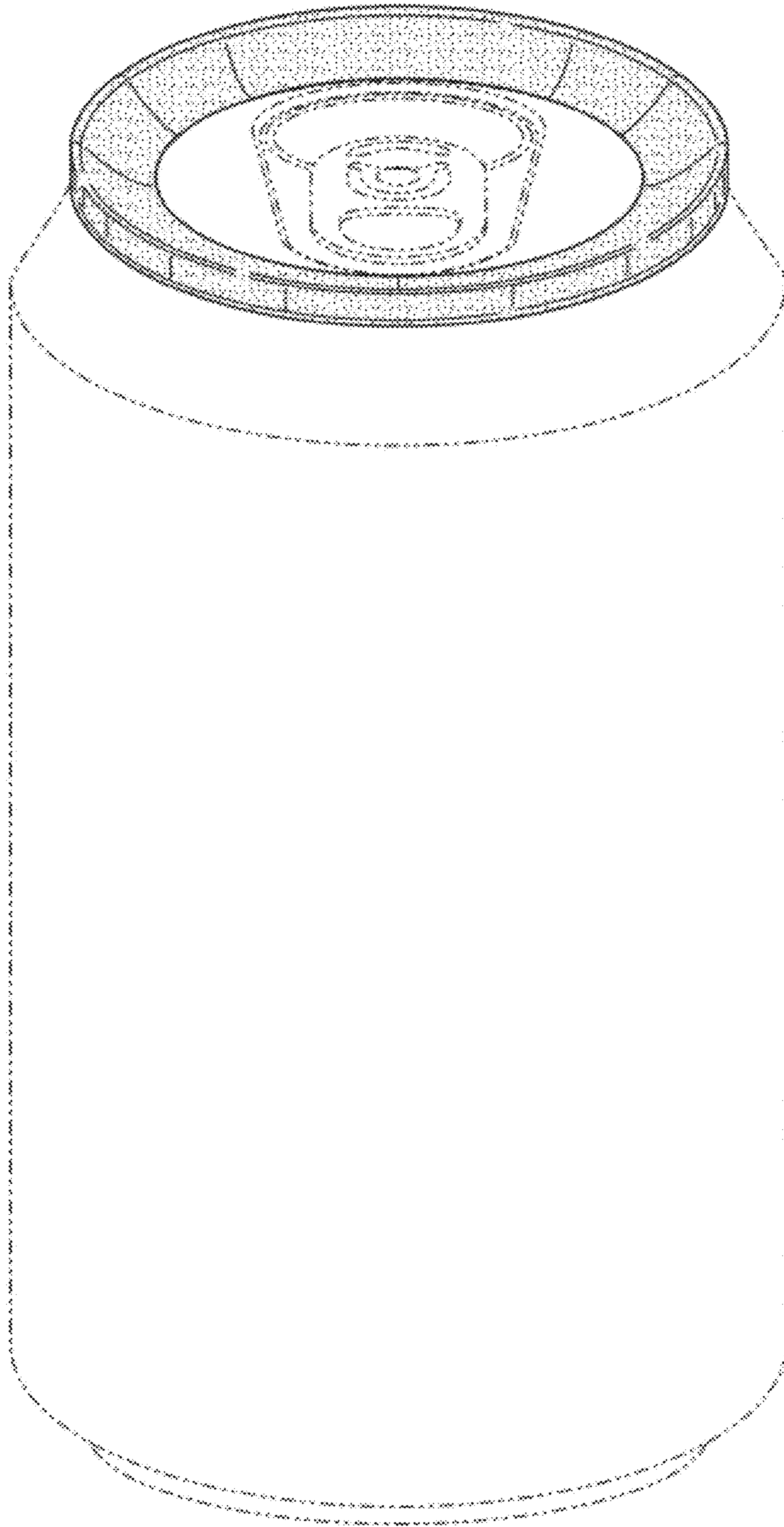


FIG. 1

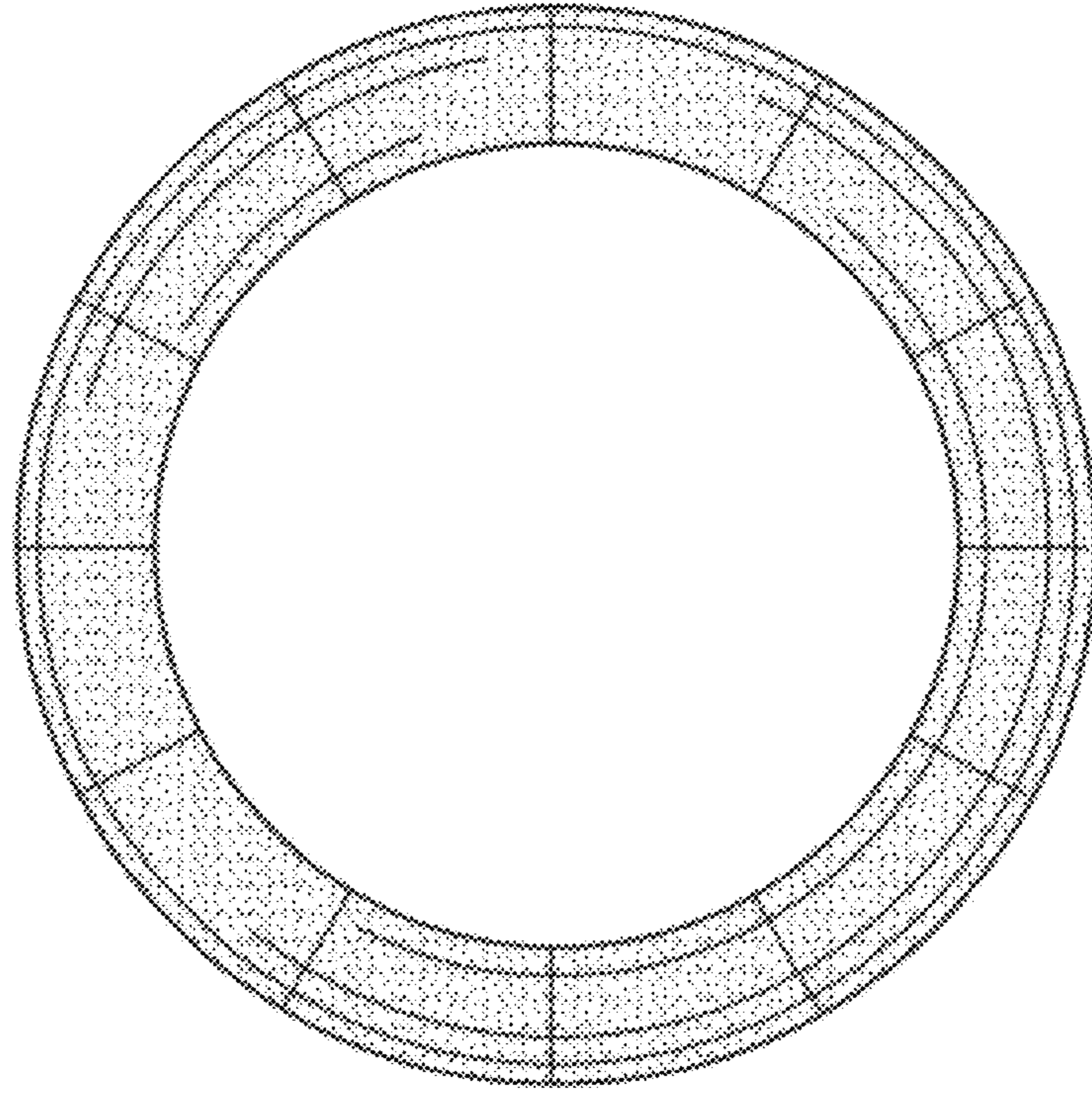


FIG. 2

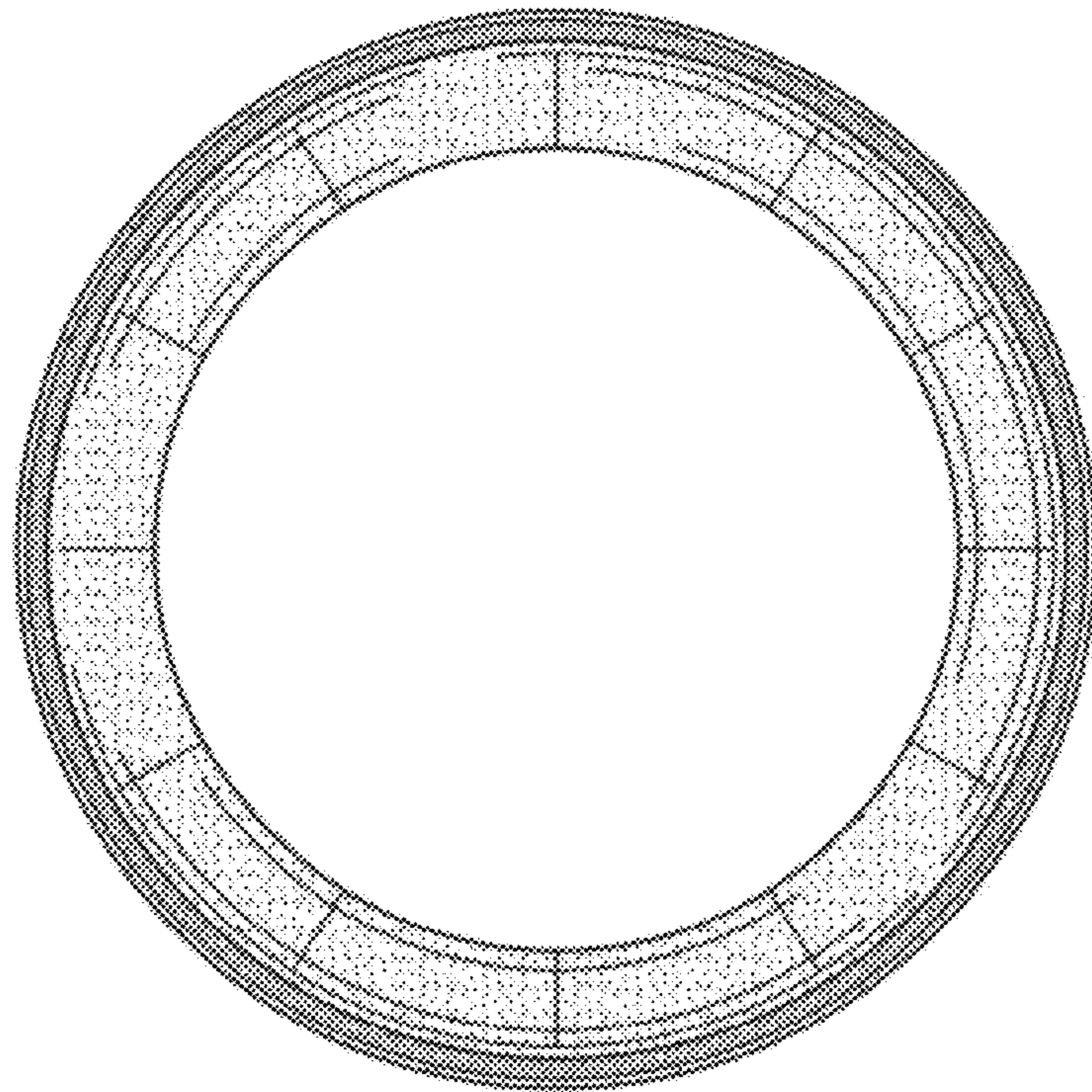


FIG. 3



FIG. 4

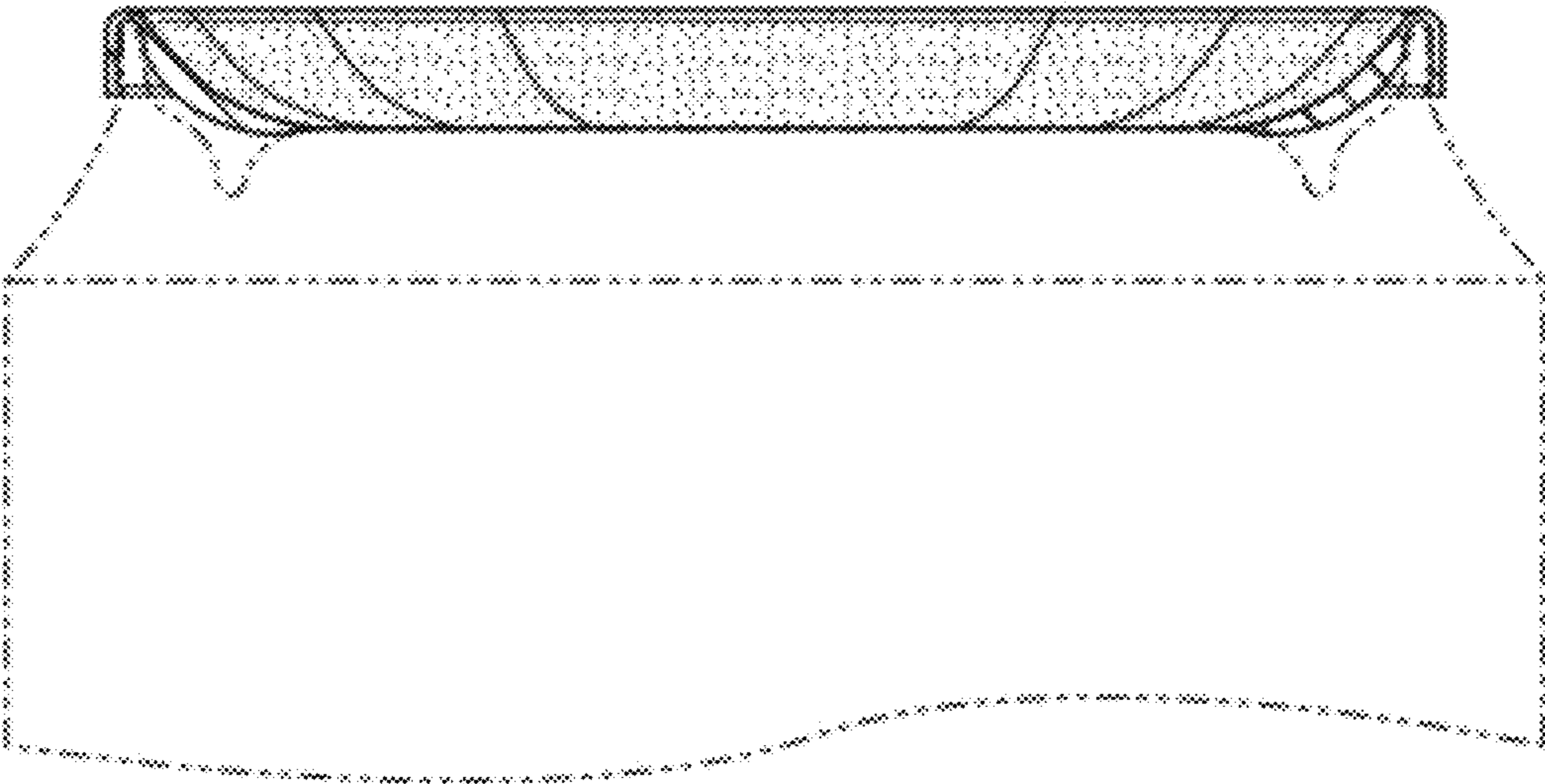


FIG. 5