

US00D978618S

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

(10) **Patent No.:** **US D978,618 S**

(45) **Date of Patent:** **** Feb. 21, 2023**

- (54) **TAPERED CUP**
- (71) Applicant: **BALL CORPORATION**, Westminster, CO (US)
- (72) Inventors: **Jonathan A. Whitmore**, Denver, CO (US); **Adam D. Mitchell**, Denver, CO (US); **Sean K. Fitzsimons**, Firestone, CO (US)
- (73) Assignee: **BALL CORPORATION**, Westminster, CO (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/828,163**
- (22) Filed: **Feb. 24, 2022**

Related U.S. Application Data

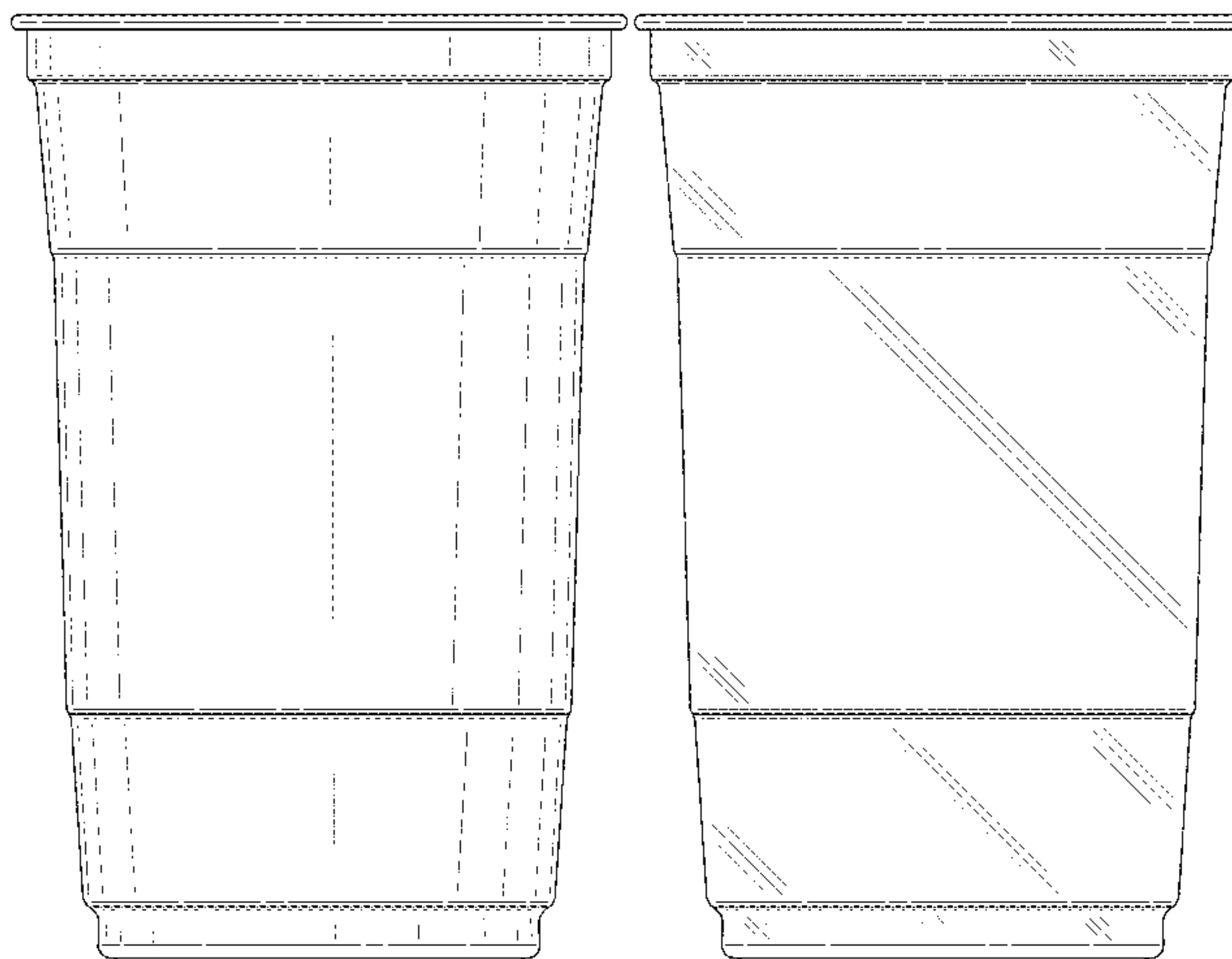
- (62) Division of application No. 29/741,758, filed on Jul. 15, 2020.
- (51) **LOC (14) Cl.** **07-01**
- (52) **U.S. Cl.**
USPC **D7/532; D7/523**
- (58) **Field of Classification Search**
USPC D7/507, 509, 510, 511, 533, 536, 392.1, D7/396.1, 396.2, 608, 900; D30/132, D30/121, 122, 123, 124, 125, 126, 127, D30/128, 129, 130, 131, 133; D9/443, D9/449, 561, 500, 503, 504, 615; D3/202; D29/125, 126
CPC A47G 19/2205; A47G 23/16; A47G 19/2272; A47J 41/00; A47J 41/02; A47J 41/0077; Y10S 220/903; B65D 21/02; B65D 43/00; B65D 41/00
See application file for complete search history.

| | | | |
|--------------|---------|----------------------|--|
| 1,884,903 A | 10/1932 | Squires | |
| 1,942,930 A | 1/1934 | Ludington | |
| 1,967,245 A | 7/1934 | Hothersall | |
| D110,286 S | 6/1938 | Krehbiel | |
| 2,208,431 A | 7/1940 | Rochow | |
| 2,402,068 A | 6/1946 | Meador | |
| D159,599 S | 8/1950 | Chaplin | |
| 2,880,902 A | 4/1959 | Owsen | |
| 2,905,350 A | 9/1959 | Edwards | |
| 2,969,030 A | 1/1961 | Kahn et al. | |
| 3,009,603 A | 11/1961 | Stockdale | |
| 3,079,027 A | 2/1963 | Edwards | |
| 3,091,360 A | 5/1963 | Edwards | |
| 3,128,029 A | 4/1964 | Price et al. | |
| 3,139,213 A | 6/1964 | Edwards | |
| D199,336 S | 10/1964 | Wanderer | |
| 3,157,335 A | 11/1964 | Maier | |
| 3,169,688 A | 2/1965 | Schad | |
| 3,186,850 A | 6/1965 | Anthony | |
| D202,507 S | 10/1965 | Shelby | |
| 3,223,305 A | 12/1965 | Edwards | |
| 3,262,626 A | 7/1966 | Davis | |
| 3,342,370 A | 9/1967 | Johnson | |
| 3,349,950 A | 10/1967 | Wanderer | |
| 3,372,830 A | 3/1968 | Edwards | |
| D210,767 S * | 4/1968 | Anglada D7/532 | |
| 3,375,954 A | 4/1968 | Honkanen et al. | |
| D212,279 S | 9/1968 | Bennett et al. | |
| D212,352 S | 10/1968 | Davis | |
| 3,443,714 A | 5/1969 | Edwards | |
| 3,519,165 A | 7/1970 | Hawley | |
| D219,432 S | 12/1970 | Edwards | |
| 3,811,393 A | 5/1974 | Close | |
| 3,814,040 A | 6/1974 | Habash | |
| 3,831,745 A | 8/1974 | Rump et al. | |
| 3,850,340 A | 11/1974 | Siemonsen et al. | |
| 3,850,361 A | 11/1974 | Day et al. | |
| 3,927,766 A | 12/1975 | Day | |
| 3,934,725 A | 1/1976 | Edwards | |
| 3,949,524 A | 4/1976 | Mickelson | |
| 3,995,572 A | 12/1976 | Saunders | |
| 4,040,537 A | 8/1977 | Edwards | |
| 4,049,122 A | 9/1977 | Maxwell | |
| 4,052,037 A | 10/1977 | Mair et al. | |
| 4,082,184 A | 4/1978 | Hammer | |
| D248,916 S | 8/1978 | Reynolds et al. | |
| 4,111,303 A | 9/1978 | Compton | |
| 4,124,120 A | 11/1978 | Day | |
| 4,134,354 A | 1/1979 | Cvacho et al. | |
| 4,210,141 A | 7/1980 | Brockman et al. | |
| 4,231,476 A | 11/1980 | Compton et al. | |
| 4,263,800 A | 4/1981 | Arfert et al. | |
| D262,680 S * | 1/1982 | Lack D7/523 | |

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | |
|-----------|--------|----------|
| 348,079 A | 8/1886 | Wellman |
| 671,427 A | 4/1901 | Anderson |
| 795,437 A | 7/1905 | Geuder |



US D978,618 S

Page 2

| | | | | | |
|--------------|---------|-------------------|--------------|---------|---------------------|
| 4,366,696 A | 1/1983 | Durgin et al. | D489,260 S | 5/2004 | Smith et al. |
| 4,368,818 A | 1/1983 | Day et al. | D490,655 S | 6/2004 | Zettle et al. |
| 4,373,634 A | 2/1983 | Edwards | D494,816 S | 8/2004 | Wiedmeyer et al. |
| 4,386,514 A | 6/1983 | Herten | D494,817 S | 8/2004 | Rutter et al. |
| 4,420,081 A | 12/1983 | Dart | D496,825 S | 10/2004 | Wiedmeyer et al. |
| D272,794 S | 2/1984 | Dart | D497,774 S | 11/2004 | Smith et al. |
| 4,503,702 A | 3/1985 | Bulso, Jr. et al. | D498,980 S | 11/2004 | Smith et al. |
| D280,076 S | 8/1985 | Haag, Sr. | D499,304 S | 12/2004 | Wiedmeyer et al. |
| D280,078 S | 8/1985 | Fortuna | D499,933 S | 12/2004 | Rutter et al. |
| D283,387 S | 4/1986 | Durand | D499,934 S | 12/2004 | Smith et al. |
| D287,919 S | 1/1987 | Clements | D499,935 S | 12/2004 | Smith et al. |
| D293,293 S | 12/1987 | Isles | D499,936 S | 12/2004 | Wiedmeyer et al. |
| D293,536 S | 1/1988 | Ritman | 6,866,905 B1 | 3/2005 | Sandstrom et al. |
| D297,090 S | 8/1988 | West | D504,593 S | 5/2005 | Smith et al. |
| D298,394 S | 11/1988 | Brewer | D505,830 S | 6/2005 | Smith et al. |
| 4,782,685 A | 11/1988 | Bulso, Jr. et al. | D507,158 S | 7/2005 | Smith et al. |
| 4,832,202 A | 5/1989 | Newman et al. | D507,461 S | 7/2005 | Smith et al. |
| 4,846,350 A | 7/1989 | Sorensen | D508,822 S | 8/2005 | Smith et al. |
| 4,914,937 A | 4/1990 | Bulso, Jr. et al. | D510,679 S | 10/2005 | Smith et al. |
| 5,014,536 A | 5/1991 | Saunders | D511,647 S | 11/2005 | Smith et al. |
| 5,105,645 A | 4/1992 | Kobayashi et al. | D511,932 S | 11/2005 | Smith et al. |
| D339,744 S | 9/1993 | Seppala | D514,380 S | 2/2006 | Smith et al. |
| D345,073 S | 3/1994 | Carlson | D514,385 S | 2/2006 | Smith et al. |
| D345,081 S | 3/1994 | Adami et al. | D514,444 S | 2/2006 | Smith et al. |
| D350,695 S | 9/1994 | Adami et al. | D514,445 S | 2/2006 | Smith et al. |
| D352,239 S | 11/1994 | Adami et al. | D514,884 S | 2/2006 | Smith et al. |
| D353,297 S | 12/1994 | Sokolowski et al. | D514,886 S | 2/2006 | Kingsley |
| D354,227 S | 1/1995 | Adami et al. | D515,866 S | 2/2006 | Wiedmeyer et al. |
| D356,733 S | 3/1995 | Adami et al. | D516,378 S | 3/2006 | Smith et al. |
| 5,427,269 A | 6/1995 | Willbrandt | D519,751 S | 5/2006 | Etter |
| D360,133 S | 7/1995 | Boller | D526,847 S | 8/2006 | Freeman |
| D364,112 S | 11/1995 | Dickinson et al. | D528,863 S | 9/2006 | Hayes et al. |
| 5,487,295 A | 1/1996 | Diekhoff et al. | D530,602 S | 10/2006 | Boller et al. |
| D368,234 S | 3/1996 | Dickinson et al. | 7,117,066 B2 | 10/2006 | Mannlein et al. |
| D373,931 S | 9/1996 | Whitehead | 7,121,991 B2 | 10/2006 | Mannlein et al. |
| 5,555,992 A | 9/1996 | Sedgeley | D531,854 S | 11/2006 | Bresler |
| D375,259 S | 11/1996 | Whitehead | D533,748 S | 12/2006 | Bresler |
| 5,626,048 A | 5/1997 | McClung | D535,561 S | 1/2007 | Smith et al. |
| D379,738 S | 6/1997 | Liming et al. | D535,822 S | 1/2007 | Smith et al. |
| D381,558 S | 7/1997 | Schaefer et al. | D536,249 S | 2/2007 | Smith et al. |
| D382,200 S | 8/1997 | Brondyke et al. | D537,677 S | 3/2007 | Bresler |
| D382,201 S | 8/1997 | Brondyke et al. | D539,094 S | 3/2007 | Wasserman et al. |
| 5,657,897 A | 8/1997 | Schwartzburg | D539,649 S | 4/2007 | Smith et al. |
| D383,947 S | 9/1997 | Schaefer | D539,650 S | 4/2007 | Smith et al. |
| 5,755,354 A | 5/1998 | Lang | D540,167 S | 4/2007 | Smith et al. |
| 5,769,266 A | 6/1998 | Willbrandt | D544,755 S | 6/2007 | Diesman |
| D399,744 S | 10/1998 | Gross | 7,281,649 B2 | 10/2007 | Pyper, Jr. |
| 5,992,632 A | 11/1999 | Karren | D554,498 S | 11/2007 | Lovett |
| D418,371 S | 1/2000 | Whitehead | D554,531 S | 11/2007 | Lovett |
| 6,010,028 A | 1/2000 | Jordan et al. | D563,727 S | 3/2008 | Lovett |
| 6,038,910 A | 3/2000 | McClung | D568,687 S | 5/2008 | Lovett |
| 6,065,603 A | 5/2000 | Filice et al. | D570,159 S | 6/2008 | McGill |
| D436,295 S | 1/2001 | Furman et al. | D571,655 S | 6/2008 | Lovett |
| D436,499 S | 1/2001 | Pritchard et al. | D573,408 S | 7/2008 | Lovett |
| D440,155 S | 4/2001 | Schaefer | D573,409 S | 7/2008 | Lovett |
| D441,252 S | 5/2001 | Gitschlag | D575,990 S | 9/2008 | Altiner et al. |
| 6,233,999 B1 | 5/2001 | Yabutani et al. | D577,995 S | 10/2008 | Lovett |
| D443,796 S | 6/2001 | Lin | D578,387 S | 10/2008 | Lovett |
| D446,687 S | 8/2001 | Furman et al. | D578,877 S | 10/2008 | Lovett |
| D449,986 S | 11/2001 | Schaefer | D589,300 S | 3/2009 | Altiner et al. |
| 6,382,449 B1 | 5/2002 | Kazmierski et al. | D589,301 S | 3/2009 | Altiner et al. |
| D458,807 S | 6/2002 | Trazzi | 7,546,932 B2 | 6/2009 | Smith et al. |
| 6,442,991 B1 | 9/2002 | Rojek | D596,499 S | 7/2009 | Willis et al. |
| 6,463,776 B1 | 10/2002 | Enoki et al. | D596,903 S | 7/2009 | Willis et al. |
| 6,497,338 B1 | 12/2002 | Stolzman | D607,692 S | 1/2010 | Skala |
| D469,691 S | 2/2003 | Brondyke et al. | D608,591 S | 1/2010 | Hillebrenner et al. |
| D473,134 S | 4/2003 | Nuzzo | D609,513 S | 2/2010 | Koennecke et al. |
| 6,554,154 B1 | 4/2003 | Chauhan et al. | D609,531 S | 2/2010 | Koennecke |
| D475,243 S | 6/2003 | Trazzi | D609,532 S | 2/2010 | Koennecke |
| D476,566 S | 7/2003 | Smith et al. | D609,976 S | 2/2010 | Koennecke |
| D476,891 S | 7/2003 | Clarke et al. | 7,661,286 B2 | 2/2010 | Warmbrunn |
| D477,223 S | 7/2003 | Smith et al. | D611,384 S | 3/2010 | Biegel |
| D478,006 S | 8/2003 | Smith et al. | D612,201 S | 3/2010 | Hillebrenner |
| D483,225 S | 12/2003 | Gain | D612,202 S | 3/2010 | Hillebrenner |
| D485,758 S | 1/2004 | Clarke et al. | D613,554 S | 4/2010 | Koennecke |
| D486,994 S | 2/2004 | Smith et al. | D615,356 S | 5/2010 | Hillebrenner |
| D487,214 S | 3/2004 | Rutter et al. | D620,790 S | 8/2010 | Lovett |
| D487,669 S | 3/2004 | Smith et al. | D622,105 S | 8/2010 | Koennecke et al. |
| D489,254 S | 5/2004 | Kocis et al. | D624,788 S | 10/2010 | Koennecke |

US D978,618 S

| | | | | | | | |
|----------------|---------|---------------------|-------------------------|-------------------|---------|---------------------|------------------------|
| D626,863 S | 11/2010 | Lovett | | 9,340,345 B2 | 5/2016 | Leser et al. | |
| D627,596 S | 11/2010 | Hillebrenner et al. | | D764,231 S | 8/2016 | Szymanski | |
| D628,436 S | 12/2010 | Koennecke et al. | | 9,440,410 B2 | 9/2016 | Marshall | |
| D628,437 S | 12/2010 | Koennecke et al. | | D769,069 S | 10/2016 | Sanbar | |
| D631,513 S | 1/2011 | Weinert | | 9,468,971 B2 | 10/2016 | Yamagata et al. | |
| D635,855 S | 4/2011 | Smith et al. | | D772,079 S | 11/2016 | Ramsey et al. | |
| D636,229 S | 4/2011 | Koennecke | | D772,080 S | 11/2016 | Ramsey | |
| D636,230 S | 4/2011 | Koennecke | | D772,713 S | 11/2016 | Chapman et al. | |
| D639,606 S | 6/2011 | Koennecke | | D772,726 S | 11/2016 | Ramsey | |
| D641,590 S | 7/2011 | Koennecke | | 9,499,327 B2 | 11/2016 | D'Amato | |
| D649,396 S | 11/2011 | Wilkins et al. | | D779,974 S | 2/2017 | Florkeiwicz et al. | |
| D650,634 S | 12/2011 | Hodge et al. | | D779,975 S | 2/2017 | Arranz et al. | |
| D651,046 S * | 12/2011 | Myers | D7/523 | D780,601 S | 3/2017 | Arranz et al. | |
| D651,452 S | 1/2012 | Hillebrenner et al. | | 9,617,043 B2 | 4/2017 | McGirr et al. | |
| D655,573 S | 3/2012 | O'Connor | | D786,703 S | 5/2017 | Chapman et al. | |
| D655,574 S | 3/2012 | O'Connor | | D789,745 S | 6/2017 | Rashid et al. | |
| D658,443 S | 5/2012 | Chiu et al. | | D790,277 S * | 6/2017 | Mackesy, II | D7/532 |
| D664,003 S | 7/2012 | Nagoya | | 9,700,929 B2 | 7/2017 | Fedusa et al. | |
| D664,844 S | 8/2012 | Hale | | 9,713,906 B2 | 7/2017 | Chapman et al. | |
| D667,271 S | 9/2012 | Fishman | | D795,650 S | 8/2017 | Weitman | |
| D667,272 S | 9/2012 | Fishman | | D796,905 S | 9/2017 | Kestenbaum | |
| D674,663 S | 1/2013 | Cahen | | D797,510 S | 9/2017 | Ke | |
| 8,360,263 B2 | 1/2013 | D'Amato | | D797,512 S | 9/2017 | O'Connor | |
| D675,482 S | 2/2013 | Heggstad et al. | | 9,758,292 B2 | 9/2017 | Leser et al. | |
| 8,387,816 B2 | 3/2013 | Fallas | | 9,758,293 B2 | 9/2017 | Leser et al. | |
| D679,947 S | 4/2013 | Romley | | 9,771,206 B2 | 9/2017 | Marshall | |
| D680,376 S | 4/2013 | Romley | | D799,268 S | 10/2017 | Gschwandtl et al. | |
| D680,377 S * | 4/2013 | Romley | D7/532 | 9,783,359 B2 | 10/2017 | D'Amato | |
| D680,378 S | 4/2013 | Romley | | 9,789,992 B2 | 10/2017 | Fortner | |
| D684,051 S | 6/2013 | Winstanley et al. | | D808,271 S | 1/2018 | Weyer et al. | |
| D684,869 S | 6/2013 | Pellaud et al. | | 9,868,564 B2 | 1/2018 | McGirr et al. | |
| D688,522 S | 8/2013 | Pablo | | 9,895,737 B2 | 2/2018 | Caunter et al. | |
| D688,553 S | 8/2013 | Winstanley et al. | | 9,902,552 B2 | 2/2018 | Bilko | |
| D689,377 S | 9/2013 | Maxwell-Wood | | D813,606 S | 3/2018 | O'Nan et al. | |
| 8,556,099 B2 | 10/2013 | Perlman | | 9,932,152 B2 | 4/2018 | Combe | |
| D696,582 S | 12/2013 | Ramsey et al. | | 10,099,840 B2 | 10/2018 | Frost et al. | |
| D696,583 S | 12/2013 | Ramsey et al. | | D833,224 S | 11/2018 | Wahlkvist | |
| D696,593 S | 12/2013 | Farrow et al. | | 10,239,648 B2 | 3/2019 | Lord et al. | |
| 8,616,418 B2 | 12/2013 | Painchaud et al. | | D849,596 S | 5/2019 | Crosby | |
| D696,940 S | 1/2014 | Hale et al. | | 10,286,437 B2 | 5/2019 | Golding | |
| D699,595 S | 2/2014 | Farrow et al. | | 10,478,000 B2 | 11/2019 | Choi et al. | |
| D704,592 S | 5/2014 | Hung et al. | | 10,479,544 B2 | 11/2019 | Crosby et al. | |
| 8,727,151 B2 | 5/2014 | Valles et al. | | D871,151 S | 12/2019 | Hudson | |
| D707,568 S | 6/2014 | Stephens et al. | | D903,424 S | 12/2020 | Scott | |
| 8,746,488 B2 | 6/2014 | Caunter et al. | | D906,056 S * | 12/2020 | Scott | D7/532 |
| D711,228 S | 8/2014 | Gailly | | 10,875,076 B2 | 12/2020 | Scott | |
| D711,246 S | 8/2014 | Hanson et al. | | D910,376 S | 2/2021 | Lovelace | |
| D712,753 S | 9/2014 | Stephens et al. | | D939,896 S | 1/2022 | Brownsberger et al. | |
| D713,268 S | 9/2014 | Jones et al. | | D950,318 S * | 5/2022 | Scott | D7/523 |
| D715,162 S | 10/2014 | Farrow et al. | | 2004/0031714 A1 | 2/2004 | Hanson | |
| D717,605 S * | 11/2014 | Kristinik | D7/532 | 2005/0006395 A1 | 1/2005 | Reed et al. | |
| D717,606 S | 11/2014 | Kristinik | | 2005/0061821 A1 | 3/2005 | Bone et al. | |
| 8,899,435 B1 * | 12/2014 | Reder | A47G 19/2205 220/630 | 2005/0189361 A1 | 9/2005 | Bresler | |
| 8,920,892 B2 | 12/2014 | Hernandez | | 2005/0230401 A1 | 10/2005 | Hanson | |
| D721,887 S | 2/2015 | Romley | | 2006/0277957 A1 | 12/2006 | Fujishige et al. | |
| D722,823 S | 2/2015 | Del Mar Menendez | | 2007/0029320 A1 | 2/2007 | Bouie et al. | |
| 8,973,777 B2 | 3/2015 | Ramsey et al. | | 2007/0295051 A1 | 12/2007 | Myers et al. | |
| D729,114 S * | 5/2015 | Romley | D11/121 | 2008/0128481 A1 | 6/2008 | Robertson | |
| D732,343 S * | 6/2015 | Romley | D7/532 | 2008/0257895 A1 * | 10/2008 | Broselow | A47G 19/065 220/574 |
| D732,402 S | 6/2015 | Jones et al. | | 2009/0026214 A1 | 1/2009 | Yuan et al. | |
| 9,044,082 B2 | 6/2015 | Kusuma et al. | | 2010/0247830 A1 | 9/2010 | Hernandez | |
| D739,731 S | 9/2015 | Jones | | 2011/0248040 A1 | 10/2011 | McGregor | |
| D739,732 S | 9/2015 | Jones | | 2011/0303659 A1 | 12/2011 | Perlman | |
| 9,156,583 B2 | 10/2015 | Howard et al. | | 2012/0181205 A1 | 7/2012 | Alvares et al. | |
| D744,833 S | 12/2015 | Cotton | | 2012/0282482 A1 | 11/2012 | Flehmig et al. | |
| D744,861 S | 12/2015 | Fortner | | 2014/0048440 A1 | 2/2014 | Prickett, Jr. | |
| D745,396 S | 12/2015 | Jahina et al. | | 2014/0166655 A1 | 6/2014 | Combe | |
| D745,397 S | 12/2015 | Gogola et al. | | 2014/0308407 A1 | 10/2014 | Ramsey et al. | |
| D745,398 S | 12/2015 | Cotton | | 2014/0374428 A1 | 12/2014 | Watson et al. | |
| D745,399 S | 12/2015 | Cotton | | 2015/0041480 A1 | 2/2015 | Ramsey | |
| D747,925 S | 1/2016 | Engler et al. | | 2015/0122817 A1 | 5/2015 | Maxwell-Wood | |
| D749,838 S | 2/2016 | Romley | | 2015/0208839 A1 | 7/2015 | Shalmoni | |
| 9,254,514 B2 | 2/2016 | Farnham | | 2015/0216341 A1 * | 8/2015 | Shimono | B65D 85/72 220/253 |
| D751,922 S | 3/2016 | Ramsey et al. | | | | | |
| 9,321,555 B2 | 4/2016 | Roodnat et al. | | 2015/0257559 A1 | 9/2015 | Shalmoni | |
| D756,705 S | 5/2016 | Abrams et al. | | 2015/0289691 A1 | 10/2015 | Azuma et al. | |
| D756,709 S | 5/2016 | Weitman | | 2015/0343516 A1 | 12/2015 | Schremmer et al. | |
| 9,327,899 B2 | 5/2016 | Greenfield et al. | | 2015/0344166 A1 | 12/2015 | Davis et al. | |

US D978,618 S

| | | | | | | |
|--------------|-----|---------|------------------------|----|-------------------|----------|
| 2016/0031594 | A1 | 2/2016 | Ramsey et al. | CN | 305359992 | 9/2019 |
| 2016/0075503 | A1 | 3/2016 | Ramsey et al. | CN | 305424984 | 11/2019 |
| 2016/0340104 | A1 | 11/2016 | Rodriguez | CN | 305534416 | * 1/2020 |
| 2016/0368650 | A1 | 12/2016 | Davis et al. | CN | 305740110 | * 4/2020 |
| 2017/0050800 | A1 | 2/2017 | Gain | CN | 306259887 | 1/2021 |
| 2017/0095852 | A1 | 4/2017 | Carstens et al. | CN | 306259888 | 1/2021 |
| 2017/0251852 | A1 | 9/2017 | O’Nan et al. | DE | 28227722 | 12/1978 |
| 2017/0267415 | A1 | 9/2017 | Olson et al. | DE | 2312116 | 2/1982 |
| 2017/0305647 | A1 | 10/2017 | Golding | DE | 2639154 | 4/1985 |
| 2018/0044074 | A1 | 2/2018 | Combe et al. | DE | 2554907 | 8/1987 |
| 2018/0057247 | A1 | 3/2018 | Marshall | DE | 3418849 | 8/1992 |
| 2018/0127195 | A1 | 5/2018 | Ramsey | DE | 29920952 | 3/2000 |
| 2018/0134460 | A1 | 5/2018 | Ramsey | DE | 402012003271-0001 | 1/2013 |
| 2018/0140118 | A1 | 5/2018 | Ma | DE | 10-2006-053325 | 2/2016 |
| 2018/0141799 | A1 | 5/2018 | Song | EM | 007094115-0001 | 11/2019 |
| 2018/0194517 | A1 | 7/2018 | Brooks | EM | 006633202-0002 | 1/2020 |
| 2018/0221936 | A1* | 8/2018 | Scott B65D 1/265 | EM | 008262406-0001 | 11/2020 |
| 2018/0228314 | A1 | 8/2018 | Putnam | EM | 008262406-0002 | 11/2020 |
| 2019/0112100 | A1* | 4/2019 | Scott B21D 51/26 | EP | 0090639 | 10/1983 |
| 2019/0216245 | A1 | 7/2019 | Choi et al. | EP | 0076807 | 12/1985 |
| 2020/0108433 | A1 | 4/2020 | Scott | EP | 0460739 | 12/1991 |

FOREIGN PATENT DOCUMENTS

| | | | | | | |
|----|----------------|---------|--|----|------------------|-----------|
| AU | Des. 201817018 | 1/2019 | | EP | 1876107 | 1/2008 |
| AU | Des. 201817017 | 3/2019 | | EP | 1876106 | 10/2008 |
| AU | Des. 201911146 | 4/2019 | | EP | 2623429 | 8/2013 |
| BR | 7401492 | 8/1996 | | EP | 2662295 | 11/2013 |
| BR | 20-2017-016121 | 1/2020 | | EP | 2662296 | 11/2013 |
| CA | 25919 | 10/1963 | | EP | 2768741 | 8/2014 |
| CA | 872628 | 6/1971 | | EP | 2958812 | 1/2017 |
| CA | 143472 | 6/2012 | | FR | 1283044 | 1/1962 |
| CA | 143473 | 6/2012 | | FR | 1376764 | 10/1964 |
| CA | 143474 | 6/2012 | | FR | 1490636 | 8/1967 |
| CA | 145174 | 3/2013 | | FR | 2177714 | 11/1973 |
| CA | 145175 | 3/2013 | | FR | 2229243 | 12/1974 |
| CA | 145176 | 3/2013 | | FR | 2758703 | 7/1998 |
| CA | 148031 | 11/2013 | | FR | 2926797 | 12/2012 |
| CA | 148032 | 11/2013 | | FR | 2988377 | 9/2013 |
| CA | 150408 | 1/2014 | | FR | 2993868 | 1/2014 |
| CA | 150409 | 1/2014 | | GB | 558436 | 1/1944 |
| CA | 152297 | 5/2014 | | GB | 976178 | 11/1964 |
| CA | 152298 | 5/2014 | | GB | 1096451 | 12/1967 |
| CA | 171072 | 7/2017 | | GB | 1261531 | 1/1972 |
| CA | 174457 | 7/2017 | | GB | 1261816 | 1/1972 |
| CA | 184556 | 7/2020 | | GB | 1376603 | 12/1974 |
| CN | 3209888 | 11/2001 | | GB | 1458505 | 12/1976 |
| CN | 2475320 | 2/2002 | | GB | 2077177 | 12/1981 |
| CN | 3288173 | 4/2003 | | GB | 1007349 | 3/1983 |
| CN | 2617692 | 5/2004 | | GB | 2484149 | 4/2012 |
| CN | 2751691 | 1/2006 | | GB | 201715105 | 9/2017 |
| CN | 2930414 | 8/2007 | | GB | 6109969 | * 12/2020 |
| CN | 101704423 | 5/2010 | | GB | 6161121 | 9/2021 |
| CN | 201551057 | 8/2010 | | HK | 1254165 | 7/2019 |
| CN | 201602531 | 10/2010 | | ID | A10201400234-000 | * 2/2014 |
| CN | 301677030 | 9/2011 | | JP | S58-005934 | 1/1983 |
| CN | 301740222 | 11/2011 | | JP | S63-040327 | 3/1988 |
| CN | 302008477 | 7/2012 | | JP | S63-183738 | 7/1988 |
| CN | 302041222 | 8/2012 | | JP | H01-150418 | 6/1989 |
| CN | 302120632 | 10/2012 | | JP | H07-052937 | 2/1995 |
| CN | 202681458 | 1/2013 | | JP | 2610958 | 5/1997 |
| CN | 202722936 | 2/2013 | | JP | 2869683 | 3/1999 |
| CN | 302371122 | 3/2013 | | JP | 3614244 | 1/2005 |
| CN | 302412019 | 4/2013 | | JP | 2006-224108 | 8/2006 |
| CN | 202950502 | 5/2013 | | JP | 2006-224113 | 8/2006 |
| CN | 302452379 | 6/2013 | | JP | 4263000 | 5/2009 |
| CN | 302639399 | 11/2013 | | JP | 04273735 | 6/2009 |
| CN | 303099799 | 2/2015 | | JP | 04334861 | 9/2009 |
| CN | 104907451 | 9/2015 | | JP | 2009-541066 | 11/2009 |
| CN | 205144216 | 4/2016 | | JP | 2012-161844 | 8/2012 |
| CN | 303944150 | 11/2016 | | JP | 5120807 | 1/2013 |
| CN | 206466360 | 9/2017 | | JP | 5262872 | 8/2013 |
| CN | 304486417 | 2/2018 | | JP | 2015-506842 | 3/2015 |
| CN | 304650294 | 5/2018 | | JP | D1522063 | 4/2015 |
| CN | 207956318 | 10/2018 | | JP | 5985655 | 9/2016 |
| CN | 209003460 | 6/2019 | | KR | 300526059.0000 | 4/2009 |
| CN | 209152977 | 7/2019 | | KR | 1228537 | 3/2013 |
| CN | 209252321 | 8/2019 | | KR | 301016369.0000 | 7/2019 |
| CN | 209421623 | 9/2019 | | KR | 301007340.0000 | 9/2019 |

| | | |
|----|----------------|---------|
| KR | 301069996.0000 | 8/2020 |
| MX | 199600207 | 11/1998 |
| RU | 114828 | 4/2012 |
| RU | 00087794 | 2/2014 |
| RU | 2016146995 | 7/2018 |
| TW | 201116456 | 5/2011 |
| TW | 201117754 | 6/2011 |
| WO | WO 82/03576 | 10/1982 |
| WO | WO 96/00169 | 1/1996 |
| WO | WO 99/59896 | 11/1999 |
| WO | WO 2005/085074 | 9/2005 |
| WO | WO 2009/090224 | 7/2009 |
| WO | WO 2009/115377 | 9/2009 |
| WO | WO 2009/130043 | 10/2009 |
| WO | WO D072393-001 | 3/2010 |
| WO | WO 2010/128161 | 11/2010 |
| WO | WO 2011/004013 | 1/2011 |
| WO | WO 2011/023644 | 3/2011 |
| WO | WO 2011/053776 | 5/2011 |
| WO | WO 2012/056018 | 5/2012 |
| WO | WO 2012/136677 | 10/2012 |
| WO | WO 2013/002363 | 1/2013 |
| WO | WO 2013/010875 | 1/2013 |
| WO | WO 2013/068292 | 5/2013 |
| WO | WO 2013/096636 | 6/2013 |
| WO | WO 2013/124418 | 8/2013 |
| WO | WO 2013/164482 | 11/2013 |
| WO | WO 2013/190264 | 12/2013 |
| WO | WO 2014/027180 | 2/2014 |
| WO | WO 2015/177167 | 11/2015 |
| WO | WO 2015/181792 | 12/2015 |
| WO | WO 2016/166112 | 10/2016 |
| WO | WO 2016/192397 | 12/2016 |
| WO | WO 2018/052973 | 3/2018 |
| WO | WO 2018/109110 | 6/2018 |
| WO | WO 2018/147916 | 8/2018 |
| WO | WO 2021/192671 | 9/2021 |
| WO | WO 2022/064837 | 3/2022 |

OTHER PUBLICATIONS

Ball [online] URL: <https://www.facebook.com/BallCorpHQ/photos/a.90834519678/10157711493134679> (site visited: May 18, 2022) (Year: 2019).*

Skyline [online] URL: <https://www.target.com/p/blue-disposable-plastic-cups-72ct-up-38-up-8482/-/A-52013769#lnk=sametab> (site visited: May 18, 2022) (Year: 2019).*

U.S. Appl. No. 29/648,903, filed May 24, 2018, Scott et al.

U.S. Appl. No. 29/695,988, filed Jun. 24, 2019, Whitmore et al.

U.S. Appl. No. 29/724,469, filed Feb. 14, 2020, Scott.

U.S. Appl. No. 29/741,758, filed Jul. 15, 2020, Whitmore et al.

U.S. Appl. No. 29/764,090, filed Dec. 28, 2020, Scott.

U.S. Appl. No. 29/771,364, filed Feb. 22, 2021, Fitzsimons.

U.S. Appl. No. 17/514,496, filed Oct. 29, 2021, Whitmore et al.

U.S. Appl. No. 29/818,397, filed Dec. 8, 2021, Whitmore et al.

“[25 PACK] 16 oz Cups | Iced Coffee Go Cups and Sip Through Lids | Cold Smoothie | Plastic Cups with Sip Through Lids | Clear Plastic Disposable Pet Cups | Ideal for Parfait, Juice, Soda, Party Cups,” Amazon, 2021, retrieved from <https://www.amazon.com/Through-Smoothie-Plastic-Disposable-Parfait/dp/B08W2424DM/>, 6 pages.

“Red Cup living 18 oz Cup, Reusable Plastic Cups | Extra Sturdy Big Red Plastic Tumbler, BPA Free Drinking Cup | Red Cup Style Plastic Cups Dishwasher Safe | The Large Drinking Glasses for BBQ—Set of 1,” Amazon.com, 2012, retrieved from <https://www.amazon.com/Red-Cup-Living-Reusable-Beverage/dp/B008FDEQ9U>, 9 pages.

“Ball Aluminum Cup Review,” Uploaded to YouTube by IPSCanmaking, Feb. 2020, retrieved from https://www.youtube.com/watch?v=z_9kWDjvi-Y, 1 page.

“Ball Debuts First-Ever Aluminum Cup as Consumer Demand for Sustainable Packaging Grows,” PR Newswire, Aug. 27, 2019, retrieved from <https://www.prnewswire.com/news-releases/ball-debuts-first-ever-aluminum-cup-as-consumer-demand-for-sustainable-packaging-grows-300907200.html>, 4 pages.

“CFC Party Cups,” Performa CFC Ideas, Aug. 29, 2014, retrieved from <https://proformacfcideas.com/2014/08/29/cfc-party-cups/>, 1 page.

“Coors Light Mar. 2019 Hoops Aluminum 22 Ounce Cups—New!,” eBay, 2019, retrieved from <https://www.ebay.com/itm/255030542590?>, 3 pages.

“Dart—Paper & Plastic Cups, Plates, Bowls & Utensils; Breakroom Accessory Type: Plastic Cold Cups ; Breakroom Accessory Description: Cups-Cold Drink; Plastic ; Color: White,” MSC Direct, 2021, retrieved from <https://www.mscdirect.com/product/details/17128406>, 1 page.

“King of Beer Pong Stainless Steel Beer Pong Cups,” Tailgating Ideas, © 2017, 8 pages [retrieved online from: www.tailgatingideas.com/king-of-beer-pong-stainless-steel-beer-pong-cups/].

“One More Time!,” Pirani Life on Facebook, Jun. 13, 2019, retrieved from <https://www.facebook.com/piranilife/photos/a.181707952414777/38934209025483>, 1 page.

“Plastic Cups stock photo,” iStock, Nov. 18, 2017, retrieved from <https://www.istockphoto.com/photo/plastic-cups-gm876022646-244531648>, 2 pages.

“Solo 20 Red Cups Original 16oz-50cl” My American Market, Feb. 22, 2017, 1 page.

“Solo Cup 16 oz. Plastic Cold Party Cups,” Amazon, 2016, retrieved from <https://www.amazon.com/Solo-Cold-Plastic-Party-Ounce/dp/B01G2E0FXU>, 7 pages.

“The new #BallAluminumCup recycles infinitely without losing quality.” Ball Aluminum Cup on Facebook, Oct. 22, 2019, retrieved from <https://www.facebook.com/BallAluminumCup/photos/141931017202686>, 1 page.

“Those who signed up for #PanthersPalooza will also be receiving these reusable and commemorative red solo cups!,” Florida Panthers on Twitter, Jan. 12, 2018, retrieved from <https://twitter.com/flapanthers/status/951920540666814465>, 1 page.

Bouchard, “The Evolution of the Red Cup,” Food by Skyler, Mar. 13, 2013, retrieved from <https://foodbyskyler.wordpress.com/2013/03/13/the-evolution-of-the-red-cup/>, 4 pages.

Choness, “Red Beer Pong plastic cups with ball isolated on white background,” iStock, Jun. 15, 2019, retrieved from <https://www.istockphoto.com/photo/red-beer-pong-plastic-cups-with-ball-isolated-on-white-background-traditional-gm115721554-314746084>, 2 pages.

Eagle, “Ball to pilot disposable aluminum cups as an alternative to plastic,” Beverage Daily, Aug. 29, 2019, retrieved from <https://www.beveragedaily.com/Article/2019/08/29/Ball-to-pilot-disposable-aluminum-cups-as-an-alternative-to-plastic#>, 1 page.

Kremer, “10 photos: Colorful kitchen styles,” Des Moines Register, Jul. 25, 2013, retrieved from <https://www.desmoinesregister.com/picture-gallery/life/style/2014/07/25/10-photos-colorful-kitchen-styles/13171713/>, 2 pages.

Rense, “Ball Is Making Aluminum Beer Pong Cups That Are ‘Infinitely Recyclable’,” Esquire Magazine, Aug. 29, 2019, retrieved from <https://www.esquire.com/food-drink/drinks/a28842420/ball-aluminum-cups-sustainability-beer-pong/>, 2 pages.

Stirrup, Azure Tools and Technologies Cheat Sheet, Jenstirrup.com, Aug. 31, 2017, retrieved from <https://jenstirrup.com/2017/08/>, 1 page.

International Search Report and Written Opinion for International (PCT) Patent Application No. PCT/US2017/062582, dated Feb. 1, 2018 10 pages.

International Preliminary Report on Patentability for International (PCT) Patent Application No. PCT/US2017/062582, dated Aug. 22, 2019, 9 pages.

Official Action for Australian Patent Application No. 2017398102, dated May 4, 2020, 4 pages.

Notice of Allowance for Australian Patent Application No. 2017398102, dated Oct. 13, 2020, 4 pages.

Official Action for Australia Patent Application No. 2021200442, dated Jan. 28, 2022, 3 pages.

Official Action (with English translation) for Brazil Patent Application No. BR112019016221-6, dated Jul. 27, 2021, 5 pages.

Official Action for Canadian Patent Application No. 3052955, dated Dec. 9, 2020, 8 pages.

Official Action for Canadian Patent Application No. 3052955, dated Jun. 7, 2021, 8 pages.

- Official Action for Canadian Patent Application No. 3052955, dated Feb. 11, 2022, 1 page.
- Official Action (with English translation) for Chinese Patent Application No. 201780088249.4, dated Jul. 3, 2020, 24 pages.
- Official Action (with English translation) for Chinese Patent Application No. 201780088249.4, dated Feb. 22, 2021, 27 pages.
- Official Action (with English translation) for Chinese Patent Application No. 201780088249.4, dated Aug. 23, 2021, 20 pages.
- Official Action (with English translation) for Chinese Patent Application No. 201780088249.4, dated Nov. 30, 2021, 19 pages.
- Extended European Search Report for European Patent Application No. 17896272.6, dated Nov. 19, 2020, 8 pages.
- Official Action (with English translation) for India Patent Application No. 201917033122, dated Jan. 14, 2021, 5 pages.
- Third Party Observation (no English translation available) for Japanese Patent Application No. 2019-542624, dated Jun. 10, 2020, 1 page.
- Third Party Observation (no English translation available) for Japanese Patent Application No. 2019-542624, dated Jul. 10, 2020, 1 page.
- Official Action (with English translation) for Japanese Patent Application No. 2019-542624, dated Sep. 15, 2020, 7 pages.
- Third Party Observation (no English translation available) for Japanese Patent Application No. 2019-542624, dated Dec. 28, 2020, 1 page.
- Official Action (with English translation) for Japanese Patent Application No. 2019-542624, dated Jan. 12, 2021, 7 pages.
- Third Party Observation (no English translation available) for Japanese Patent Application No. 2019-542624, dated Jan. 29, 2021, 1 page.
- Notice of Allowance (no English translation available) for Japan Patent Application No. 2019-542624, dated Jul. 20, 2021, 3 pages.
- Official Action (no English translation available) for Peru Patent Application No. 1550-2019, dated Dec. 10, 2012, 5 pages.
- Official Action (no English translation available) for Russian Patent Application No. 2019128003, dated Feb. 17, 2020, 6 pages.
- Decision to Grant (no English translation available) for Russian Patent Application No. 2019128003, dated May 27, 2020, 8 pages.
- International Search Report and Written Opinion for International (PCT) Patent Application No. PCT/US2019/064905, dated Feb. 25, 2020, 11 pages.
- International Preliminary Report on Patentability for International (PCT) Application No. PCT/US2019/064905, dated Jun. 24, 2021, 7 pages.
- Official Action for Australia Patent Application No. 2019396327, dated Feb. 9, 2022, 4 pages.
- Official Action for India Patent Application No. 202117023324, dated Feb. 10, 2022, 4 pages.
- Official Action for Canadian Patent Application No. 184558, dated Oct. 22, 2019, 2 pages.
- Official Action for Canadian Patent Application No. 184558, dated Jan. 31, 2020, 1 page.
- Official Action for Canadian Patent Application No. 184556, dated Feb. 17, 2020, 4 pages.
- Notice of Allowance for Chinese Patent Application No. 201830676015.9, dated Nov. 4, 2019, 5 pages.
- Notice of Allowance for Mexican Patent Application No. MX/f/2018/003496, dated Feb. 18, 2020, 3 pages.
- Official Action for Mexican Patent Application No. MX/f/2020/001191, dated Jun. 24, 2021, 10 pages.
- Notice of Allowance for Mexican Patent Application No. MX/f/2020/001191, dated Nov. 3, 2021, 3 pages.
- Official Action for Russian Patent Application No. 2019500757, dated Aug. 9, 2019, 12 pages.
- Official Action for Canadian Patent Application No. 187858, dated Jul. 7, 2020, 2 pages.
- Official Action (no English translation available) for Chinese Patent Application No. 201930288129.0, dated Oct. 18, 2019, 2 pages.
- Notice of Allowance (with English translation) for Chinese Patent Application No. 201930288129.0, dated Jan. 17, 2020, 5 pages.
- Official Action (no English translation available) for Mexican Patent Application No. MX/f/2019/001329, dated Oct. 2, 2020, 5 pages.
- Official Action (no English translation available) for Russian Patent Application No. 2019502325, dated Dec. 5, 2019, 3 pages.
- Official Action (no English translation available) for Russian Patent Application No. 2019502325, dated Apr. 13, 2020, 4 pages.
- Official Action (no English translation available) for Russian Patent Application No. 2019502327, dated Dec. 5, 2019, 3 pages.
- Official Action for Australian Patent Application No. 201917418, dated Feb. 6, 2020, 3 pages.
- Official Action for Canadian Patent Application No. 192020, dated Oct. 20, 2020, 3 pages.
- Official Action (no English translation available) for Chinese Patent Application 201930722022.2, dated Apr. 20, 2020, 1 page.
- Official Action (with English translation) for Chinese Patent Application 201930722022.2, dated Oct. 28, 2020, 5 pages.
- Official Action (no English translation available) for Chinese Patent Application No. 202030799106.9, dated Jan. 11, 2021, 1 page.
- Notice of Allowance (with English translation) for Chinese Patent Application No. 202030799106.9, dated Mar. 26, 2021, 5 pages.
- Official Action (no English translation available) for Chinese Patent Application No. 202030800806.5, dated Jan. 11, 2021, 1 page.
- Notice of Allowance (with English translation) for Chinese Patent Application No. 202030800806.5, dated Apr. 2, 2021, 5 pages.
- Notice of Allowance for Mexico Patent Application No. MX/f/2019/003721, dated Nov. 10, 2021, 3 pages.
- Official Action (no English translation available) for Russian Patent Application No. 2019505890, dated Jan. 17, 2020, 2 pages.
- Notice of Allowance (no English translation available) for Russian Patent Application No. 2019505890, dated Sep. 16, 2020.
- Notice of Allowance (no English translation available) for Russian Patent Application No. 2020501691, dated Sep. 16, 2020, 28 pages.
- Notice of Allowance (no English translation available) for Russian Patent Application No. 2020501693, dated Sep. 16, 2020, 28 pages.
- Notice of Allowance (no English translation available) for Russian Patent Application No. 2020501694, dated Sep. 16, 2020, 28 pages.
- Official Action for Australian Patent Application No. 202014455, dated Oct. 26, 2020, 4 pages.
- Official Action for Canadian Patent Application No. 197658, dated Mar. 26, 2021, 2 pages.
- Notice of Allowance for Mexico Patent Application No. MX/f/2020/001924, dated Feb. 3, 2021, 2 pages.
- Official Action (no English translation available) for Russian Patent Application No. 2020503627, dated Sep. 10, 2020, 2 pages.
- Notice of Allowance (no English translation available; see drawings) for Russian Patent Application No. 2020503627, dated Apr. 5, 2021, 9 pages.
- Official Action (no English translation available) for Thailand Patent Application No. 2002003694, dated Feb. 10, 2021, 2 pages.
- Official Action for Australia Patent Application No. 202111837, dated May 18, 2021, 3 pages.
- Official Action (with English translation) for Japan Patent Application No. 2021-006668, dated Dec. 14, 2021, 3 pages.
- Official Acton (no English translation available) for Russia Patent Application No. 2021501615, dated Apr. 19, 2021, 2 pages.
- Notice of Allowance (no English translation available) for Russian Patent Application No. 2021501615, dated Dec. 1, 2021, 12 pages.
- Notice of Allowance (no English translation available) for Russia Patent Application No. 2021503583, dated Dec. 1, 2021, 9 pages.
- Notice of Allowance (no English translation available) for Russia Patent Application No. 2021503584, dated Dec. 1, 2021, 9 pages.
- Invitation to Pay Additional Fees for International (PCT) Patent Application No. PCT/US2021/057296, dated Jan. 18, 2022, 2 pages.
- International Search Report and Written Opinion for International (PCT) Patent Application No. PCT/US2021/057296, dated Jan. 18, 2022, 2 pages.
- Official Action for U.S. Appl. No. 15/811,032, dated Sep. 30, 2019, 6 pages. Restriction Requirement.
- Official Action for U.S. Appl. No. 15/811,032, dated Jan. 30, 2020, 13 pages.
- Official Action for U.S. Appl. No. 15/811,032, dated Jul. 28, 2020, 12 pages.
- Notice of Allowance for U.S. Appl. No. 15/811,032, dated Nov. 4, 2020, 7 pages.

Official Action for U.S. Appl. No. 16/214,477, dated Aug. 3, 2020, 7 pages. Restriction Requirement.

Official Action for U.S. Appl. No. 16/214,477, dated Dec. 11, 2020, 9 pages.

Official Action for U.S. Appl. No. 16/214,477, dated Mar. 22, 2021, 13 pages.

Official Action for U.S. Appl. No. 16/214,477, dated Jul. 23, 2021, 11 pages.

Notice of Allowance for U.S. Appl. No. 16/214,477, dated Mar. 10, 2022, 9 pages.

Notice of Allowance for U.S. Appl. No. 16/214,477, dated Mar. 30, 2022, 3 pages.

Ex Parte Quayle Action for U.S. Appl. No. 29/648,897, dated May 21, 2020, 8 pages.

Notice of Allowance for U.S. Appl. No. 29/648,897, dated Jul. 20, 2020, 6 pages.

Official Action for U.S. Appl. No. 29/648,903, dated Oct. 6, 2020, 9 pages. Restriction Requirement.

Official Action for U.S. Appl. No. 29/648,903, dated Feb. 19, 2021, 15 pages.

Official Action for U.S. Appl. No. 29/648,903, dated Aug. 11, 2021, 15 pages.

Notice of Allowance for U.S. Appl. No. 29/648,903, dated Dec. 24, 2021, 9 pages.

Official Action for U.S. Appl. No. 29/672,428, dated May 21, 2020, 8 pages.

Notice of Allowance for U.S. Appl. No. 29/672,428, dated Sep. 2, 2020, 6 pages.

Official Action for U.S. Appl. No. 29/764,090, dated Mar. 2, 2022, 9 pages.

Official Action for U.S. Appl. No. 29/695,988, dated Nov. 2, 2021, 12 pages. Restriction Requirement.

Official Action for U.S. Appl. No. 29/695,988, dated Mar. 15, 2022, 12 pages.

Official Action for U.S. Appl. No. 29/724,469, dated Sep. 1, 2021, 12 pages.

Notice of Allowance for U.S. Appl. No. 29/724,469, dated Jan. 26, 2022, 7 pages.

Official Action for U.S. Appl. No. 29/741,758, dated Sep. 16, 2021, 9 pages. Restriction Requirement.

Official Action for U.S. Appl. No. 29/741,758, dated Jan. 4, 2022, 9 pages.

Notice of Allowance (with English translation) for Japan Patent Application No. 2021-081085, dated Apr. 5, 2022, 6 pages.

Official Action (no English translation available) for Russia Patent Application No. 2021120173, dated Mar. 31, 2022, 7 pages.

Official Action (with English translation) for Japan Patent Application No. 2021-006668, dated Mar. 22, 2022, 6 pages.

International Search Report and Written Opinion for International (PCT) Patent Application No. PCT/US2021/057296, dated Mar. 22, 2022, 2 pages.

Notice of Allowance for U.S. Appl. No. 29/764,090, dated May 2, 2022, 7 pages.

Official Action for U.S. Appl. No. 29/741,758, dated Apr. 25, 2022, 6 pages.

Official Action (with English translation) for Japan Patent Application No. 2021-530957, dated May 31, 2022, 5 pages.

“[100 Sets—16 oz] Plastic Cups with Flat Lids,” Amazon, 2016, retrieved from http://amazon.com/Comfy-Package-50-Sets-Crystal/dp/B01DS7OZP2/ref=psdc_15757581_t4_B01HHQ40IC, 10 pages.

“Red Cup Living Reusable Red Plastic Cups—32 oz Party Cups—Extra Sturdy Big Red Cups—BPA Free and Washable—The Ideal Large Plastic Cups for Parties, BBQ, and Camping,” Amazon.com, Jun. 27, 2012, retrieved from <https://www.amazon.com/Red-Cup-Living-Reusable-Beverage/dp/B008FD8KD8>, 10 pages.

“Stack Man Red [16 oz—100 Pack] Party, Cold Drink Plastic Disposable Cups,” Amazon, 2016, retrieved from https://www.amazon.com/Stack-Man-Cold-Plastic-Party/dp/B071H84S86/ref=sr_1_1?dchild=1&keywords=Stack+Man+Red+%5B16+oz-100+Pack%5D+Party%2C+Cold+Drink+Plastic+Disposable+Cups&qid=1591037472&sr=8-1, 14 pages.

Extended European Search Report for European Patent Application No. 19897147.5 dated Jul. 27, 2022, 7 pages.

Decision to Grant and Search Report (no English translation available) for Russia Patent Application No. 2021120173, dated Aug. 29, 2022, 12 pages.

Official Action for Canadian Patent Application No. 202418, dated Sep. 10, 2022, 2 pages.

Official Action (with English translation) for Japan Patent Application No. 2022-005053, dated Sep. 13, 2022, 5 pages.

Official Action (with English translation) for Japan Patent Application No. 2022-019079, dated Sep. 27, 2022, 17 pages.

Notice of Allowance for U.S. Appl. No. 29/741,758, dated Aug. 19, 2022, 9 pages.

Official Action (no English translation available) for Mexico Patent Application No. MX/a/2019/009302, dated Jun. 21, 2022, 3 pages.

Notice of Allowance for Australia Patent Application No. 2019396327, dated Jul. 12, 2022, 4 pages.

Notice of Allowance for Mexico Patent Application No. MX/f/2021/000126, dated Jun. 9, 2022, 3 pages.

Official Action (with English translation) for Japan Patent Application No. 2022-005051, dated Jun. 28, 2022, 6 pages.

Official Action (with English translation) for Japan Patent Application No. 2022-005052, dated Jun. 28, 2022, 6 pages.

Official Action (with English translation) for Japan Patent Application No. 2022-005053, dated Jun. 14, 2022, 3 pages.

Official Action for Australia Patent Application No. 202213292, dated Jul. 14, 2022, 3 pages.

Official Action for U.S. Appl. No. 16/703,558, dated Jul. 1, 2022, 18 pages.

Notice of Allowance for U.S. Appl. No. 29/695,988, dated Jul. 11, 2022, 7 pages.

* cited by examiner

Primary Examiner — Jae Liang
Assistant Examiner — Tia Ruth-Renee Polidori
 (74) *Attorney, Agent, or Firm* — Sheridan Ross P.C.

(57) **CLAIM**

The ornamental design for a tapered cup, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a first embodiment of a tapered cup showing our new design;
 FIG. 2 is a front elevation view thereof, the right, left and rear elevation views being the same as the front elevation view;
 FIG. 3 is a top plan view thereof;
 FIG. 4 is a bottom plan view thereof;
 FIG. 5 is a cross-sectional view thereof taken at line 5-5 of FIG. 3;
 FIG. 6 is a front perspective view of a second embodiment of a tapered cup showing our new design;
 FIG. 7 is a front elevation view thereof, the right, left and rear elevation views being the same as the front elevation view;
 FIG. 8 is a top plan view thereof;
 FIG. 9 is a bottom plan view thereof;
 FIG. 10 is a cross-sectional view thereof taken at line 10-10 of FIG. 8;
 FIG. 11 is a front perspective view of a third embodiment of a tapered cup showing our new design;
 FIG. 12 is a front elevation view thereof, the right, left and rear elevation views being the same as the front elevation view;
 FIG. 13 is a top plan view thereof;
 FIG. 14 is a bottom plan view thereof;

FIG. **15** is a cross-sectional view thereof taken at line **15-15** of FIG. **13**;

FIG. **16** is a front perspective view of a third embodiment of a tapered cup showing our new design;

FIG. **17** is a front elevation view thereof, the right, left and rear elevation views being the same as the front elevation view;

FIG. **18** is a top plan view thereof;

FIG. **19** is a bottom plan view thereof; and,

FIG. **20** is a cross-sectional view thereof taken at line **20-20** of FIG. **18**.

The dot-dash broken lines in the drawings illustrate cross-sectional view indicia and form no part of the claimed design. The portions of the tapered cup shown in dash-dash broken lines form no part of the claimed design.

1 Claim, 20 Drawing Sheets

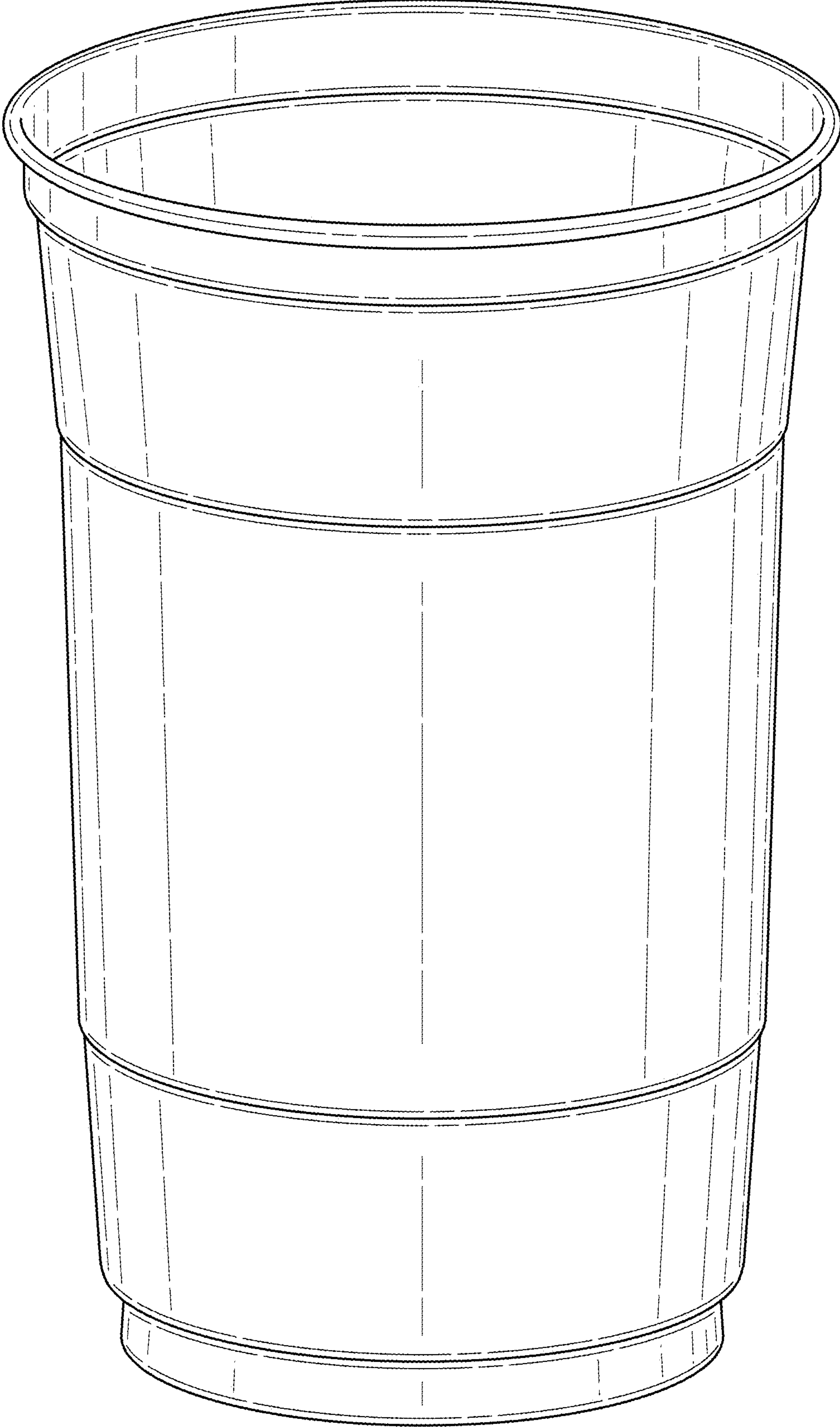


FIG.1

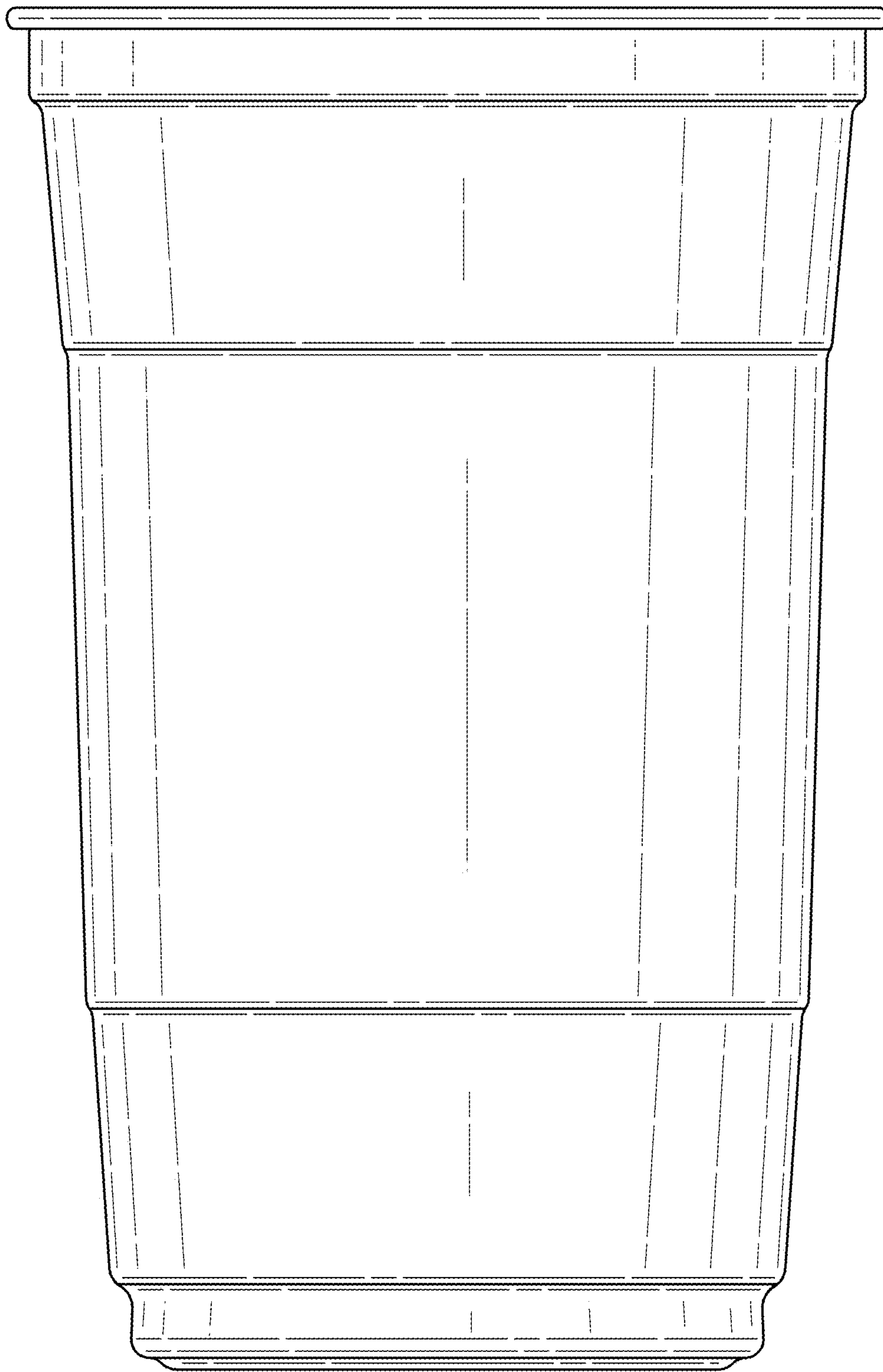


FIG.2

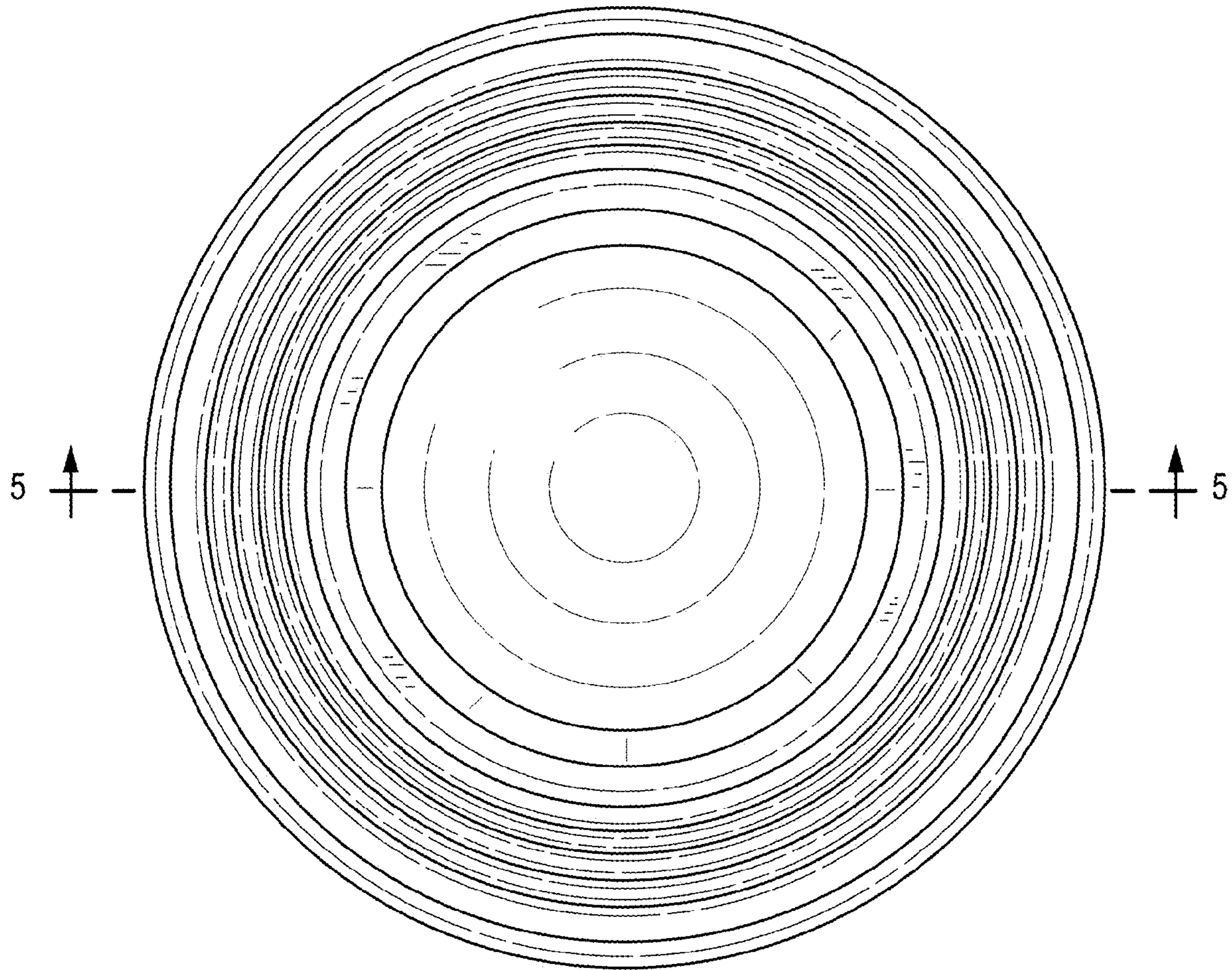


FIG.3

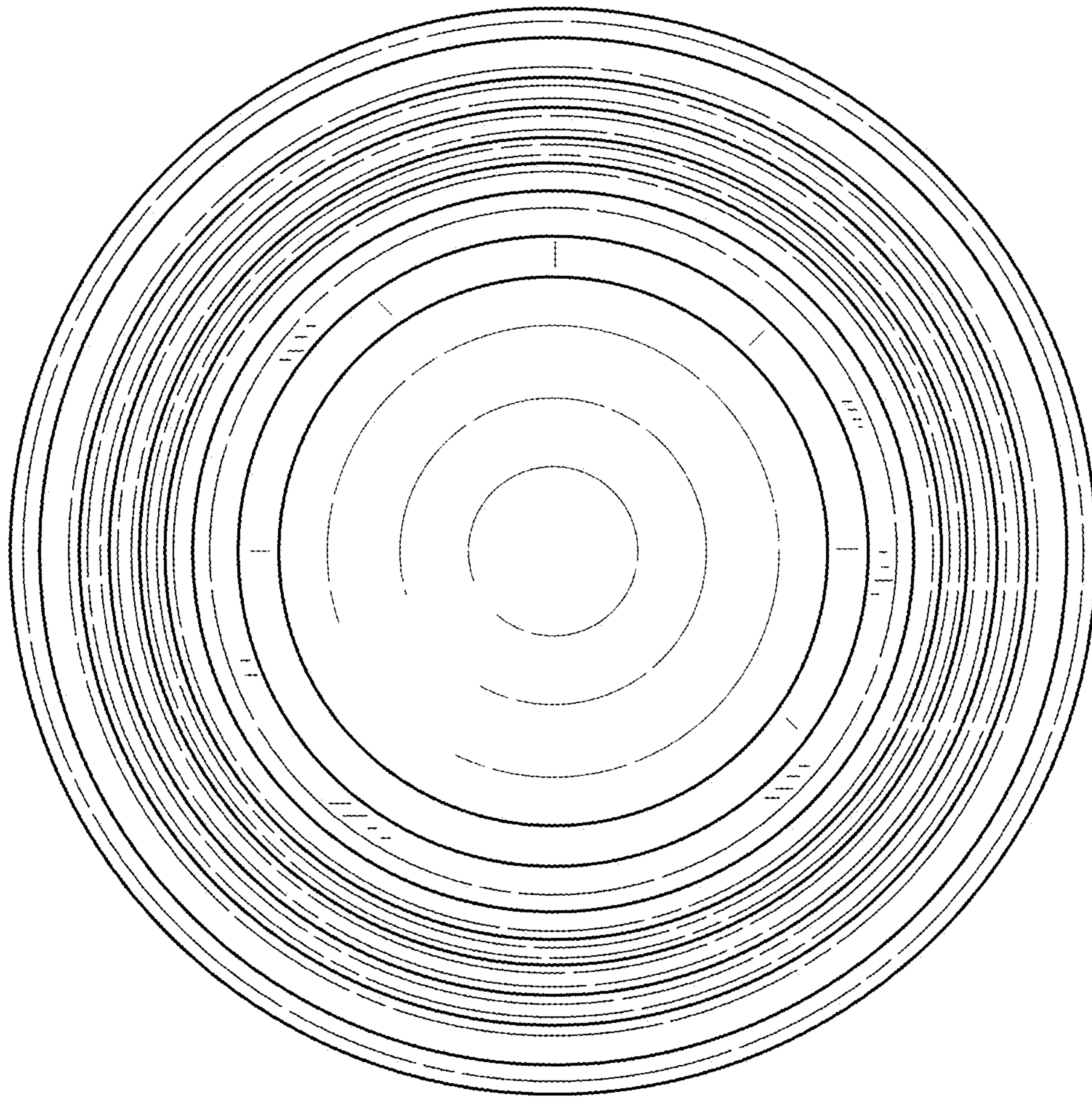


FIG. 4

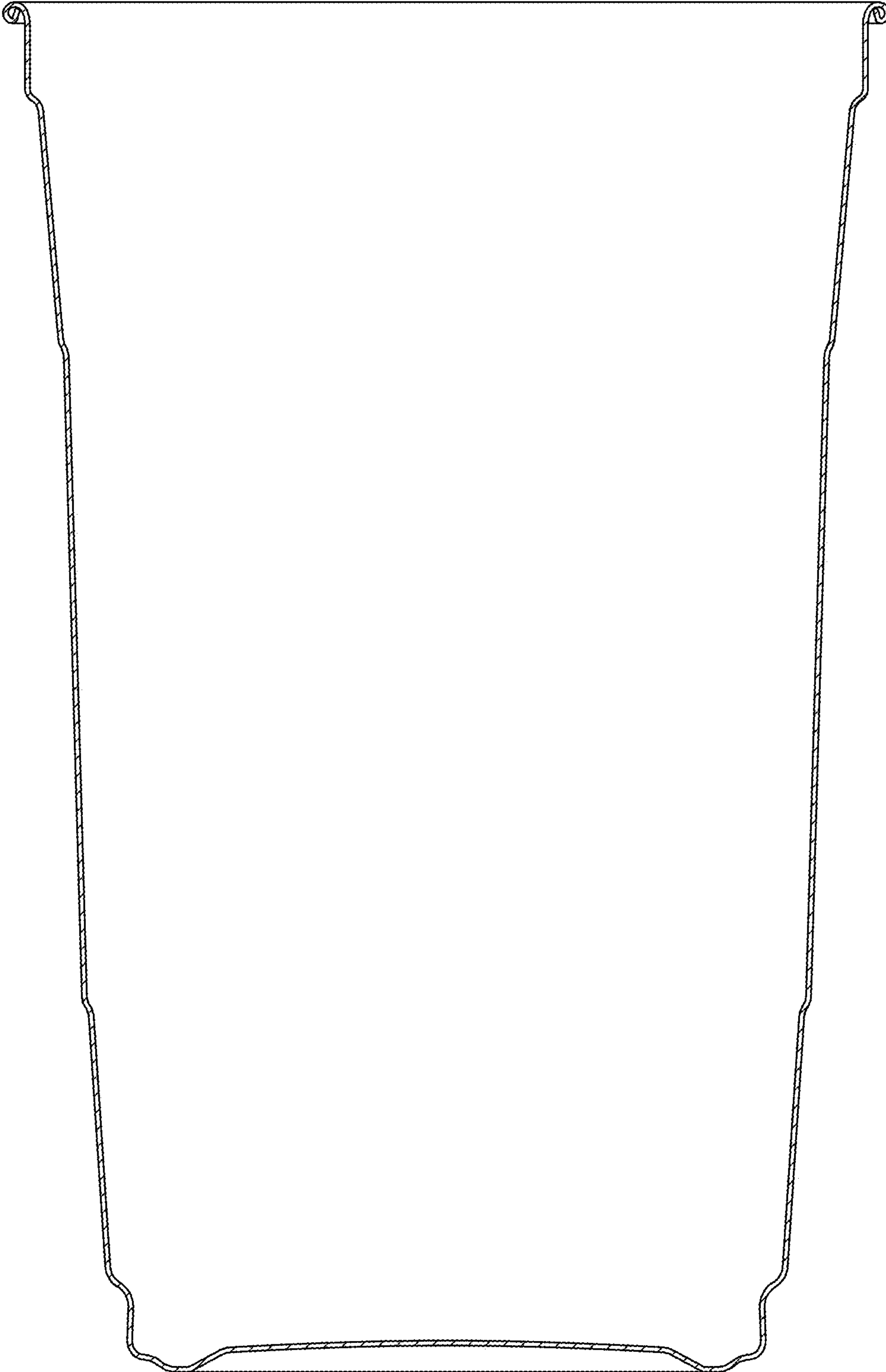


FIG.5

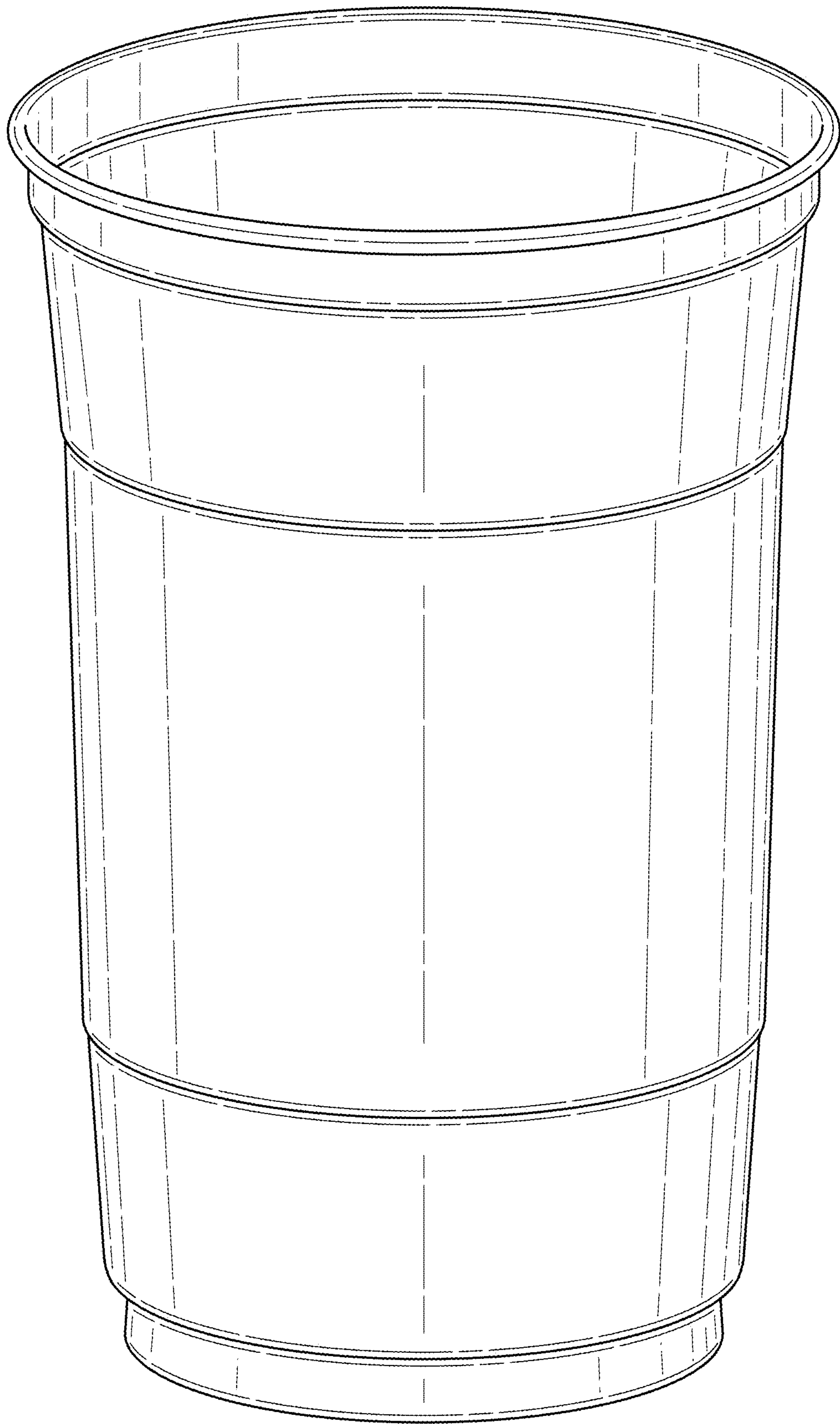


FIG.6

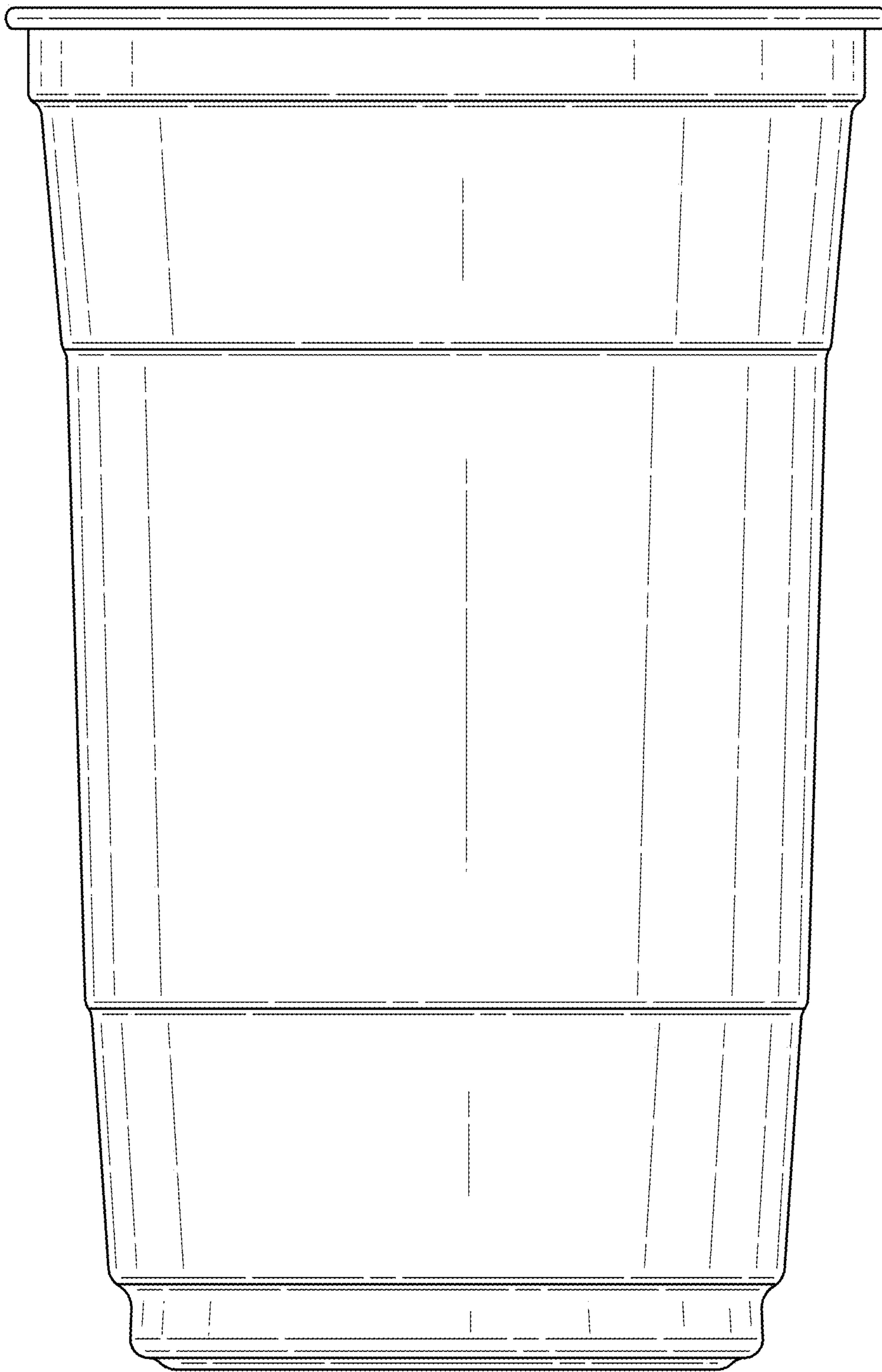


FIG.7

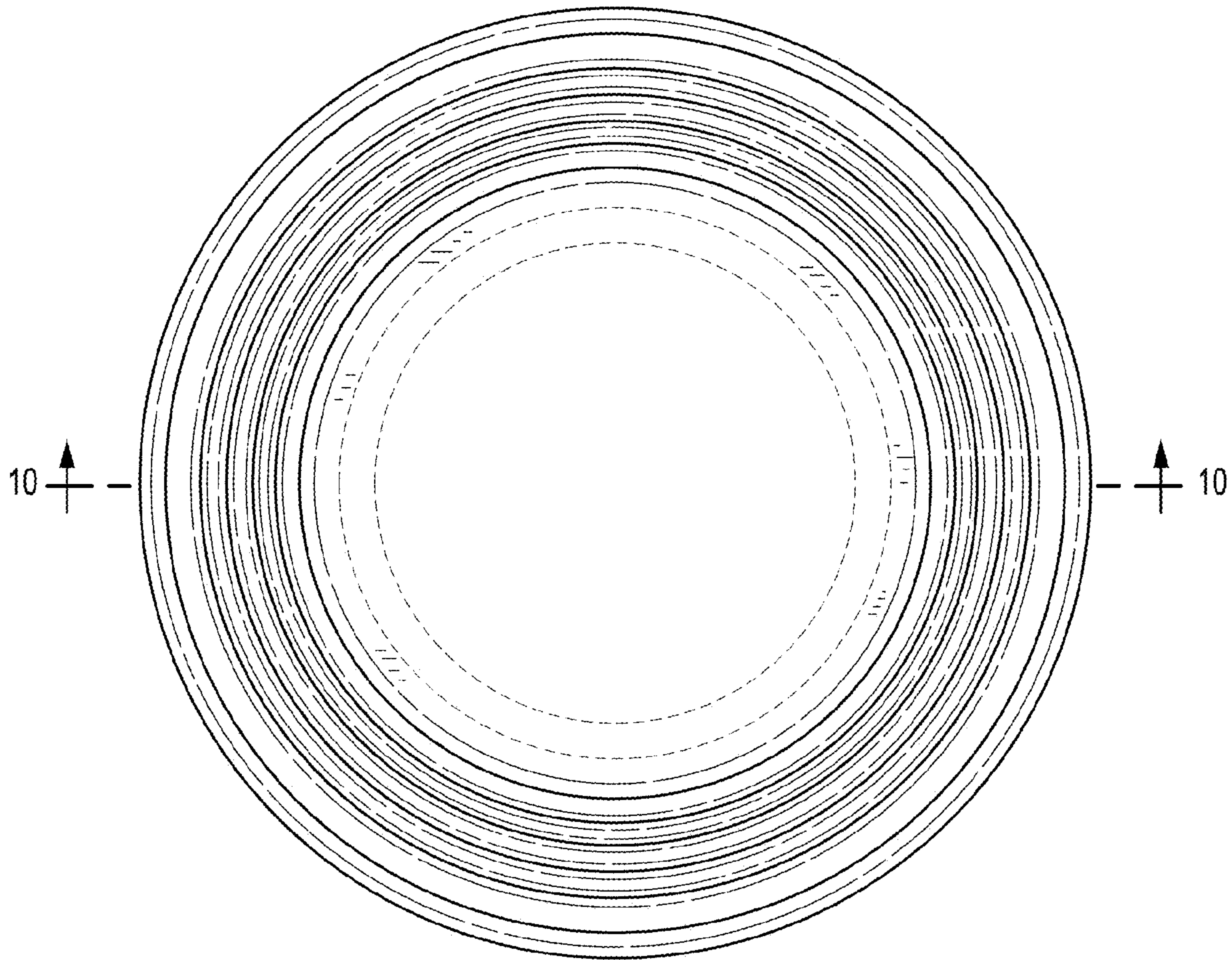


FIG.8

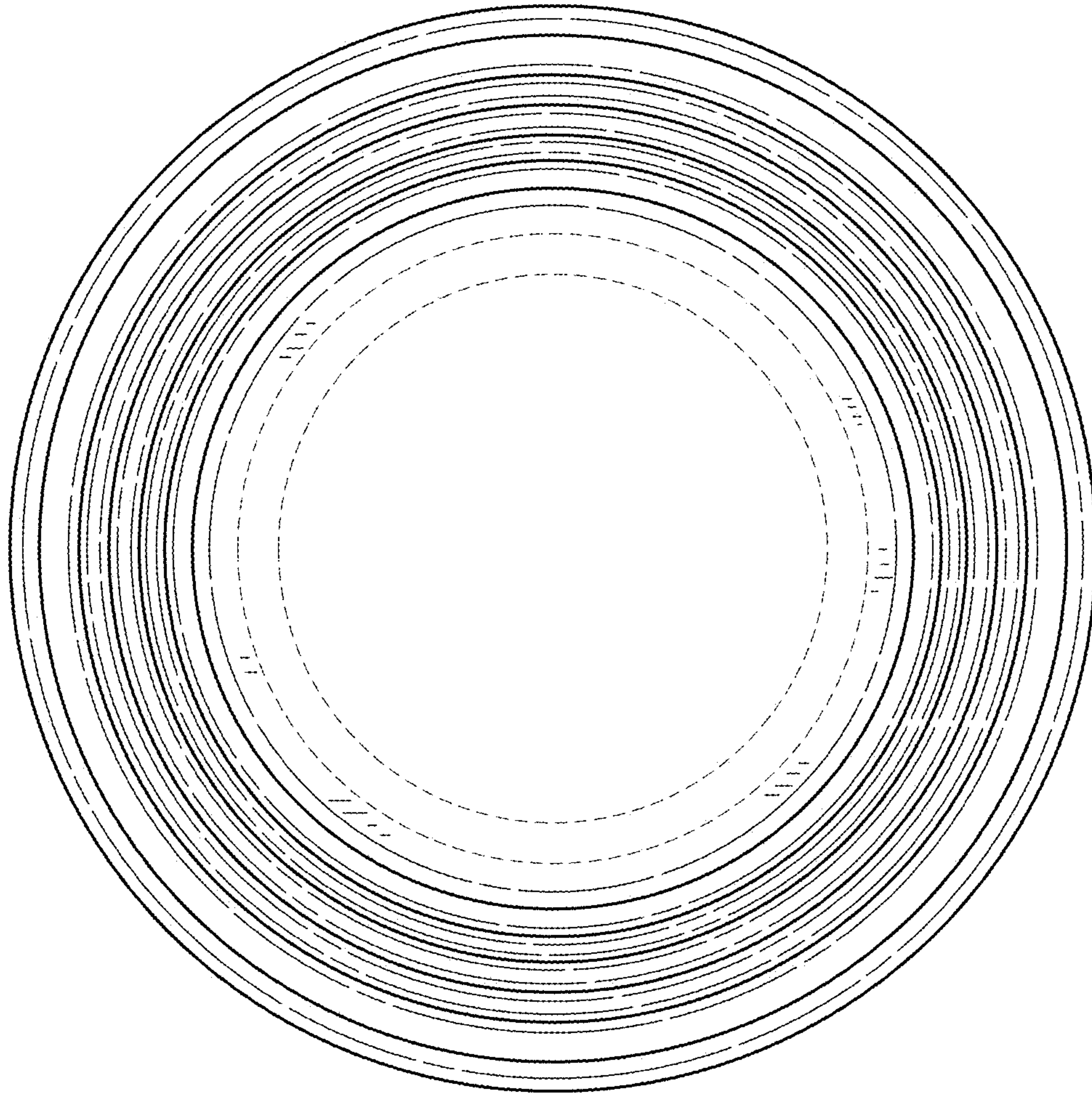


FIG.9

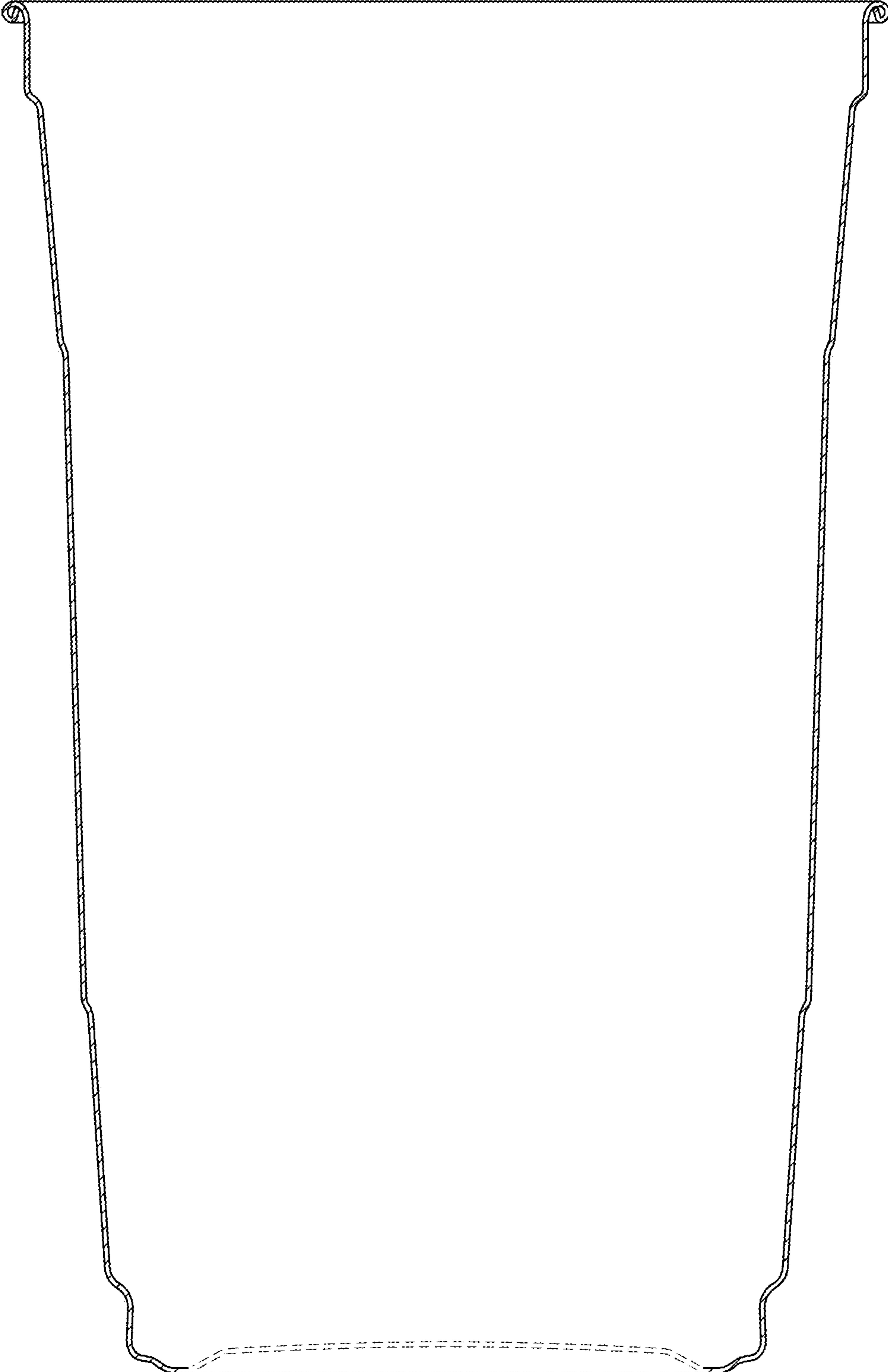


FIG.10

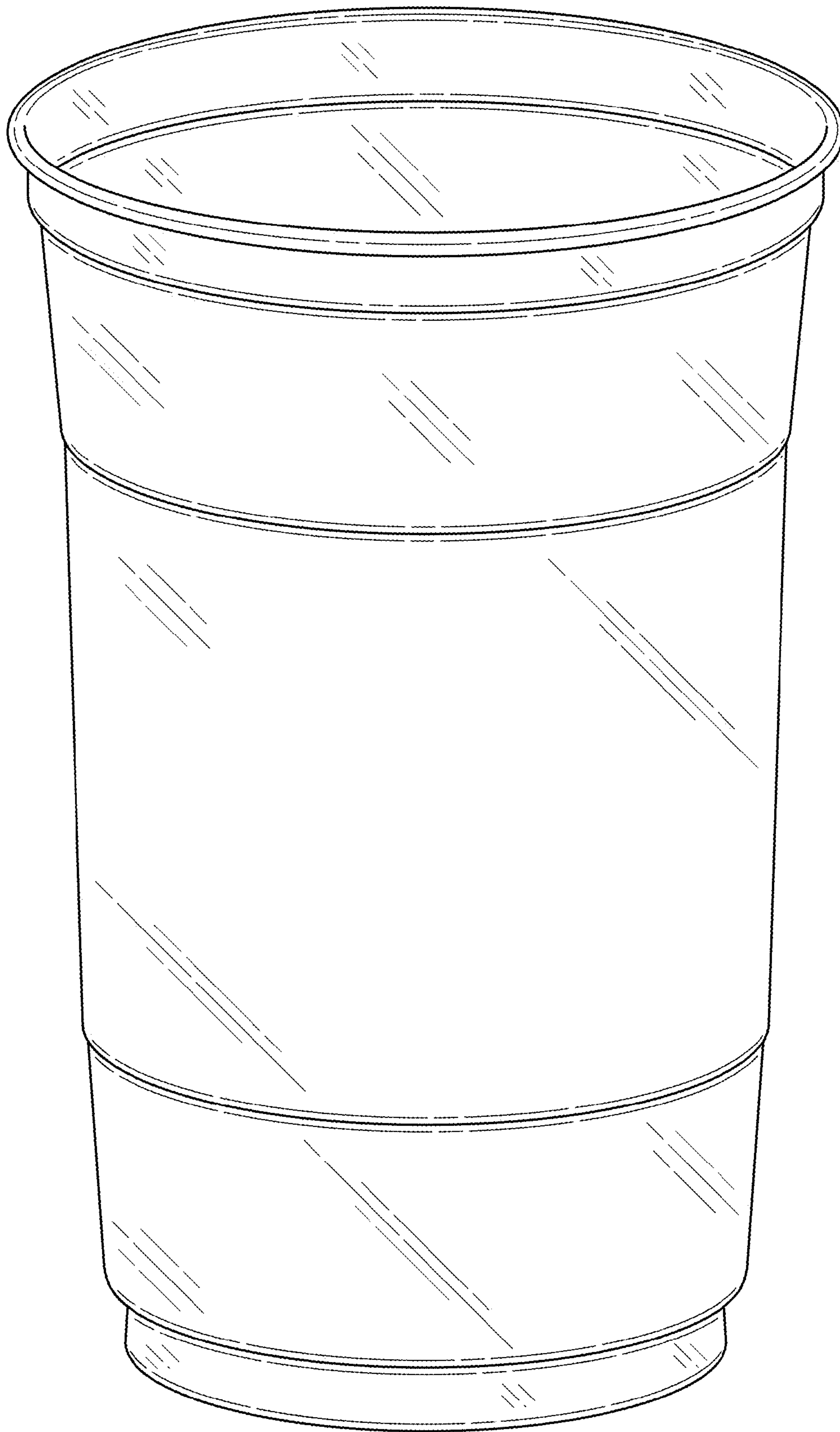


FIG.11

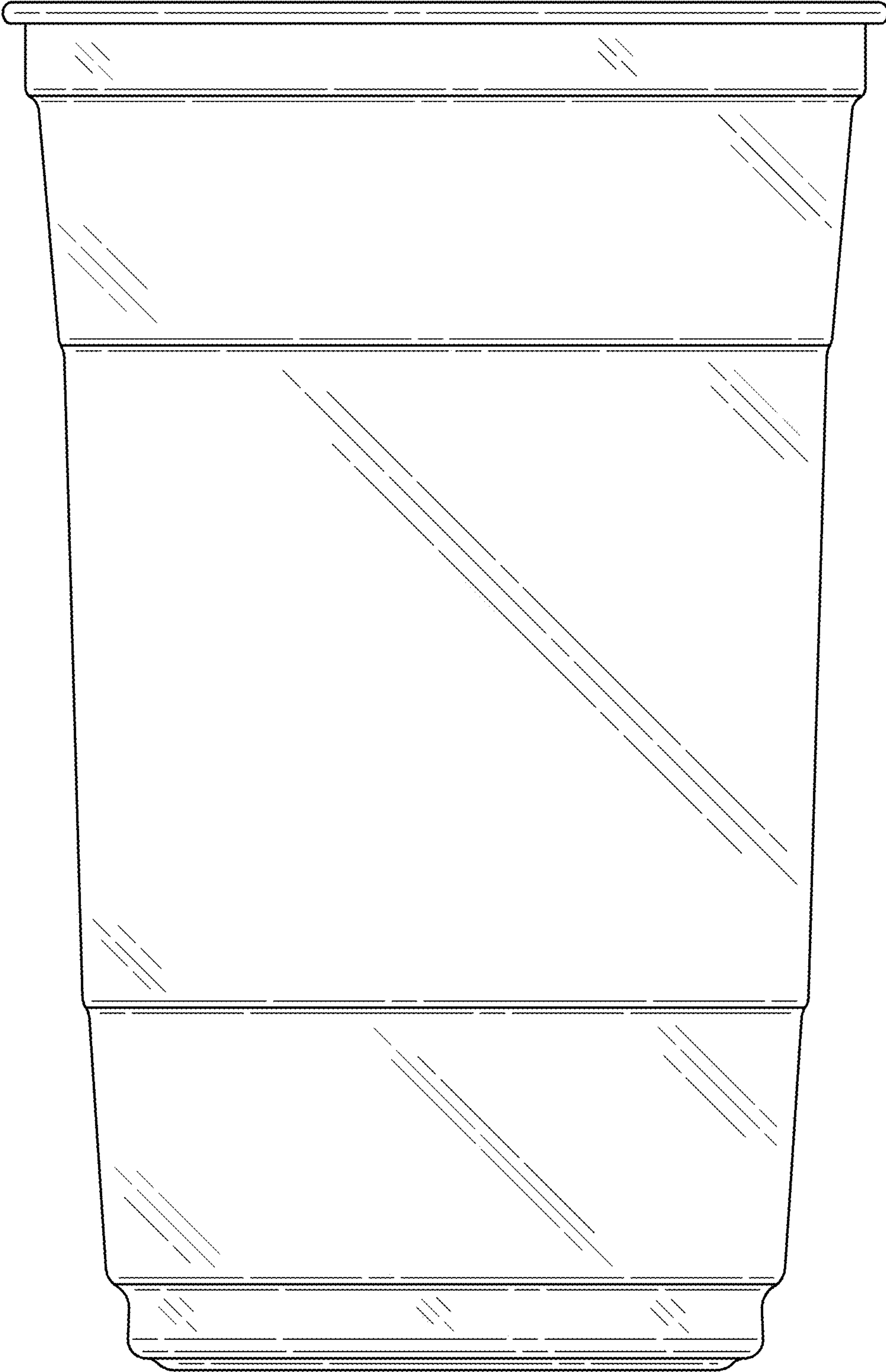


FIG.12

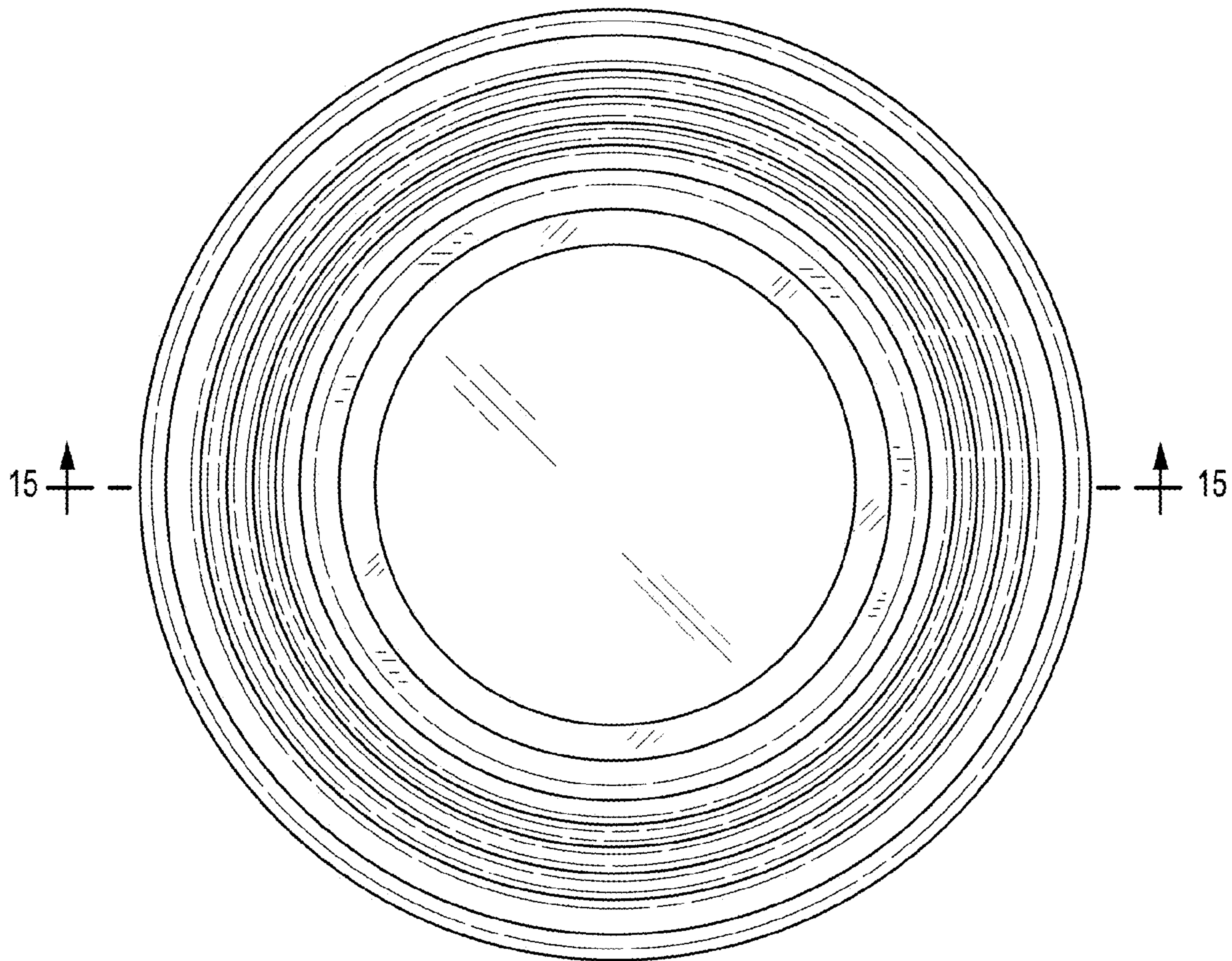


FIG.13

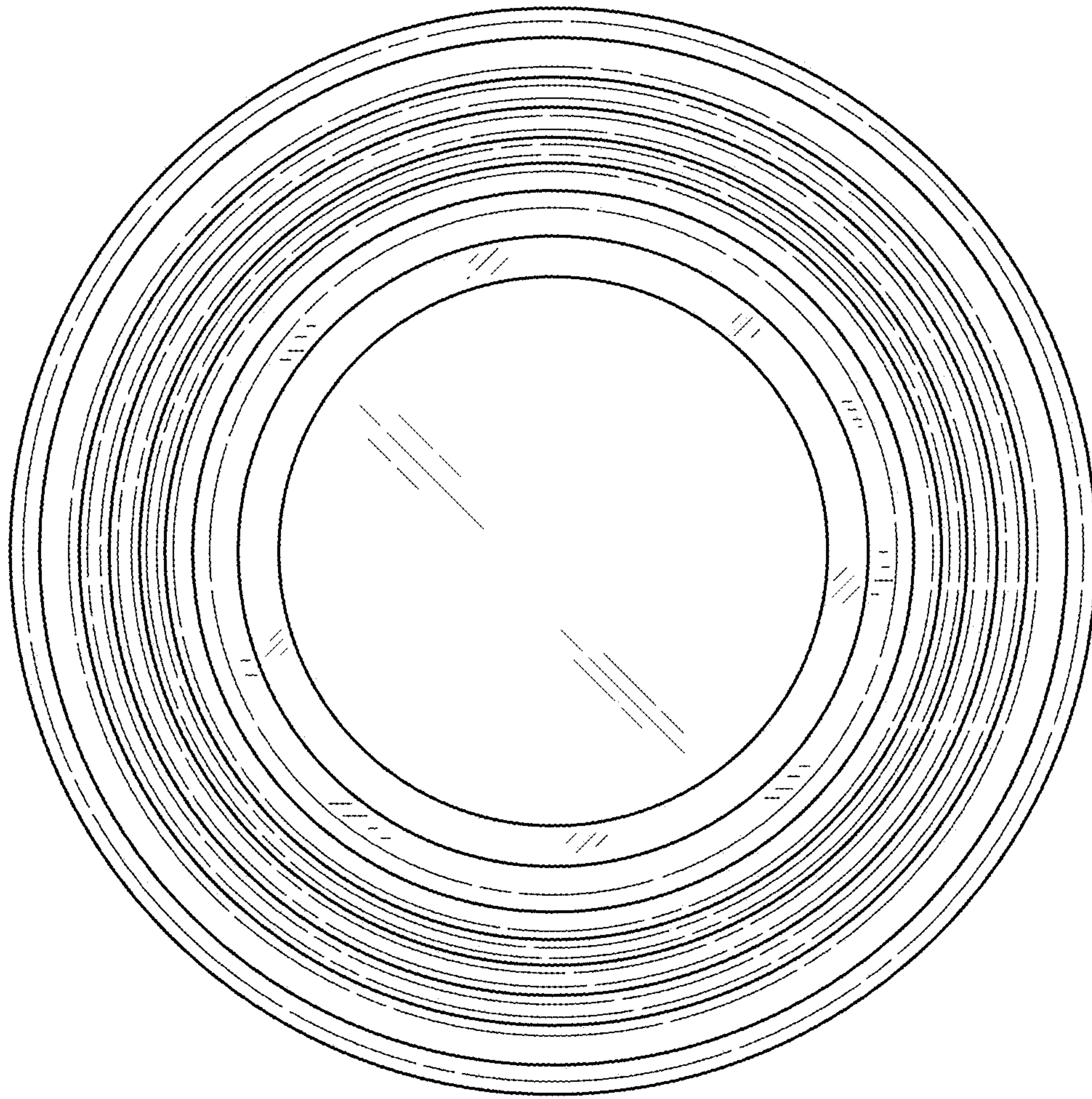


FIG.14

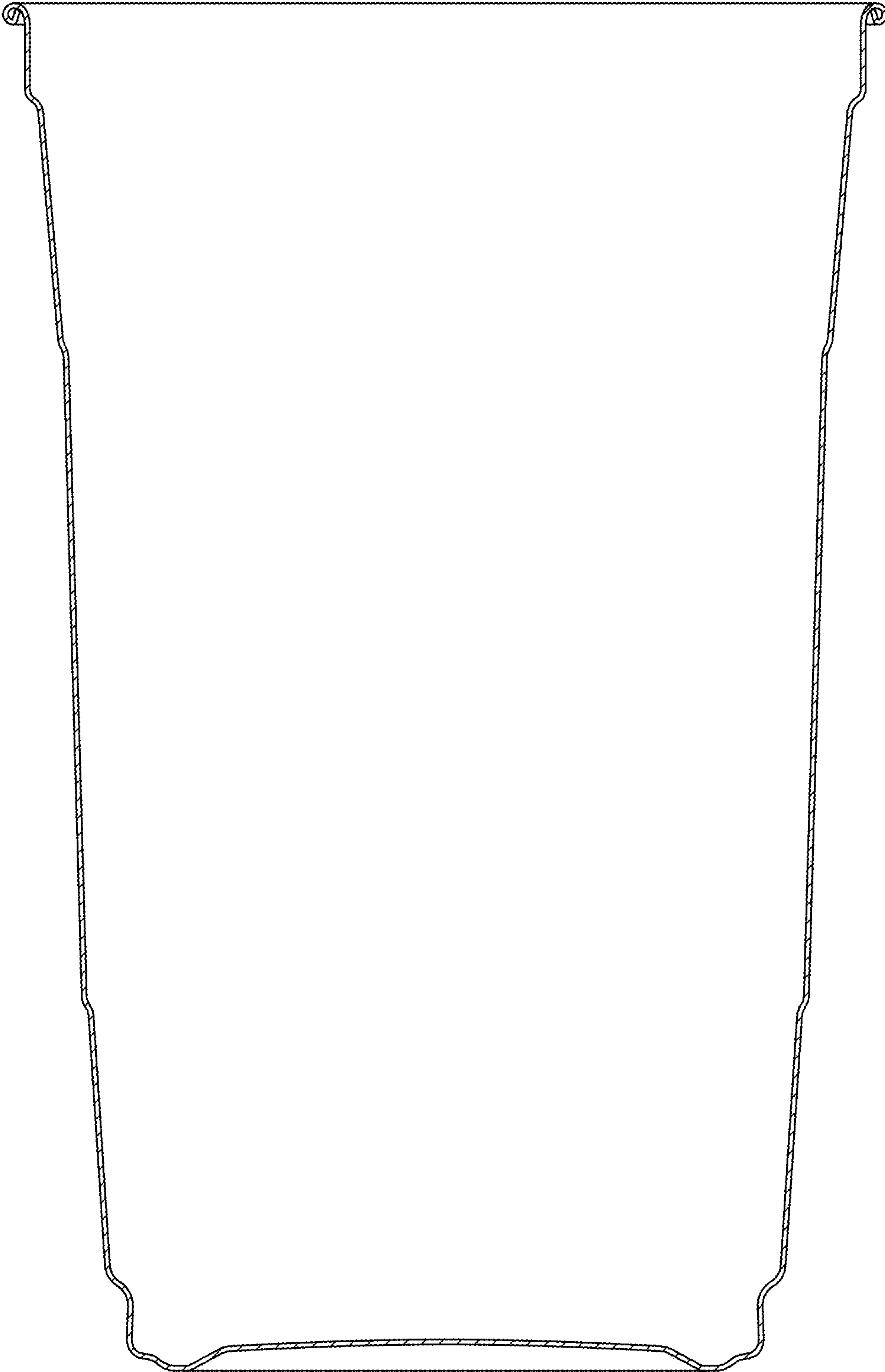


FIG.15

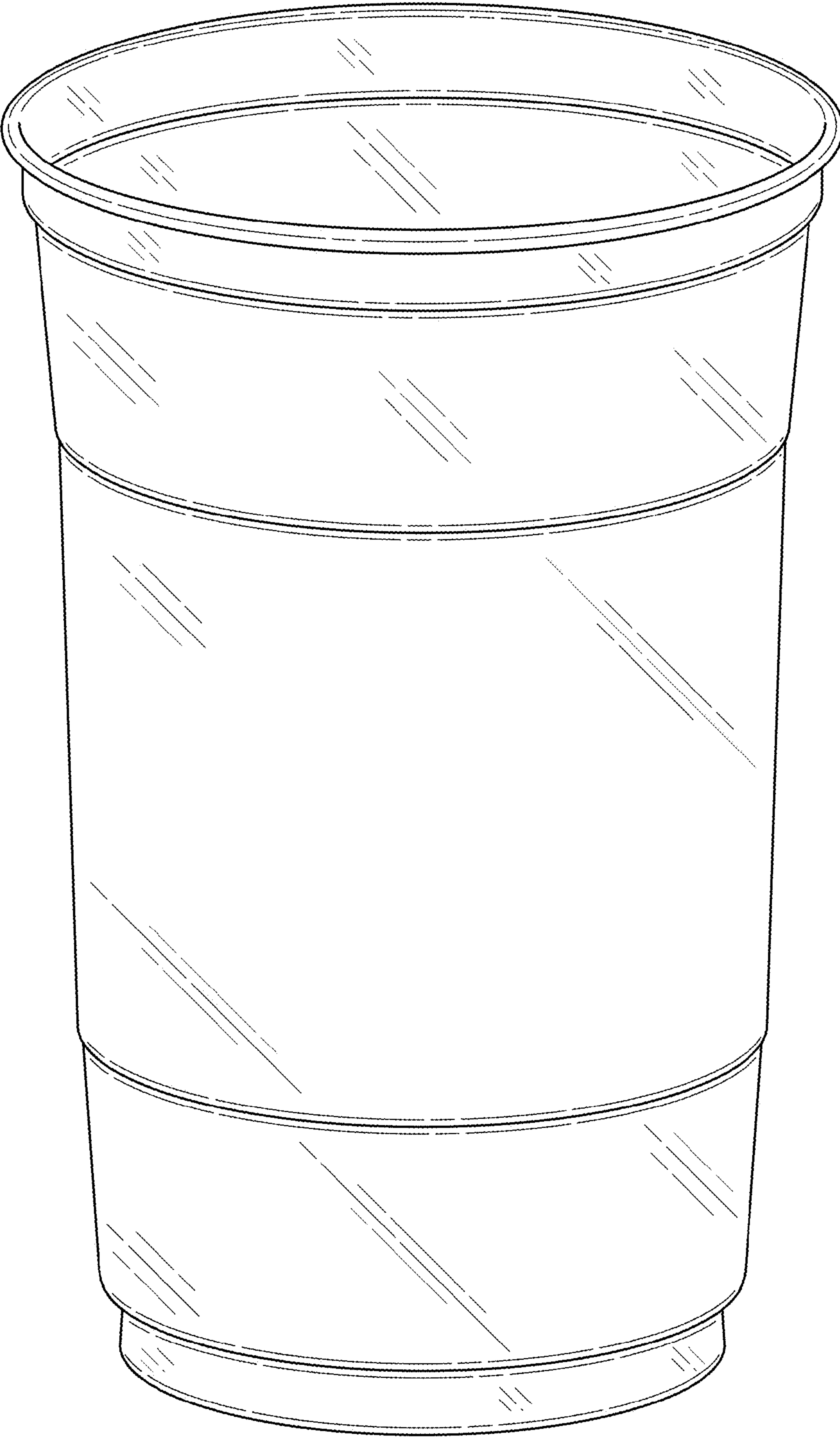


FIG.16

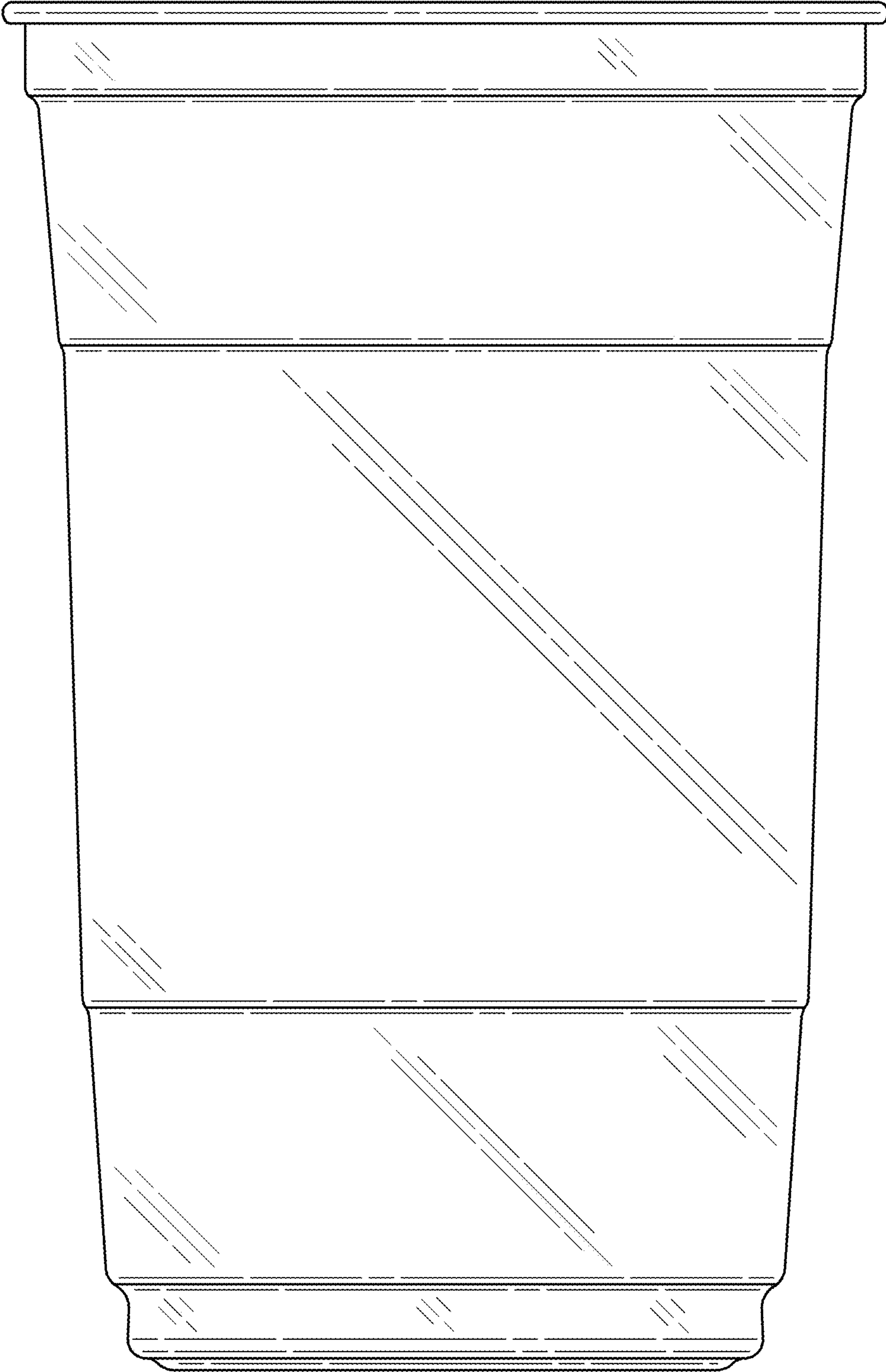


FIG.17

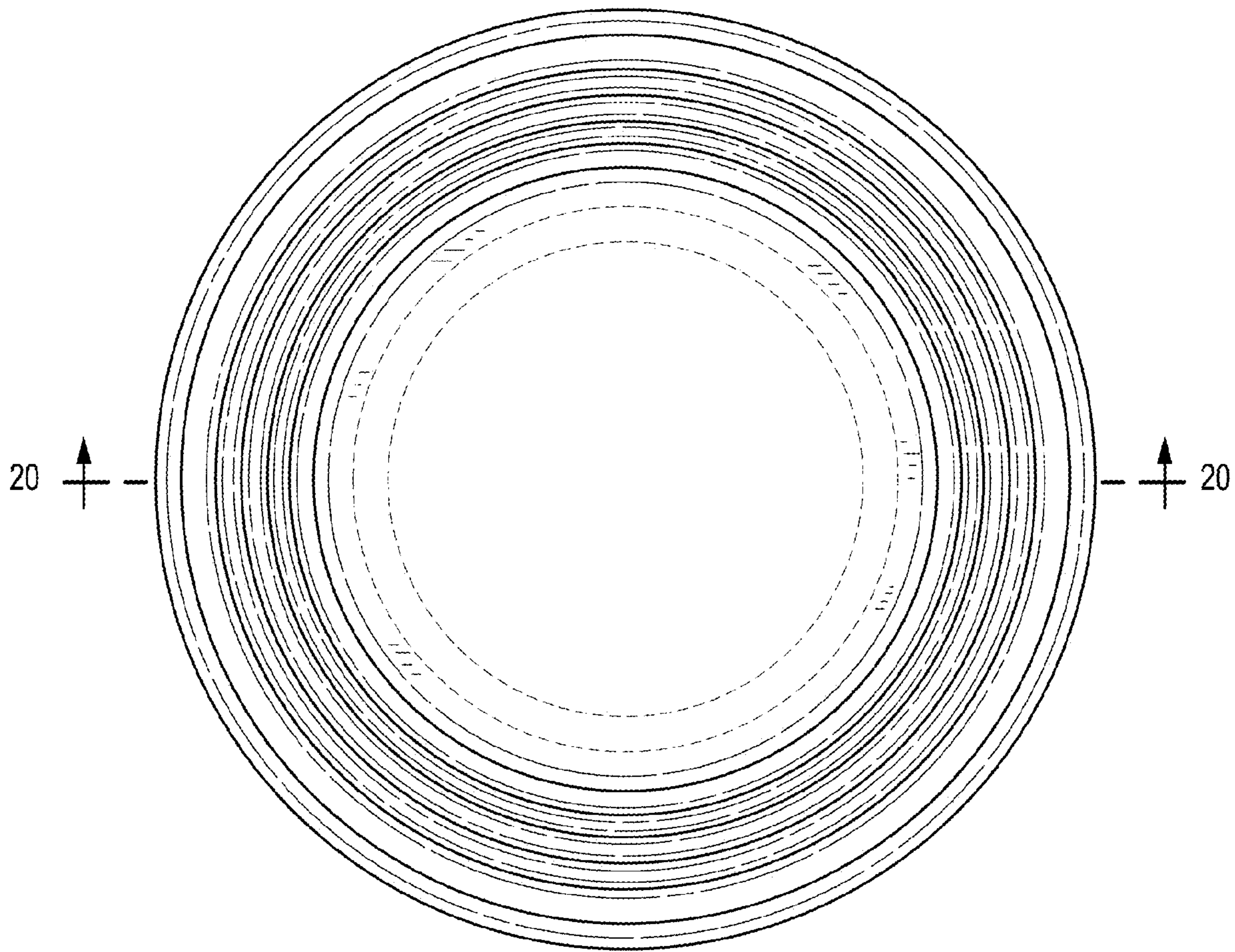


FIG.18

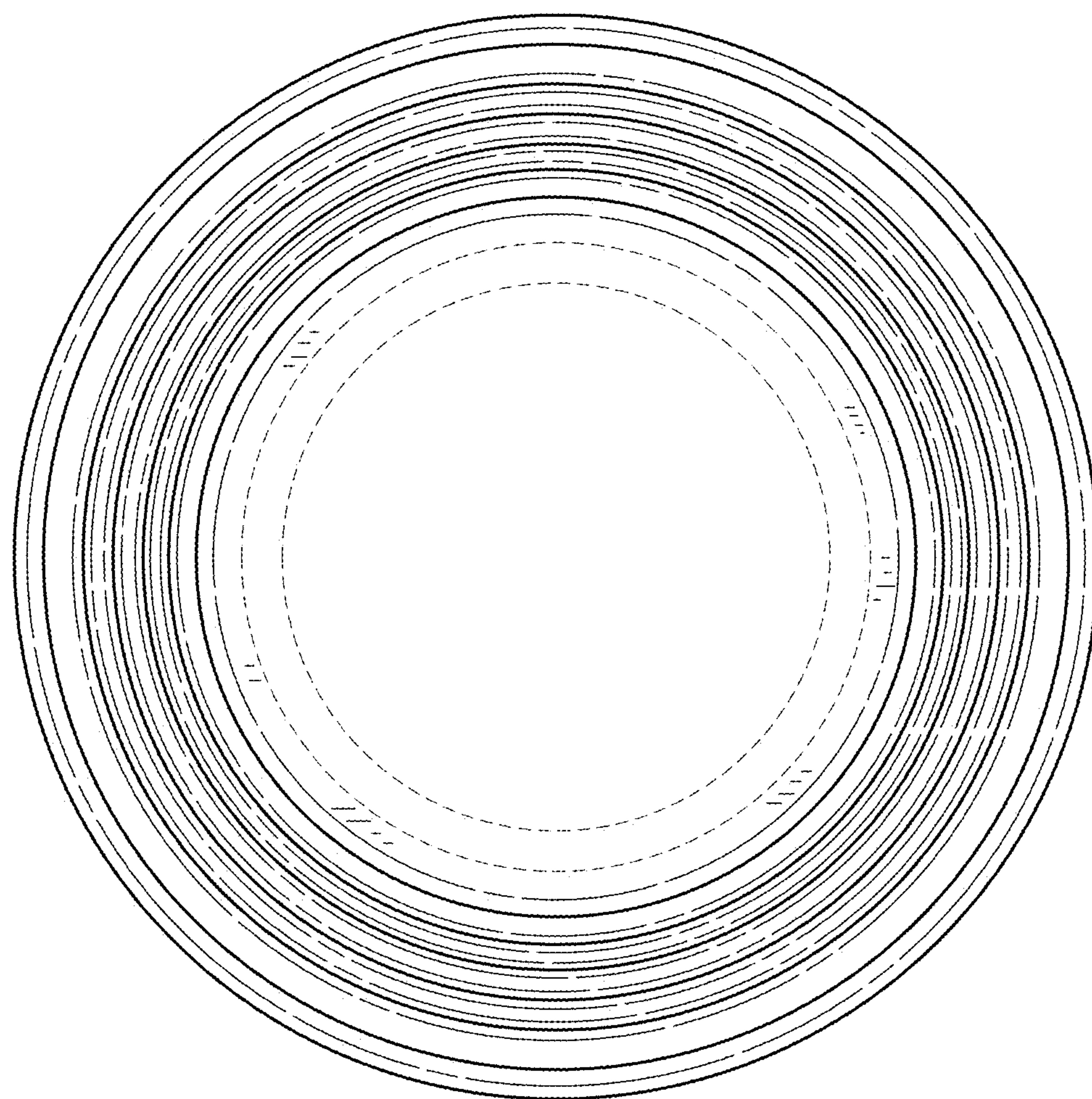


FIG.19

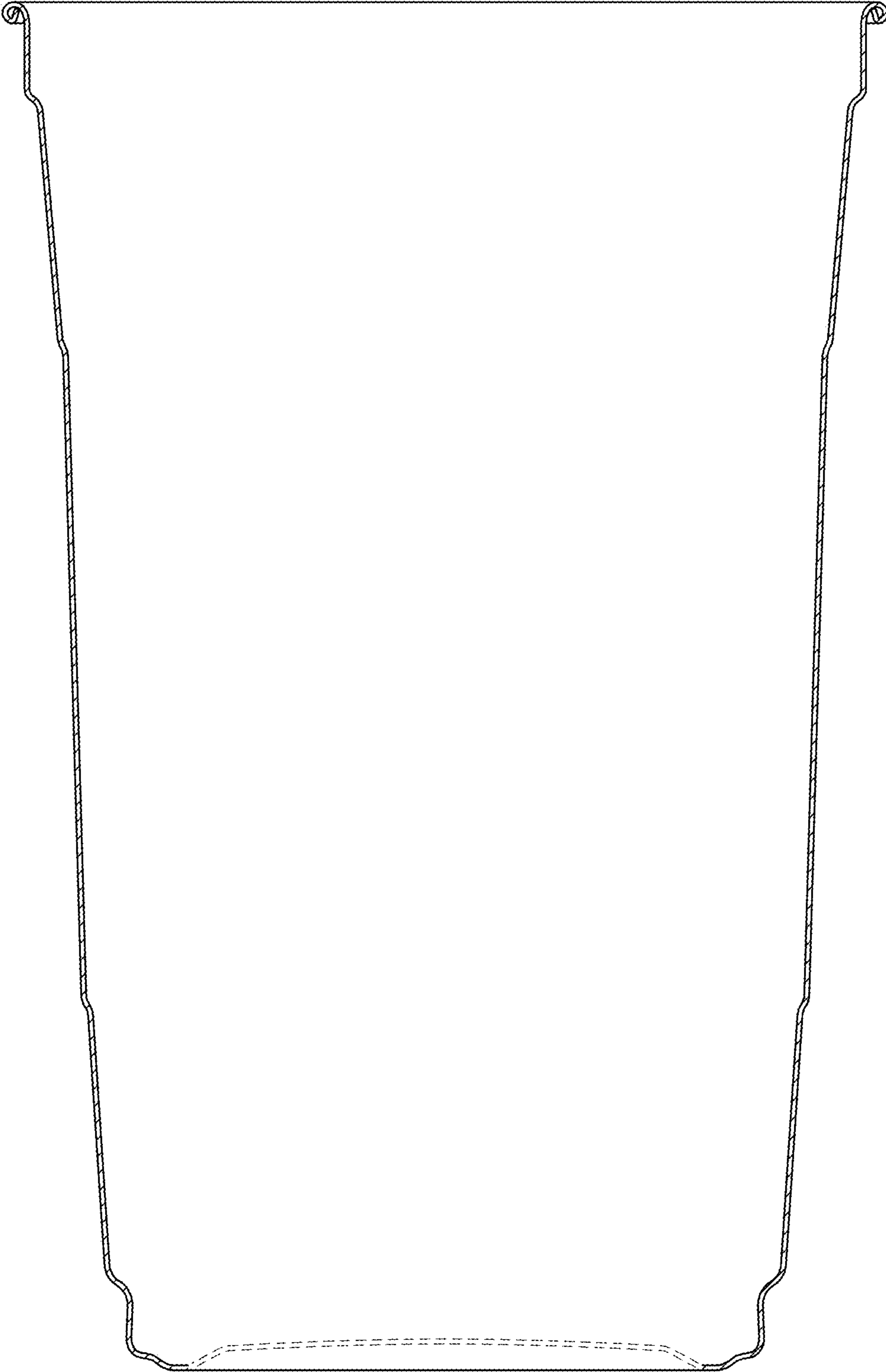


FIG.20