US00D993770S

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

(10) **Patent No.: US D993,770 S**
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(54) **DRINK CUP LID**

(71) Applicant: **Berry Global, Inc.**, Evansville, IN (US)

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(**) Term: **15 Years**

(21) Appl. No.: **29/843,255**

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**Related U.S. Application Data**

(60) Continuation of application No. 29/761,992, filed on Dec. 14, 2020, now Pat. No. Des. 976,105, which is

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(51) **LOC (14) Cl.** ..... **09-07**

(52) **U.S. Cl.**
USPC ..... **D9/454**

(58) **Field of Classification Search**
USPC ..... D7/387, 391, 392.1, 396.1, 396.2, 396.6, D7/758; D9/434, 435, 436, 438, 439, D9/440, 442, 443, 445, 446, 452, 453, D9/454, 455, 456, 447, 449; D11/90, D11/164

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D7,248 S 3/1874 Elstrand
D53,911 S 10/1919 Humphrey

(Continued)

FOREIGN PATENT DOCUMENTS

CN 3107990 1/1999
CN 99813627 1/1999

(Continued)

OTHER PUBLICATIONS

Solo PET Plastic Flat Cold Cup Lids: Announced (Oct. 28, 2020 (online)). Site Visited (Sep. 20, 2022). Available from Internet URL: https://www.dartcontainer.com/products/foodservice-catalog/accessories/lids/solo-pet-plastic-flat-cold-cup-lids/668ns/.*

(Continued)

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(57) **CLAIM**

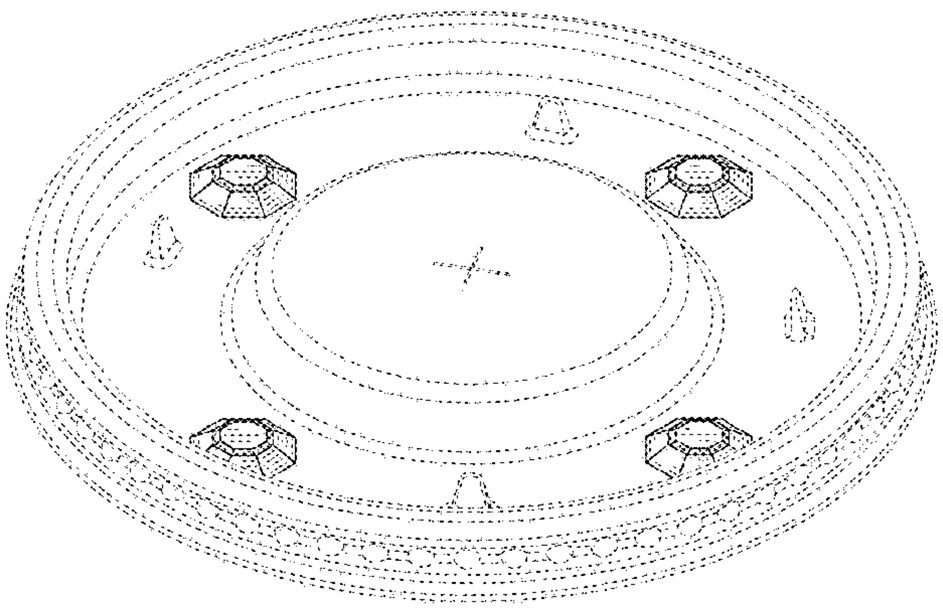
The ornamental design for a drink cup lid, as shown and described.

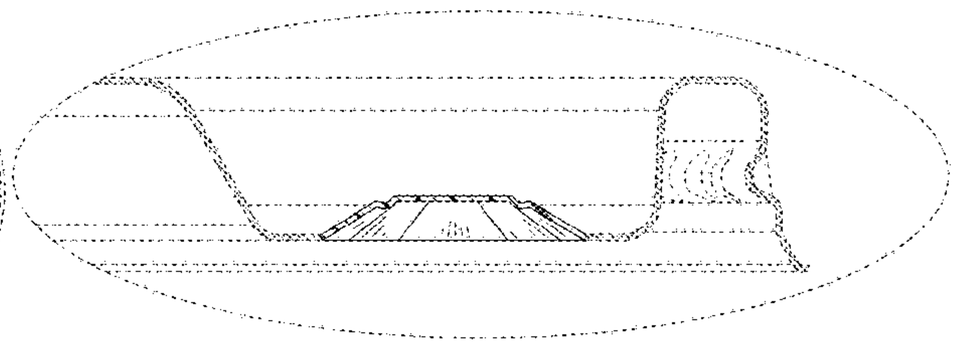
**DESCRIPTION**

FIG. **1** is a top perspective view of a drink cup lid showing my new design;
FIG. **2** is a bottom perspective view thereof;
FIG. **3** is another bottom perspective view thereof;
FIG. **4** is a side view thereof;
FIG. **5** is a top plan view thereof;
FIG. **6** is a bottom plan view thereof;
FIG. **7** is a cross-sectional view thereof taken along line **7-7** of FIG. **5**;
FIG. **8** is a cross-sectional view thereof taken along line **8-8** of FIG. **5**; and,
FIG. **9** is a cross-sectional view thereof taken along line **9-9** of FIG. **5**.

The broken lines are shown for the purpose of illustrating both parts of the article as well as the designation of partially enlarged cross sectional views. None of the broken lines form part of the claimed design. Each cross sectional view shows a single beverage selector of the drink cup lid; however, it should be appreciated that all of the beverage selectors have the same shape.

**1 Claim, 5 Drawing Sheets**





**Related U.S. Application Data**

a division of application No. 29/659,611, filed on Aug. 10, 2018, now Pat. No. Des. 907,997.

(58) **Field of Classification Search**

CPC ..... B25B 13/5008; B25B 15/008; B65D 1/02; B65D 1/0233; B65D 1/08; B65D 1/10; B65D 41/14; B65D 41/16; B65D 41/3428; B65D 55/16; B65D 43/169; B65D 43/26; B65D 43/08; B65D 2543/00046; B65D 2543/00092; B65D 2543/00555; B65D 47/08; B65D 47/32; B65D 41/02; B65D 41/18; B65D 43/0212; B65D 43/20; B65D 2251/009; B65D 2251/0028; B65D 2251/0081; B65D 21/0223; B65D 21/02; B65D 21/265; B65D 2215/00; B65D 2215/02; B65D 50/00; B65D 50/041; B65D 50/04; B65D 23/001; A47G 19/24; A47G 19/222; A47G 19/226; A47G 19/2272; A47G 19/2294; A47G 19/2205; B67D 3/00; A47J 36/10; A47J 36/14; A47J 36/06

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS


| | | | | |
|---|---|---|---|---|
| D58,571 | S | | 8/1921 | Hyatt |
| 1,395,594 | A | | 11/1921 | Pfefferle |
| D62,268 | S | | 4/1923 | Stern |
| D64,091 | S | | 2/1924 | Weintraub |
| D65,193 | S | * | 7/1924 | Leveridge ..... D11/90 |
| D78,805 | S | | 6/1929 | Burke |
| 1,755,042 | A | | 4/1930 | Zoller |
| 1,773,972 | A | | 8/1930 | Eberhart |
| 1,940,088 | A | | 12/1933 | Harrison |
| 2,015,028 | A | | 9/1935 | Gillette |
| 2,050,487 | A | | 8/1936 | Durrant |
| 2,120,403 | A | | 6/1938 | Godfrey |
| D111,097 | S | | 8/1938 | White |
| 2,174,618 | A | | 10/1939 | Burdick |
| 2,271,589 | A | | 2/1942 | Hendrickson |
| 2,313,801 | A | | 3/1943 | Carll |
| 2,374,092 | A | | 4/1945 | Glaser |
| D141,225 | S | | 5/1945 | Ray |
| 2,447,407 | A | | 8/1948 | Grain |
| 2,649,984 | A | | 8/1953 | Abt |
| D172,089 | S | | 5/1954 | Pree |
| 2,766,796 | A | | 10/1956 | Tupper |
| 2,985,354 | A | | 5/1961 | Aldington |
| 3,027,596 | A | | 4/1962 | Knowles |
| 3,048,317 | A | | 8/1962 | Cochrane |
| 3,055,540 | A | | 9/1962 | Ringlen |
| 3,065,875 | A | | 11/1962 | Negoro |
| 3,071,281 | A | | 1/1963 | Sawai |
| 3,103,224 | A | | 9/1963 | Dearling |
| 3,128,903 | A | | 4/1964 | Crisci |
| 3,245,691 | A | | 4/1966 | Gorman |
| 3,262,602 | A | | 7/1966 | McConnell |
| 3,269,734 | A | | 8/1966 | Ottofy |
| 3,301,459 | A | | 1/1967 | Gardner |
| 3,329,304 | A | | 7/1967 | Crisci |
| 3,329,305 | A | | 7/1967 | Crisci |
| 3,349,950 | A | | 10/1967 | Wanderer |
| 3,392,468 | A | | 7/1968 | Wolf |
| 3,421,653 | A | | 1/1969 | Whaley |
| 3,433,378 | A | | 3/1969 | Ross |
| 3,502,765 | A | | 3/1970 | Spencer |
| 3,524,566 | A | | 8/1970 | Parks |
| 3,561,668 | A | | 2/1971 | Bergstrom |
| 3,583,596 | A | | 6/1971 | Brewer |
| D221,420 | S | | 8/1971 | Davis |
| 3,604,588 | A | | 9/1971 | Winnick |
| 3,609,263 | A | | 9/1971 | Clementi |
| 3,610,306 | A | | 10/1971 | Summers |
| 3,612,342 | A | | 10/1971 | Bun |
| 3,624,787 | A | | 11/1971 | Newman |
| D222,905 | S | | 2/1972 | Kinney |
| 3,676,089 | A | | 7/1972 | Swett |
| 3,677,435 | A | | 7/1972 | Davis |
| 3,679,088 | A | | 7/1972 | Swett |
| 3,679,089 | A | | 7/1972 | Swett |
| D226,063 | S | | 1/1973 | Warnberg |
| 3,734,276 | A | | 5/1973 | Bank |
| 3,743,133 | A | | 7/1973 | Rathbun |
| 3,745,055 | A | | 7/1973 | Gorman |
| 3,746,158 | A | | 7/1973 | Connick |
| 3,752,042 | A | | 8/1973 | Castille |
| 3,768,688 | A | | 10/1973 | Linke |
| 3,805,991 | A | | 4/1974 | Cheladze |
| 3,817,420 | A | | 6/1974 | Heisler |
| 3,828,637 | A | | 8/1974 | Slack |
| 3,840,144 | A | | 10/1974 | Dry |
| D233,599 | S | | 11/1974 | Davis |
| 3,926,084 | A | | 12/1975 | Blazer |
| RE28,797 | E | | 5/1976 | Brewer |
| 3,954,923 | A | | 5/1976 | Valyi |
| 3,974,916 | A | | 8/1976 | Bartolucci |
| 3,977,563 | A | | 8/1976 | Holt |
| D242,736 | S | | 12/1976 | Craft, III |
| D242,738 | S | * | 12/1976 | Michaeli ..... D26/136 |
| 4,006,839 | A | | 2/1977 | Thiel |
| 4,007,936 | A | | 2/1977 | Hornsby |
| 4,018,355 | A | | 4/1977 | Ando |
| 4,026,459 | A | | 5/1977 | Blanchard |
| 4,054,229 | A | | 10/1977 | Arfert |
| 4,061,706 | A | | 12/1977 | Duffield |
| D246,955 | S | * | 1/1978 | Davis ..... D9/452 |
| 4,074,827 | A | | 2/1978 | Labe |
| 4,078,686 | A | | 3/1978 | Karesh |
| D248,376 | S | * | 7/1978 | Allen ..... D9/454 |
| D251,828 | S | * | 5/1979 | Smith ..... D9/452 |
| 4,190,174 | A | | 2/1980 | Haimowitz |
| 4,194,645 | A | | 3/1980 | Zabner |
| 4,210,258 | A | | 7/1980 | von Holdt |
| 4,211,743 | A | | 7/1980 | Nauta et al. |
| D256,558 | S | | 8/1980 | Smith |
| D258,576 | S | | 3/1981 | Smith |
| 4,266,689 | A | | 5/1981 | Asher |
| D261,486 | S | * | 10/1981 | Smith ..... D9/452 |
| 4,293,080 | A | | 10/1981 | Letica |
| D262,691 | S | | 1/1982 | Horsley |
| D264,440 | S | * | 5/1982 | Austin ..... D9/431 |
| D264,690 | S | | 6/1982 | Bagwell |
| 4,349,119 | A | | 9/1982 | Letica |
| 4,351,448 | A | | 9/1982 | Ingersoll |
| 4,370,908 | A | | 2/1983 | Dealto |
| 4,380,305 | A | | 4/1983 | Holdt |
| 4,389,802 | A | | 6/1983 | Mclaren |
| 4,408,698 | A | | 10/1983 | Ballester |
| 4,412,467 | A | | 11/1983 | Desanto |
| 4,413,964 | A | | 11/1983 | Winstead |
| D271,857 | S | * | 12/1983 | Callahan ..... D9/438 |
| 4,421,244 | A | | 12/1983 | Van Melle |
| 4,421,712 | A | | 12/1983 | Winstead |
| D272,324 | S | * | 1/1984 | Mumford ..... D9/454 |
| 4,444,332 | A | | 4/1984 | Widen |
| 4,446,986 | A | | 5/1984 | Bowen |
| 4,474,305 | A | | 10/1984 | Marco |
| 4,508,235 | A | | 4/1985 | Steele |
| 4,518,097 | A | | 5/1985 | Milton |
| 4,524,882 | A | | 6/1985 | Bug |
| 4,562,937 | A | | 1/1986 | Iyengar |
| D286,026 | S | | 10/1986 | Rayner |
| 4,629,088 | A | | 12/1986 | Durgin |
| 4,640,434 | A | | 2/1987 | Johnsen |
| 4,640,435 | A | | 2/1987 | Dutt |
| 4,674,644 | A | | 6/1987 | Jacobs |
| 4,679,699 | A | | 7/1987 | Malsbury |
| D292,380 | S | | 10/1987 | Smith |
| 4,721,210 | A | | 1/1988 | Lawrence |

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|---|---|---|---|---|
| 4,722,820 | A | | 2/1988 | Flecknoe-Brown |
| 4,782,976 | A | | 11/1988 | Kenyon |
| D298,919 | S | | 12/1988 | Gee |
| 4,799,602 | A | | 1/1989 | Collins |
| 4,836,407 | A | | 6/1989 | Bruce |
| 4,872,586 | A | | 10/1989 | Landis |
| 4,886,184 | A | | 12/1989 | Chamourian |
| 4,934,557 | A | | 6/1990 | Smith |
| D309,564 | S | | 7/1990 | Rayner |
| 4,971,211 | A | | 11/1990 | Lake |
| 4,994,229 | A | | 2/1991 | Flecknoe-Brown |
| D317,262 | S | | 6/1991 | Bluff |
| 5,064,082 | A | | 11/1991 | Lombardi |
| 5,088,367 | A | | 2/1992 | Cracchiolo |
| 5,099,232 | A | | 3/1992 | Howes |
| 5,106,567 | A | | 4/1992 | Demerest |
| 5,111,961 | A | | 5/1992 | Van Melle |
| 5,151,233 | A | | 9/1992 | Wendt |
| 5,180,079 | A | | 1/1993 | Jeng |
| 5,219,627 | A | | 6/1993 | Arase |
| D339,027 | S | | 9/1993 | Mack |
| 5,375,828 | A | | 12/1994 | Shikami |
| 5,377,860 | A | | 1/1995 | Littlejohn |
| 5,390,810 | A | | 2/1995 | Stroble |
| 5,397,023 | A | | 3/1995 | Toczek |
| 5,398,843 | A | | 3/1995 | Warden |
| 5,427,266 | A | | 6/1995 | Yun |
| D360,133 | S | | 7/1995 | Boller |
| 5,460,286 | A | | 10/1995 | Rush |
| D365,516 | S | * | 12/1995 | Williamson ..... D9/651 |
| 5,489,026 | A | | 2/1996 | Daloia |
| D368,430 | S | | 4/1996 | Herzog |
| D368,444 | S | * | 4/1996 | Shryock ..... D11/143 |
| 5,509,568 | A | | 4/1996 | Warden |
| 5,524,788 | A | | 6/1996 | Plester |
| 5,531,347 | A | | 7/1996 | Goulding |
| 5,542,532 | A | | 8/1996 | Mitchell |
| D374,822 | S | | 10/1996 | Philips |
| 5,592,766 | A | | 1/1997 | Mygatt |
| 5,613,619 | A | | 3/1997 | Van Melle |
| 5,614,228 | A | | 3/1997 | Demerest |
| 5,641,063 | A | | 6/1997 | Gambardella |
| D380,385 | S | | 7/1997 | Litke |
| D381,267 | S | * | 7/1997 | Rush ..... D9/452 |
| D384,580 | S | | 10/1997 | Fernandes |
| D384,862 | S | | 10/1997 | Hayes |
| 5,713,463 | A | | 2/1998 | Lakoski |
| 5,722,558 | A | | 3/1998 | Thompson |
| 5,746,312 | A | | 5/1998 | Johnson |
| 5,769,263 | A | | 6/1998 | Willingham |
| 5,775,194 | A | | 7/1998 | Spada |
| 5,783,229 | A | | 7/1998 | Manlove |
| 5,791,509 | A | | 8/1998 | Rush |
| 5,795,535 | A | | 8/1998 | Giovannone |
| D398,997 | S | * | 9/1998 | Taylor ..... D23/386 |
| 5,806,707 | A | | 9/1998 | Boehm |
| 5,820,016 | A | | 10/1998 | Stropkay |
| 5,829,583 | A | | 11/1998 | Verweyst |
| 5,839,601 | A | | 11/1998 | Melle |
| 5,868,309 | A | | 2/1999 | Sandstrom |
| D408,223 | S | | 4/1999 | Henry |
| 5,894,952 | A | | 4/1999 | Mendenhall |
| 5,913,964 | A | | 6/1999 | Melton |
| 5,947,278 | A | | 9/1999 | Sawhney |
| 5,947,323 | A | | 9/1999 | Freek |
| 5,979,690 | A | | 11/1999 | Hartley |
| 5,983,693 | A | | 11/1999 | Bodnar |
| 6,021,917 | A | | 2/2000 | Lovell |
| 6,056,144 | A | | 5/2000 | Strange |
| 6,070,752 | A | | 6/2000 | Nava |
| D428,355 | S | * | 7/2000 | Kavalek ..... D11/90 |
| 6,086,800 | A | | 7/2000 | Manlove |
| 6,089,397 | A | | 7/2000 | Van Melle |
| D432,868 | S | * | 10/2000 | Tan ..... D7/584 |
| 6,126,035 | A | | 10/2000 | Schaper |
| 6,161,354 | A | | 12/2000 | Gilbert |
| D437,223 | S | | 2/2001 | Coy |
| D437,671 | S | | 2/2001 | Fajerstein |
| 6,196,404 | B1 | | 3/2001 | Chen |
| 6,196,411 | B1 | | 3/2001 | Nava |
| 6,216,857 | B1 | | 4/2001 | Gordon |
| 6,257,435 | B1 | | 7/2001 | Chedister |
| 6,257,629 | B1 | | 7/2001 | Weichelt |
| D446,150 | S | * | 8/2001 | Bamminger ..... D11/90 |
| 6,279,300 | B1 | | 8/2001 | Simhaee |
| 6,299,014 | B1 | | 10/2001 | Nava |
| 6,302,288 | B1 | | 10/2001 | Nava |
| 6,311,860 | B1 | | 11/2001 | Reidinger |
| 6,319,456 | B1 | | 11/2001 | Gilbert |
| D452,155 | S | | 12/2001 | Stodd |
| 6,330,943 | B1 | | 12/2001 | Gordon |
| 6,349,821 | B1 | | 2/2002 | Gordon |
| 6,357,619 | B1 | | 3/2002 | Schaefer |
| 6,364,102 | B1 | | 4/2002 | Gordon |
| 6,371,289 | B1 | | 4/2002 | Gordon |
| 6,394,783 | B1 | | 5/2002 | Dalgewicz, III |
| 6,404,730 | B2 | | 6/2002 | Yeo |
| 6,412,629 | B1 | | 7/2002 | Gordon |
| 6,419,112 | B1 | | 7/2002 | Bruce |
| D461,141 | S | | 8/2002 | Steiner |
| 6,427,832 | B1 | | 8/2002 | Ali |
| 6,454,087 | B2 | | 9/2002 | Gordon |
| 6,460,716 | B1 | | 10/2002 | Wong |
| 6,464,072 | B2 | | 10/2002 | Gordon |
| 6,478,148 | B2 | | 11/2002 | Gordon |
| 6,481,573 | B2 | | 11/2002 | Gordon |
| D468,494 | S | | 1/2003 | Holloway |
| D469,693 | S | | 2/2003 | Weiss |
| D471,810 | S | | 3/2003 | Hayes |
| 6,533,114 | B1 | | 3/2003 | Gordon |
| 6,554,154 | B1 | | 4/2003 | Chauhan |
| 6,557,698 | B2 | | 5/2003 | Gordon |
| 6,561,122 | B1 | | 5/2003 | Kurja |
| 6,561,345 | B2 | | 5/2003 | Gordon |
| 6,571,943 | B2 | | 6/2003 | Gordon |
| 6,576,309 | B2 | | 6/2003 | Dalgewicz, III |
| 6,588,182 | B2 | | 7/2003 | Gordon |
| 6,598,741 | B2 | | 7/2003 | Gordon |
| 6,604,629 | B2 | | 8/2003 | Gordon |
| 6,612,456 | B1 | | 9/2003 | Hundley |
| 6,625,959 | B2 | | 9/2003 | Gordon |
| 6,626,288 | B2 | | 9/2003 | Gordon |
| D480,968 | S | | 10/2003 | Atkins |
| 6,641,384 | B2 | | 11/2003 | Bosler |
| 6,647,696 | B2 | | 11/2003 | Gordon |
| 6,648,134 | B2 | | 11/2003 | Gordon |
| D482,985 | S | | 12/2003 | Bombeke |
| 6,688,487 | B2 | | 2/2004 | Oakes |
| D487,411 | S | * | 3/2004 | Bamminger ..... D11/90 |
| 6,737,008 | B2 | | 5/2004 | Gilbert |
| D492,901 | S | * | 7/2004 | Woods ..... D9/435 |
| 6,814,905 | B1 | | 11/2004 | Dalgewicz |
| 6,840,375 | B2 | | 1/2005 | Gordon |
| 6,846,533 | B2 | | 1/2005 | Wu |
| D502,050 | S | | 2/2005 | Munson |
| 6,874,649 | B2 | | 4/2005 | Clarke |
| 6,886,707 | B2 | | 5/2005 | Giraud |
| 6,889,860 | B2 | | 5/2005 | Mazzarolo |
| 6,907,702 | B2 | | 6/2005 | Gilbert |
| 6,910,599 | B2 | | 6/2005 | Tucker |
| 6,923,338 | B2 | | 8/2005 | Dees |
| 6,929,143 | B2 | | 8/2005 | Mazzarolo |
| 6,932,234 | B2 | | 8/2005 | Damato |
| 6,948,633 | B2 | | 9/2005 | Freek |
| 6,959,829 | B2 | | 11/2005 | Crider |
| 7,000,522 | B2 | | 2/2006 | Pfaff, Jr. |
| D516,910 | S | | 3/2006 | Bresler |
| D517,322 | S | | 3/2006 | Ze, I |
| 7,017,774 | B2 | | 3/2006 | Haedt |
| D519,374 | S | | 4/2006 | Hornke |
| D521,382 | S | | 5/2006 | Gross |
| D522,240 | S | | 6/2006 | Laval |
| 7,055,715 | B2 | | 6/2006 | Maravich |
| 7,063,224 | B2 | | 6/2006 | Clarke |

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|---|---|---|---|---|
| D525,869 | S * | 8/2006 | Tedford | D9/454 |
| D527,261 | S | 8/2006 | Manfred | |
| 7,100,787 | B2 | 9/2006 | Farnsworth | |
| 7,108,495 | B2 | 9/2006 | Gilbert | |
| D529,391 | S | 10/2006 | Glass | |
| D533,777 | S | 12/2006 | Hundley | |
| 7,144,619 | B2 | 12/2006 | Ramchandra | |
| 7,156,251 | B2 | 1/2007 | Smith | |
| 7,157,034 | B2 | 1/2007 | Bristow | |
| 7,159,732 | B2 | 1/2007 | Smith | |
| 7,169,855 | B2 | 1/2007 | Yamaguchi | |
| 7,175,042 | B2 | 2/2007 | Durdon | |
| 7,213,709 | B2 | 5/2007 | Moskovich | |
| D543,787 | S | 6/2007 | Wasserman | |
| 7,225,945 | B2 | 6/2007 | Crider | |
| 7,232,302 | B2 | 6/2007 | Marzona | |
| 7,246,714 | B2 | 7/2007 | Garg | |
| 7,255,391 | B2 | 8/2007 | Bristow | |
| 7,284,673 | B2 | 10/2007 | Habeger | |
| 7,284,676 | B2 | 10/2007 | Dantani | |
| D556,037 | S * | 11/2007 | D'Amato | D9/454 |
| D556,574 | S | 12/2007 | Hollis | |
| D559,105 | S * | 1/2008 | D'Amato | D9/454 |
| D560,120 | S | 1/2008 | Maravich | |
| 7,318,536 | B2 | 1/2008 | Maravich | |
| 7,318,563 | B2 | 1/2008 | Houts | |
| 7,328,791 | B1 | 2/2008 | Bosworth | |
| D564,354 | S | 3/2008 | Maravich | |
| 7,353,582 | B2 | 4/2008 | Mackenzie | |
| D569,245 | S | 5/2008 | Joshi | |
| D570,685 | S | 6/2008 | Koennecke | |
| D570,686 | S | 6/2008 | Hollis | |
| D572,587 | S | 7/2008 | Rush | |
| D574,231 | S | 8/2008 | Laval | |
| D574,238 | S | 8/2008 | Walker | |
| D574,290 | S | 8/2008 | Shah | |
| 7,413,698 | B2 | 8/2008 | Bearse | |
| D578,829 | S | 10/2008 | Freeman | |
| 7,455,006 | B2 | 11/2008 | Toth | |
| 7,464,831 | B2 | 12/2008 | Aiken | |
| 7,484,639 | B2 | 2/2009 | Maravich | |
| D588,002 | S * | 3/2009 | D'Amato | D9/454 |
| 7,513,382 | B2 | 4/2009 | Clarke | |
| 7,523,534 | B2 | 4/2009 | Mackenzie | |
| D591,476 | S | 5/2009 | Colman | |
| D592,952 | S | 5/2009 | Hundley | |
| D593,892 | S | 6/2009 | Schneider | |
| 7,549,559 | B2 | 6/2009 | Conroy | |
| D596,524 | S | 7/2009 | Schneider | |
| 7,591,389 | B2 | 9/2009 | Wong | |
| 7,611,660 | B2 | 11/2009 | Bosler | |
| 7,624,536 | B2 | 12/2009 | Schromm | |
| 7,628,946 | B2 | 12/2009 | Gandon | |
| 7,642,316 | B2 | 1/2010 | Rego | |
| 7,658,296 | B2 | 2/2010 | Van Handel | |
| 7,658,882 | B2 | 2/2010 | Minganti | |
| 7,676,909 | B2 | 3/2010 | Mackenzie | |
| 7,685,677 | B2 | 3/2010 | Garg | |
| D613,199 | S * | 4/2010 | Schneider | D11/90 |
| 7,691,302 | B2 | 4/2010 | Hollis | |
| D614,954 | S | 5/2010 | Crowell | |
| 7,754,299 | B2 | 7/2010 | Wu | |
| 7,762,213 | B2 | 7/2010 | Cook | |
| 7,784,641 | B2 | 8/2010 | Chou | |
| D624,413 | S | 9/2010 | Selina | |
| 7,819,271 | B2 | 10/2010 | Hollis | |
| 7,837,923 | B2 | 11/2010 | Bearse | |
| 7,845,510 | B2 | 12/2010 | Schmidtner | |
| 7,845,514 | B2 | 12/2010 | Rush | |
| 7,850,812 | B2 | 12/2010 | Sekar | |
| 7,866,502 | B2 | 1/2011 | Maxwell | |
| 7,874,449 | B1 | 1/2011 | Stephen | |
| 3,007,269 | A1 | 8/2011 | Melvin | |
| 7,992,741 | B2 | 8/2011 | Hundley | |
| 7,997,230 | B2 | 8/2011 | Cook | |
| 8,038,432 | B2 | 10/2011 | Mazzarolo | |
| 8,074,331 | B2 | 12/2011 | Voges | |
| 8,074,831 | B2 | 12/2011 | Walker | |
| 8,084,109 | B2 | 12/2011 | Gao | |
| 8,113,379 | B2 | 2/2012 | Cai | |
| 8,142,587 | B2 | 3/2012 | Sekar | |
| 8,142,599 | B2 | 3/2012 | Sekar | |
| 8,152,018 | B2 | 4/2012 | Smith | |
| 8,196,500 | B2 | 6/2012 | Mansfield | |
| 8,211,355 | B2 | 7/2012 | Otto | |
| 8,276,776 | B2 | 10/2012 | Roth | |
| 8,282,382 | B2 | 10/2012 | Mazzarolo | |
| 8,286,823 | B2 | 10/2012 | Purvey | |
| 8,287,270 | B2 | 10/2012 | Lee | |
| 8,308,884 | B2 | 11/2012 | Sekar | |
| 8,312,993 | B2 | 11/2012 | Sams | |
| 8,317,050 | B2 | 11/2012 | Hollis | |
| 8,348,053 | B2 | 1/2013 | Bellamah | |
| 8,418,871 | B1 | 4/2013 | Lamasney | |
| 8,430,268 | B2 | 4/2013 | Weiss | |
| D685,286 | S * | 7/2013 | Bhansali | D11/90 |
| 8,474,643 | B2 | 7/2013 | Hundley | |
| 8,486,211 | B2 | 7/2013 | Sekar | |
| 8,499,947 | B2 | 8/2013 | Trost | |
| 8,544,677 | B2 | 10/2013 | Selina | |
| D693,181 | S | 11/2013 | Chase | |
| D694,109 | S * | 11/2013 | Tanner | D9/453 |
| 8,573,400 | B1 | 11/2013 | Lamasney | |
| 8,592,014 | B2 | 11/2013 | Alvarez | |
| D695,612 | S | 12/2013 | Chou | |
| 8,616,405 | B2 | 12/2013 | French | |
| D696,940 | S | 1/2014 | Hale | |
| 8,623,261 | B2 | 1/2014 | Patkar | |
| 8,628,319 | B2 | 1/2014 | Mazzarolo | |
| 8,628,718 | B2 | 1/2014 | Li | |
| 8,632,831 | B2 | 1/2014 | Perry | |
| D699,619 | S | 2/2014 | Kothari | |
| 8,642,102 | B2 | 2/2014 | Field | |
| D700,513 | S | 3/2014 | Carsrud | |
| 8,662,880 | B2 | 3/2014 | Fowler | |
| 8,753,106 | B2 | 6/2014 | Lee | |
| 8,764,928 | B2 | 7/2014 | Sekar | |
| 8,771,451 | B2 | 7/2014 | Sekar | |
| 8,777,013 | B1 | 7/2014 | Jalindre | |
| 8,777,046 | B2 | 7/2014 | Mann | |
| 8,800,801 | B2 | 8/2014 | Freeman | |
| 8,895,092 | B1 | 11/2014 | Field | |
| 8,939,312 | B1 | 1/2015 | Buck | |
| D722,873 | S | 2/2015 | Wu | |
| 8,950,623 | B2 | 2/2015 | Fleming | |
| D726,025 | S | 4/2015 | Somers | |
| 9,034,231 | B2 | 5/2015 | Tabor | |
| D732,959 | S | 6/2015 | Branstad | |
| 9,051,106 | B2 | 6/2015 | Milano | |
| D734,894 | S * | 7/2015 | Schlatter | D9/559 |
| 9,078,535 | B1 | 7/2015 | Buck | |
| 9,102,446 | B2 | 8/2015 | Kowal | |
| 9,114,902 | B2 | 8/2015 | Temple, Jr. | |
| D737,689 | S | 9/2015 | Monteparo | |
| 9,144,464 | B2 | 9/2015 | Knowlton | |
| 9,156,950 | B2 | 10/2015 | Garralda | |
| D744,288 | S * | 12/2015 | Rosen | D7/584 |
| 9,199,776 | B1 | 12/2015 | Bruce | |
| D746,682 | S | 1/2016 | Trombetta | |
| D751,382 | S * | 3/2016 | Torrison | D9/416 |
| 9,278,787 | B2 | 3/2016 | Garg | |
| 9,352,886 | B2 | 5/2016 | Baillies | |
| D761,104 | S | 7/2016 | Buck | |
| 9,421,710 | B2 | 8/2016 | Drebes | |
| 9,474,420 | B2 | 10/2016 | Oakes | |
| 9,526,362 | B2 | 12/2016 | Wang | |
| 9,546,018 | B1 | 1/2017 | Vovan | |
| 9,561,885 | B1 | 2/2017 | Stephen | |
| 9,656,418 | B2 | 5/2017 | Pliers | |
| 9,669,992 | B2 | 6/2017 | Temple, Jr. | |
| D793,231 | S | 8/2017 | Langfelder | |
| D793,899 | S | 8/2017 | Tilbrook | |
| 9,717,651 | B2 | 8/2017 | Hohl | |
| 9,814,334 | B2 | 11/2017 | Eickhoff | |

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|---|---|---|---|---|
| 9,815,239 | B2 | | 11/2017 | Borse |
| 10,113,058 | B2 | | 10/2018 | Bockman |
| D838,590 | S | | 1/2019 | Lee |
| D838,591 | S | * | 1/2019 | Lee ..... D7/396.2 |
| D845,128 | S | * | 4/2019 | Eickhoff ..... D9/453 |
| 10,286,593 | B2 | | 5/2019 | Topolkaraev |
| D850,260 | S | * | 6/2019 | Eickhoff ..... D9/454 |
| D867,873 | S | | 11/2019 | Troudt |
| D876,233 | S | | 2/2020 | Pan |
| 10,570,263 | B2 | | 2/2020 | Wallis |
| 10,577,159 | B2 | | 3/2020 | Peng |
| D885,911 | S | * | 6/2020 | Silva ..... D9/456 |
| D885,912 | S | * | 6/2020 | Silva ..... D9/456 |
| D907,997 | S | * | 1/2021 | Eickhoff ..... D9/434 |
| D911,168 | S | * | 2/2021 | Eickhoff ..... D9/434 |
| 11,014,722 | B2 | | 5/2021 | Peng |
| 11,040,499 | B2 | * | 6/2021 | Eickhoff ..... B29C 69/001 |
| D930,476 | S | * | 9/2021 | Bontrager ..... D9/454 |
| D944,083 | S | | 2/2022 | Boggs |
| D945,264 | S | * | 3/2022 | Eickhoff ..... D9/449 |
| D953,161 | S | | 5/2022 | Tang |
| D955,160 | S | * | 6/2022 | Liu ..... D7/391 |
| 11,433,591 | B2 | * | 9/2022 | Eickhoff ..... B29C 51/44 |
| 11,548,701 | B2 | | 1/2023 | Peng |
| 2001/0001376 | A1 | | 5/2001 | Kneppe |
| 2002/0027139 | A1 | | 3/2002 | Oneill |
| 2002/0037378 | A1 | | 3/2002 | Littlejohn |
| 2002/0184985 | A1 | | 12/2002 | Ishibuchi |
| 2002/0189957 | A1 | | 12/2002 | Gordon |
| 2003/0062272 | A1 | | 4/2003 | Gordon |
| 2003/0089714 | A1 | | 5/2003 | Dart |
| 2003/0089726 | A1 | | 5/2003 | Mazzarolo |
| 2003/0114288 | A1 | | 6/2003 | Harding |
| 2003/0155353 | A1 | | 8/2003 | Tucker |
| 2003/0170460 | A1 | | 9/2003 | Sienkiewicz |
| 2003/0192890 | A1 | | 10/2003 | Mazzarolo |
| 2004/0011803 | A1 | | 1/2004 | Damato |
| 2004/0094553 | A1 | | 5/2004 | Crider |
| 2004/0101703 | A1 | | 5/2004 | Funaki |
| 2004/0134911 | A1 | | 7/2004 | Padovani |
| 2004/0144676 | A1 | | 7/2004 | Rider |
| 2004/0159080 | A1 | | 8/2004 | Stewart |
| 2004/0178199 | A1 | | 9/2004 | Stroup |
| 2004/0217033 | A1 | | 11/2004 | Gordon |
| 2004/0222226 | A1 | | 11/2004 | Gottainer |
| 2004/0245261 | A1 | | 12/2004 | Stanos |
| 2005/0037168 | A1 | | 2/2005 | Dalgewicz |
| 2005/0051442 | A1 | | 3/2005 | Gordon |
| 2005/0082177 | A1 | | 4/2005 | Weiss |
| 2005/0092749 | A1 | | 5/2005 | Durdon |
| 2005/0109780 | A1 | | 5/2005 | Pendergrass |
| 2005/0155969 | A1 | | 7/2005 | Clarke |
| 2005/0167294 | A1 | | 8/2005 | Swayne |
| 2005/0178766 | A1 | | 8/2005 | Washington |
| 2005/0210085 | A1 | | 9/2005 | Bessiere |
| 2005/0224505 | A1 | | 10/2005 | Brown |
| 2005/0230406 | A1 | | 10/2005 | Maravich |
| 2005/0263413 | A1 | | 12/2005 | Harman |
| 2005/0269328 | A1 | | 12/2005 | Crider |
| 2006/0071008 | A1 | | 4/2006 | Sadlier |
| 2006/0060589 | A1 | | 5/2006 | Lee |
| 2006/0096983 | A1 | | 5/2006 | Paiierson |
| 2006/0097516 | A1 | | 5/2006 | Kozlowski |
| 2006/0180028 | A1 | | 8/2006 | Burchard |
| 2006/0213908 | A1 | | 9/2006 | Clarke |
| 2006/0226148 | A1 | | 10/2006 | Hundley |
| 2006/0255038 | A1 | | 11/2006 | Hollis |
| 2007/0007298 | A1 | | 1/2007 | Tucker |
| 2007/0034629 | A1 | | 2/2007 | Mazzarolo |
| 2007/0062943 | A1 | | 3/2007 | Bosworth |
| 2007/0075080 | A1 | | 4/2007 | Farnsworth |
| 2007/0107578 | A1 | | 5/2007 | Koelsch |
| 2007/0246862 | A1 | | 10/2007 | Jones |
| 2008/0035681 | A1 | | 2/2008 | Skillin |
| 2008/0097516 | A1 | | 4/2008 | Chang |
| 2008/0105696 | A1 | | 5/2008 | Dart |
| 2008/0197134 | A1 | | 8/2008 | Maxwell |
| 2008/0230176 | A1 | | 9/2008 | Van De Weijer |
| 2008/0245792 | A1 | | 10/2008 | Chou |
| 2009/0026219 | A1 | | 1/2009 | Bal |
| 2009/0223961 | A1 | | 9/2009 | Wang |
| 2009/0266829 | A1 | | 10/2009 | Bailey |
| 2009/0272742 | A1 | | 11/2009 | Dybala |
| 2009/0308882 | A1 | | 12/2009 | Hundley |
| 2009/0313956 | A1 | | 12/2009 | Martinez Sampedro |
| 2010/0037780 | A1 | | 2/2010 | Pas |
| 2010/0255137 | A1 | | 10/2010 | Mazzarolo |
| 2010/0282400 | A1 | | 11/2010 | Sekar |
| 2011/0011863 | A1 | | 1/2011 | Hollis |
| 2011/0062173 | A1 | | 3/2011 | Trotter |
| 2011/0089187 | A1 | | 4/2011 | Steiger |
| 2011/0124817 | A1 | | 5/2011 | Dias |
| 2011/0272318 | A1 | | 11/2011 | Gallop |
| 2011/0284564 | A1 | | 11/2011 | Hsieh |
| 2011/0297573 | A1 | | 12/2011 | Chen |
| 2012/0024871 | A1 | | 2/2012 | Hundley |
| 2012/0048856 | A1 | | 3/2012 | Walker |
| 2012/0097690 | A1 | | 4/2012 | Chien |
| 2012/0113488 | A1 | | 5/2012 | Machida |
| 2012/0132699 | A1 | | 5/2012 | Mann |
| 2012/0261417 | A1 | | 10/2012 | Tabor |
| 2012/0272622 | A1 | | 11/2012 | Weiss |
| 2013/0020338 | A1 | | 1/2013 | French |
| 2013/0037558 | A1 | | 2/2013 | Selina |
| 2013/0142975 | A1 | | 6/2013 | Wallace |
| 2013/0277380 | A1 | | 10/2013 | Koestring |
| 2014/0072674 | A1 | | 3/2014 | Holinda, Jr. |
| 2014/0224805 | A1 | | 8/2014 | Merbach |
| 2014/0238583 | A1 | | 8/2014 | Sekar |
| 2014/0238584 | A1 | | 8/2014 | Sekar |
| 2014/0263378 | A1 | | 9/2014 | Bolek |
| 2014/0284344 | A1 | | 9/2014 | French |
| 2014/0325715 | A1 | | 10/2014 | Wendeln |
| 2015/0014090 | A1 | * | 1/2015 | Masor ..... G10K 15/04 181/211 |
| 2015/0094406 | A1 | | 4/2015 | Miley |
| 2015/0191282 | A1 | | 7/2015 | Crudgington |
| 2015/0216342 | A1 | | 8/2015 | Tabor |
| 2015/0251818 | A1 | | 9/2015 | Strachan |
| 2015/0337059 | A1 | | 11/2015 | Guylaine |
| 2015/0344647 | A1 | | 12/2015 | Maeda |
| 2015/0367566 | A1 | | 12/2015 | Schwab |
| 2016/0000243 | A1 | | 1/2016 | Tedford, Jr. |
| 2016/0000269 | A1 | | 1/2016 | Van Puijenbroek |
| 2016/0016389 | A1 | | 1/2016 | Dias |
| 2016/0016702 | A1 | | 1/2016 | Siskindovich |
| 2016/0058223 | A1 | | 3/2016 | Savenok |
| 2016/0075487 | A1 | | 3/2016 | Lin |
| 2016/0081280 | A1 | | 3/2016 | Moore |
| 2016/0090218 | A1 | | 3/2016 | Sun |
| 2016/0107786 | A1 | | 4/2016 | Lin |
| 2016/0137364 | A1 | | 5/2016 | Pirrella |
| 2016/0160004 | A1 | | 6/2016 | Skaggs |
| 2016/0167855 | A1 | | 6/2016 | Umbarger |
| 2016/0318686 | A1 | | 11/2016 | Russell |
| 2016/0355327 | A1 | | 12/2016 | Minganti |
| 2017/0008187 | A1 | | 1/2017 | Iwai |
| 2017/0029189 | A1 | | 2/2017 | Sanders |
| 2017/0043913 | A1 | | 2/2017 | Strachan |
| 2017/0121089 | A1 | | 5/2017 | Gillblad |
| 2017/0137159 | A1 | | 5/2017 | Sullivan |
| 2018/0022012 | A1 | | 1/2018 | Rapparini |
| 2018/0050826 | A1 | | 2/2018 | Hartman |
| 2018/0127161 | A1 | | 5/2018 | Smith |
| 2018/0133919 | A1 | | 5/2018 | Waterman |
| 2018/0290798 | A1 | * | 10/2018 | Peng ..... B65D 51/245 |
| 2019/0039328 | A1 | * | 2/2019 | Eickhoff ..... B29C 69/02 |
| 2020/0029712 | A1 | | 1/2020 | O'Nan |
| 2020/0055640 | A1 | | 2/2020 | Lee |
| 2020/0247034 | A1 | * | 8/2020 | Eickhoff ..... B29C 51/225 |
| 2020/0247967 | A1 | * | 8/2020 | Peng ..... C08J 5/18 |
| 2021/0047083 | A1 | | 2/2021 | Eickhoff |

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|---|---|---|---|---|
| 2021/0253318 | A1* | 8/2021 | Waterman | B29C 49/04 |
| 2022/0041341 | A1 | 2/2022 | Eickhoff | |
| 2022/0097925 | A1 | 3/2022 | Baird | |

FOREIGN PATENT DOCUMENTS

| | | | |
|---|---|---|---|
| CN | 99813014 | | 9/1999 |
| DE | 20116771 | U1 | 12/2001 |
| DE | 20301404 | U1 | 4/2003 |
| DE | 202016006730 | U1 | 2/2018 |
| EP | 0934893 | A1 | 8/1999 |
| EP | 1319493 | A1 | 6/2003 |
| EP | 1464458 | B1 | 10/2004 |
| EP | 1208958 | B1 | 1/2006 |
| EP | 1837138 | B1 | 9/2007 |
| FR | 2484903 | A1 | 12/1981 |
| JP | H09171322 | A | 6/1997 |
| JP | 11040499 | A | 2/1999 |
| JP | 2002104686 | A | 4/2002 |
| JP | 2002210616 | A | 7/2002 |
| JP | 2002210818 | A | 7/2002 |
| JP | 2002241514 | A | 8/2002 |
| JP | 2004025802 | A | 1/2004 |
| JP | 2004106519 | A | 4/2004 |
| WO | 1999017923 | A1 | 4/1999 |
| WO | 0018662 | | 4/2000 |
| WO | 0018663 | | 4/2000 |
| WO | 0185575 | | 11/2001 |
| WO | 03011716 | | 2/2003 |
| WO | 2004014776 | | 2/2004 |
| WO | 2005013247 | A1 | 2/2005 |
| WO | 2010018749 | A1 | 2/2010 |
| WO | 2011149583 | A2 | 12/2011 |

OTHER PUBLICATIONS

DART Hot/Cold Cup Lid: Site Visited (Nov. 30, 2022). Available from URL: https://www.grainger.com/product/1UCV4?gucid=N:N:PS:Paid:GGL:CSM-2295:4P7A1P:20501231&gclid=EAIaIQobChMIps6Jzu7W-wlVIYXICh0npwZYEAkYCyABEgKSkfD_BwE&gclsrc=aw.ds.*
Dixie Long-Skirt Selector Lid: Site Visited (Nov. 30, 2022). Available from URL: https://caljaninc.com/catalog/p/DXE-914LSRD/Dixie-Long-Skirt-Selector-Lid-For-12-16-21-oz/.*
European Search Report for European App. No. 20753137.7 dated Sep. 1, 2022, BP-534 EP ||, 6 pages.
Office Action dated Aug. 26, 2022 for U.S. Appl. No. 29/765,808, BP-538 US-DES-DIV1 || (pp. 1-5).
European Search Report for European App. No. 20753051.0 dated Sep. 23, 2022, BP-535 EP ||, 15 pages.
Office Action (Non-Final Rejection) dated Oct. 5, 2022 for U.S. Appl. No. 17/550,292 (pp. 1-13).
International (PCT) Search Report and Written Opinion for PCT/US2022/035911 dated Oct. 5, 2022, BP-572 PCT ||, 8 pages.
Third Chinese Office Action for Chinese App. No 201880065303.8 dated Jan. 5, 2023, BP-516 CN ||, 12 pages.
Black Plastic Straw: Announced (May 19, 2022; online). Site Vistied (Dec. 17, 2022). Available from URL: https:// www.restaurantware.com/disposables/coffee-cups-accessories/coffee-cup-lids/black-plastic-2-in-1-straw-or-sip-coffee-cup-lid-fits-8- 12-16-and-20-oz-100-count-box/.
Black Flip Top Hot Cup Lid: Announced (Sep. 9, 2020 (online)). Site Visited (Dec. 17, 2022). Available from URL: https://hotcupfactory.com/collections/hot-cup-lids/products/black-flip-top-hot-cup-lids-8-10-12-16-20-22-oz.
English translation of JP-2004025802-A by EPO (OA Appendix) (Year: 2004).
English translation of JP-2002210818-A by EPO (OA Appendix) (Year: 2002).
Office Action dated Dec. 8, 2022 for U.S. Appl. No. 29/843,256, BP-538 US-DES-CON || (pp. 1-8).
Supplementary European Search Report for European App. No. 20753051.0 dated Jan. 3, 2023, BP-535 EP ||, 13 pages.
European Examination Report for EP 18780978.5 dated Nov. 25, 2022, BP-513 EP ||, 5 pages.
International (PCT) Preliminary Report on Patentability dated Feb. 7, 2023, BP-554B PCT ||, 10pages.
Polymer Properties of Omnexus - Haze (https://web.archive.0rg/web/20170519201652/https://omnexus.specialchem. com/ polymer-properties/properties/haze, available in public at least on or after May 19, 2017) (Year: 2017).
Mpact Plastics Blog (http://blog.impactplastics-ct.com/blog/basic-guide-to-the-three-main-grades-of-polypropylene-esin, available in public from the date May 16, 2017) (Year: 2017).
Canadian Filing of Prior Art Under Section 34.1(1) of the Canadian Patent Act by Third Party, Aug. 7, 2020, BP-516 Da || (5723-314690), 20 pages.
Chartier Octagonal Wall Modem and Contemporary Accent Mirror: Site Visited [Sep. 14, 2020. Available from ntemet URL: https://www.wayfair.com/decor-pillows/pdp/eichholtz-chartier-octagonal-wall-modem-and-contemporary-accent-mirror-eitz2666.html.
Nathan Wall Mounted Mirror: Announced Jul. 2, 2020 [online]. Site Visited [Sep. 14, 2020], Available from ntemet URL: https://www.wayfair.com/decor-pillows/pdp/house-of-hampton-nathan-wall-mounted-mirror-hmpt5079. ntml.
Office Action dated Dec. 30, 2020 for U.S. Appl. No. 15/172,650, BP-109 US-Con || (pp. 1-24).
International (PCT) Search Report and Written Opinion for PCT/US20/46469 dated Nov. 30, 2020, BP-558 PCT ||, 9 pages.
European Search Report for European App. No. 18780978.5 dated Jan. 28, 21, BP-513 EP ||, 8 pages.
European Search Report for European App. No. 18844658.7 dated Apr. 4, 21, BP-516 Ep ||, 11 pages.
Office Action dated Jul. 1, 2021 for U.S. Appl. No. 15/172,650, BP-409 (pp. 1-6).
First Chinese Office Action for Chinese Patent App. No. 20180065303.8 dated Jun. 15, 2021, BP-516 CN ||, 12 pages.
European First Substantive Examination Report for European App. No. 18780978.5 dated Aug. 24, 21, BP-513 EP ||, 4 pages.
Office Action dated Nov. 23, 2021 for U.S. Appl. No. 16/782,203, BP-535 US-U || (pp. 1-36).
"Polymers and Environment," by Ojeda, available at https://www.intechopen.com/chapters/42104, published on Jan. 23, 2013. (Year: 2013).
Office Action dated Jan. 14, 2022 for U.S. Appl. No. 29/761,992, BP-531 US-DES-DIV ||, (pp. 1-8).
Octagonal Wall Mirror: Announced Aug. 26, 2019 [online]. Site Visite [Jan. 10, 2022. Available from Internet URL: https://www.wayfair.com/decor-pillows/pdp/house-of-hampton-nathan-wall-mounted-mirror-hmpt5079.html, 16 pages.
International (PCT) Search Report and Written Opinion for PCT/US21/44766 dated Jan. 11, 2022, BP-554B PCT ||, 14 pages.
Second Chinese Office Action for Chinese Patent App. No. 20180065303.8 dated Jun. 24, 22, BP-516 CN ||, 9 pages.
Thermoform Spill Resistant Flat Lid: Site Visited [Feb. 15, 2022], Available from Internet URL: https://catalog.berryglobal.com/ products/lid/liddrink/dlt408srcp.
Office Action dated Feb. 22, 2022 for U.S. Appl. No. 29/765,808, BP-538 US-DES1 || (pp. 1-8).
Chinese Rejection Decision for Chinese Patent App. No. 20180065303.8 dated May 27, 22, BP-516 CN ||, 12 pages.
International Search Report for PCT/US06/32565, dated May 24, 2007.
Supplementary European Search Report dated Apr. 6, 2009, for European Patent Application No. 05735742.8.
International Search Report and Written Opinion dated Jul. 9, 2008, for PCT/US2008/054888.
Supplementary European Search Report dated Jul. 28, 2008, for European Patent Application No. 06813520.1.
International Search Report and Written Opinion for International Application No. PCT/US2014/006277, Jul. 15, 2014, 8 pages.

(56) **References Cited**

OTHER PUBLICATIONS

Notice of Non-Final Rejection for U.S. Appl. No. 13/448,050, dated Oct. 8, 2014, 13 pages.
Notice of Non-Final Rejection for U.S. Patent Application No. 13/554,771, dated Jun. 7, 2013, 14 pages.
Notice of Non-Final Rejection for U.S. Appl. No. 14/214,236, dated Oct. 3, 2014, 10 pages.
PCT International Search Report and Written Opinion completed by the ISA/US dated Jun. 19, 2014 and issued in connection with PCT/US2014/027067.
Chinse Office Action for Chinese Patent Application 201480010419.3 dated Jul. 19, 2016, BP-409 ||, 8 pages.
Extended European Search Report for European Patent Application No. 14768275.1, dated Sep. 14, 2016, BP-409 EP ||, 7 pages.
Office Action dated Sep. 30, 2016 for U.S. Appl. No. 14/214,236.
Chinese Office Action for Chinese App. No. 201480010419.3 dated Dec. 22, 2016, BP-109 ||, 4 cages.
Office Action dated Apr. 3, 2017 for U.S. Appl. No. 14/921,540; BP-467 ||.
Australian Search Report for Australian App. No. 2014240016 dated Mar. 17, 2017, BP-409 AU ||, 3 pages.
Office Action dated May 15, 2017 for U.S. Appl. No. 14/214,236; ||.
Singapore Written Opinion for Singapore Patent App. No. 11201507343Y dated Sep. 6, 2017, BP-409 SG ||, 6 pages.
Office action dated Jun. 14, 2017 for U.S. Appl. No. 14/921,540; (pp. 1-8).
Australian Search Report for Australian App. No. 2014240016 dated Aug. 25, 2017, BP-409 AU ||, 3 pages.
Office Action dated Oct. 6, 2017 for U.S. Appl. No. 15/485,299; (pp. 1-5).
Japanese Office Action for Japanese App. No. 2016-502328 dated Oct. 3, 2017, BP-409 JP ||, 11 pages.
Office Action dated Jan. 16, 2018 for U.S. Appl. No. 14/214,236; || (pp. 1-13).
Russian Office Action and Search Report for Russian App. No. 2015134775 dated Mar. 13, 2018, BP-409 RU ||, 10 pages.
Japanese Office Action for Japanese App. No. 2016-502328 dated Mar. 6, 2018, BP-409 JP ||, 4 pages.
Emvato Tuts+. Create a Set of Flat Precious Gems Icons in Adobe Illustrator by Yulia Sokolova. Apr. 9, 2014 [earliest inline date], [ site visited Feb. 22, 2018]. Available from Internet, <URL:https://design.tutsplus.com/tutorials/ create-a-set-of-flat-precious-gems-icons-in-adobe-illustrator-vector-26188>. (Year: 2014), 77 pages.
Office Action dated Apr. 4, 2018 for U.S. Appl. No. 29/599,942 (pp. 1-5).
Infinity Blade Wiki. Hexagon gem. Nov. 17, 2013 [earliest online date], [site visited Feb. 22, 18], Available from Internet, <URL:http://infinityblade.wikia.conn/wiki/Hexagon gem> (Year: 2013), 1 page.
Office Action dated Apr. 4, 2018 for U.S. Appl. No. 29/599,948 (pp. 1-5).
Office Action dated Apr. 16, 2018 for U.S. Appl. No. 15/485,299, BP-349 US-CON1 ||, (pp. 1-4).
Office Action dated Jul. 10, 2018 for U.S. Appl. No. 15/172,650, BP-409 US-CON || (pp. 1-9).
Office Action dated Jul. 5, 2018 for U.S. Appl. No. 29/599,942, BP-514 US-D || (pp. 1-4).
Togspot. The Herman Letters. Jul. 12, 2011 [earliest online date], [site visited Jul. 23, 2018], Available from Internet, <URL: http://theherrnanletters.blogspot.com/2011/07/ipost-190-is-mcdonalds-selling-p.html> (Year: 2011).
Office Action dated Jul. 27, 2018 for U.S. Appl. No. 29/599,948, BP-515 US-DES || (pp. 1-5).
Office Action dated Nov. 30, 2018 for U.S. Appl. No. 29/599,948, BP-515 US-DES ||, (pp. 1-5).
Office Action dated Jan. 7, 2019 for U.S. Appl. No. 15/172,650, BP-409 US-CON1 ||, (pp. 1-9).
International (PCT) Search Report and Written Opinion for PCT App. No. PCT/US18/264467 dated Jul. 3, 2018, BP-513 PCT ||, 11 pages.
International (PCT) Search Report and Written Opinion for PCT/US18/45575 dated Oct. 19, 2018, BP-516 PCT ||, 13 pages.
Office Action dated Sep. 12, 2019 for U.S. Appl. No. 15/946,023, BP-513 US-U || (pp. 1-15).
First Examination Report for Indian App. No. 8804/DELNP/2015 dated Oct. 30, 2019, BP-409 IN ||, 6 pages.
Office Action dated Mar. 19, 2020, for U.S. Appl. No. 15/172,650, BP-409 US-CON1 || (pp. 1-11).
Office Action dated Mar. 19, 2020, for U.S. Appl. No. 15/172,650 (pp. 1-11).
Third Party Submission Under 37 CFR 1.290 in U.S. Appl. No. 16/057,122, dated Apr. 16, 2020, BP-516 US-U ||, 49 pages.
Solo 668NS: Site Visited [Apr. 30, 2020]. Available from Internet URL: https://www.dartcontainer.com/products/foodservice-catalog/accessories/lids/solo-pet-plastic-flat-cold-cup-lids/668ns/ 1/2.
Single Use Spill REsistant Flat Lid_Berry Global: Site Visited [Apr. 30, 2020]. Available from Internet URL: https://catalog.berryglobal.com/products/lid/liddrink/dlt308srcp.
Thermoform Strawless Lid with Straw Slot_Berry Global: Site Visited [Apr. 30, 2020]. Available from Internet URL https://catalogberryglobal .com/products/lid/liddrink/dlt402ssl p.
International Search Report and Writen Opinion dated Apr. 29, 2020, BP-535 PCT ||, 11 pages.
International (PCT) Search Report and Written Opinion for PCT/2020/016769 dated May 27, 2020, BP-534 PCT ||, 12 pages.
Office Action dated Aug. 6, 2020 for U.S. Appl. No. 16/736,849, BP-513 US-CON || (pp. 1-18).
Office Action dated Aug. 20, 2020 for U.S. Appl. No. 16/057,122, BP-516 US-U || (pp. 1-20).
Polymer Properties of Omnexus—Transparency (https://web.archive.org/web/20170406012756/https://omnexus.specialchem.com/ polymer-properties/properties/transparency, available in public at least on or after Apr. 6, 2017) (Year: 2017).
Office Action (Non-Final Rejection) dated Mar. 16, 2023 for U.S. Appl. No. 16/782,165, BP-534 US-U ||(pp. 1-14).
Office Action dated Apr. 13, 2023 for U.S. Appl. No. 29/798,668, BP-572 US-U ||, (pp. 1-9).

* cited by examiner

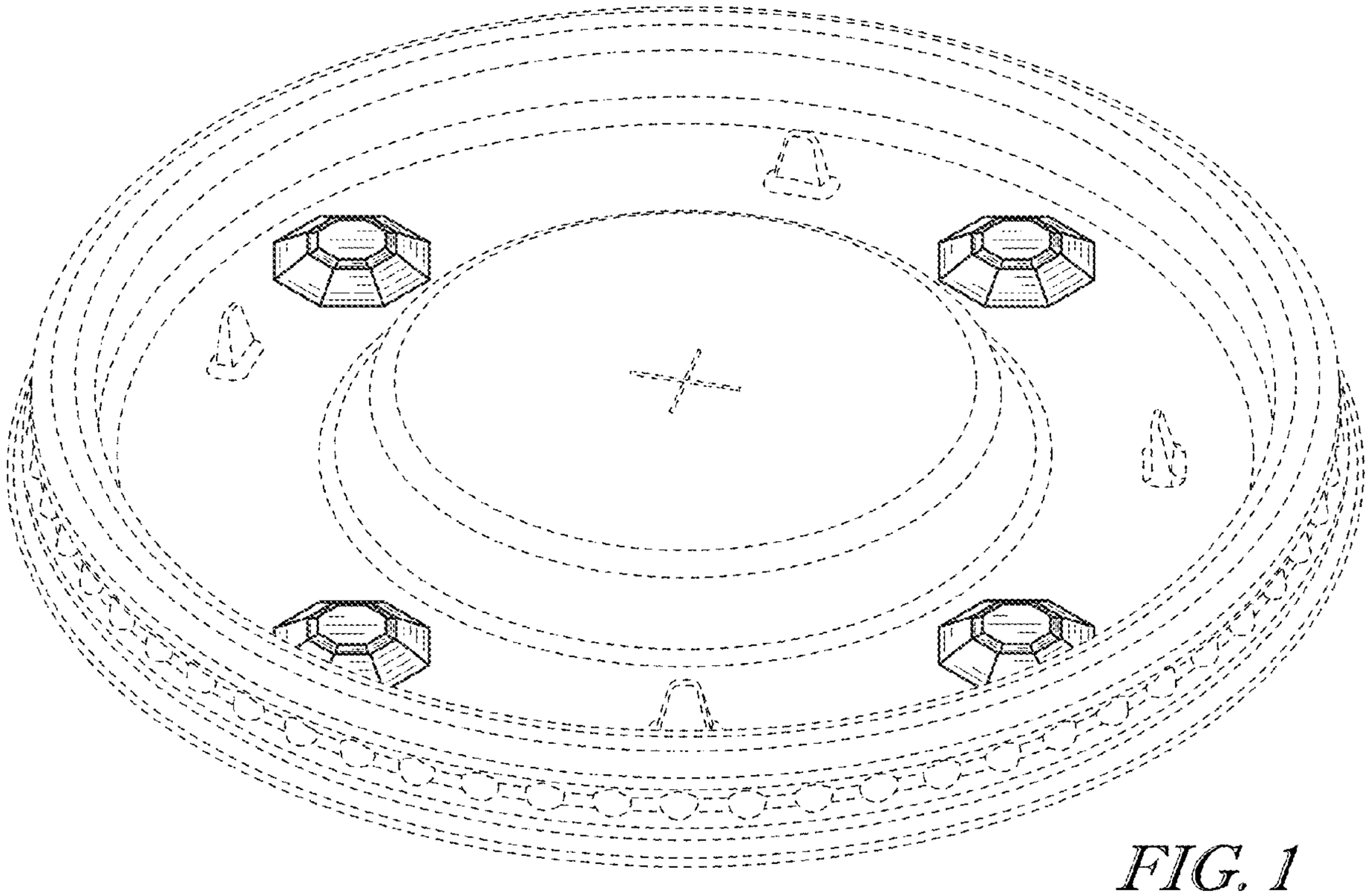


FIG. 1

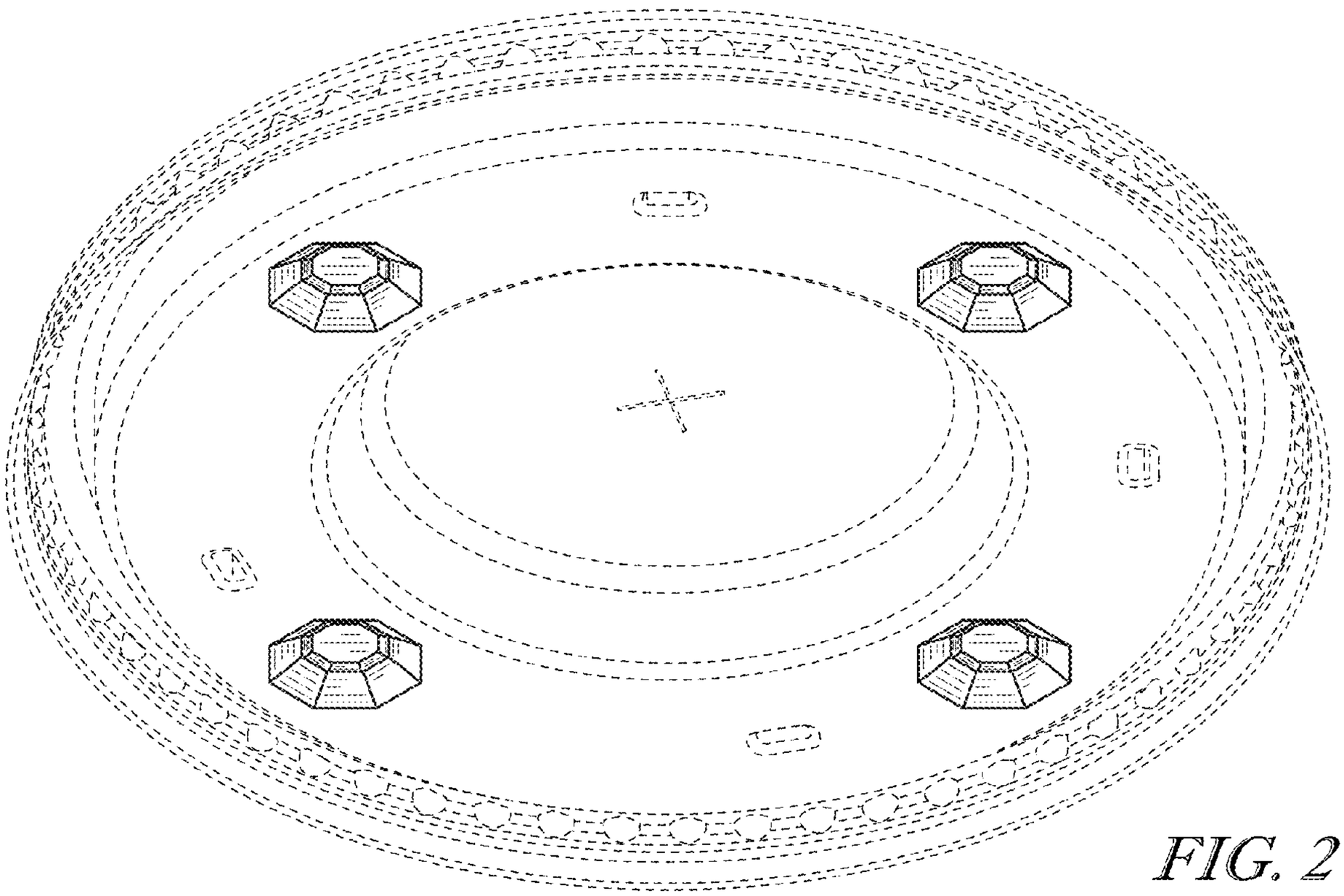


FIG. 2

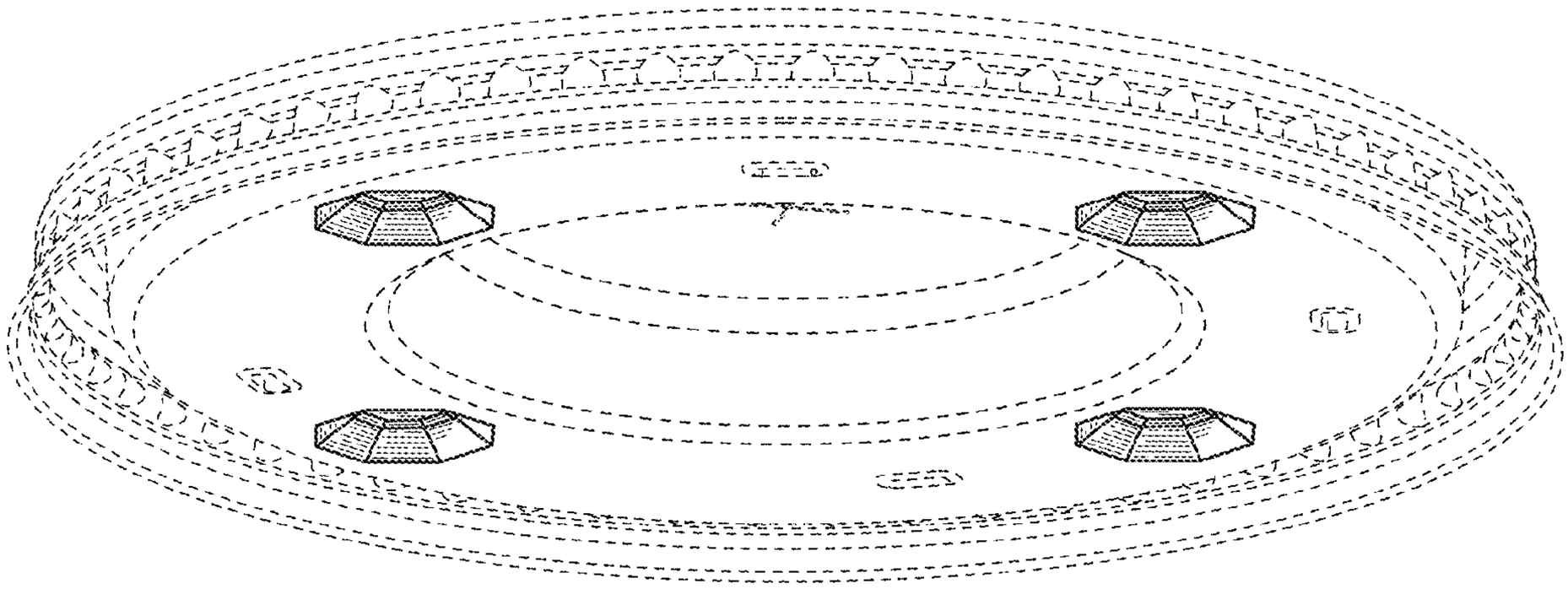


FIG. 3

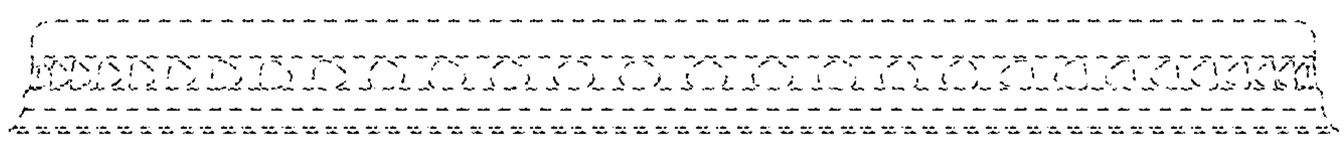


FIG. 4

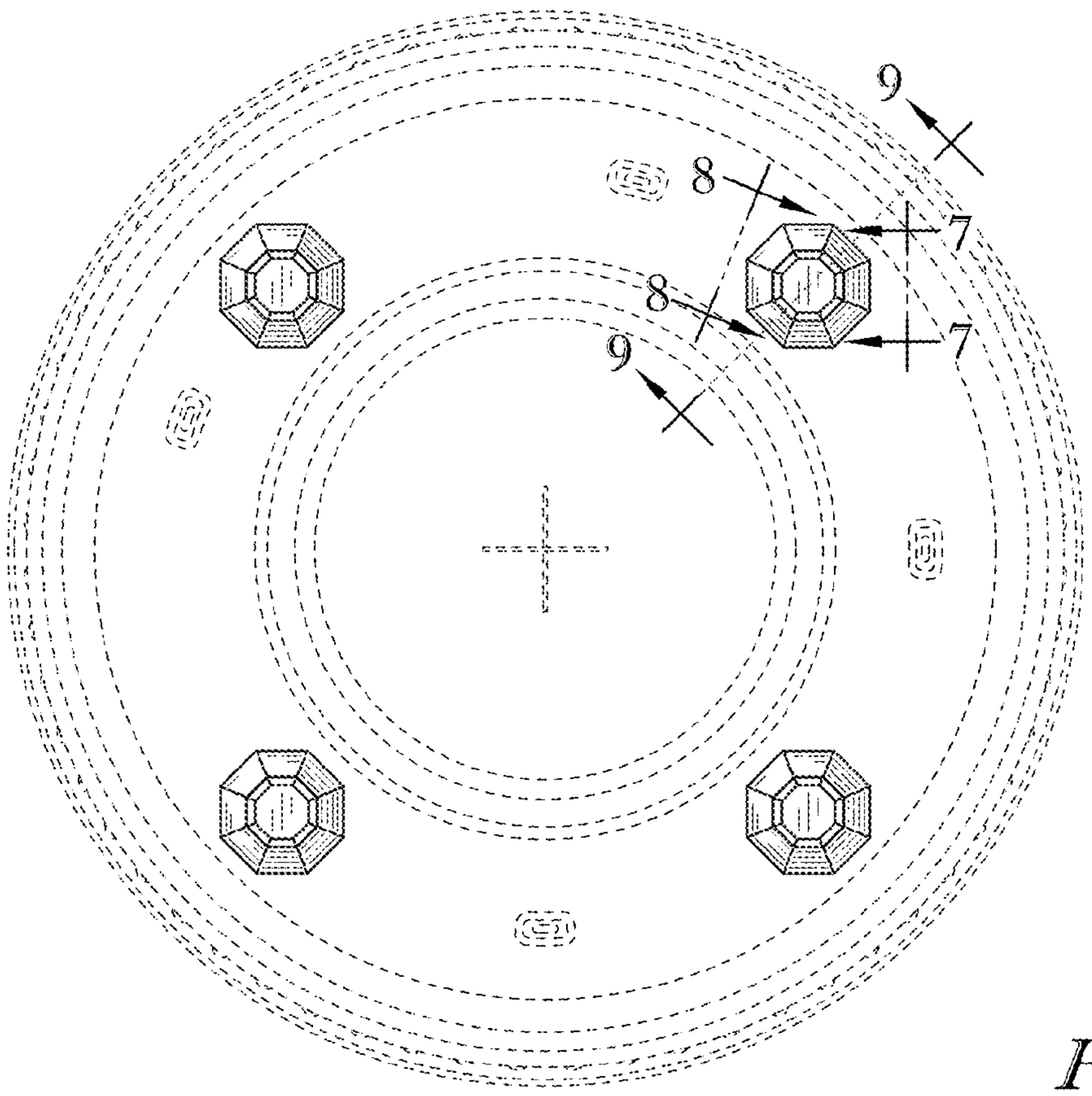



FIG. 5

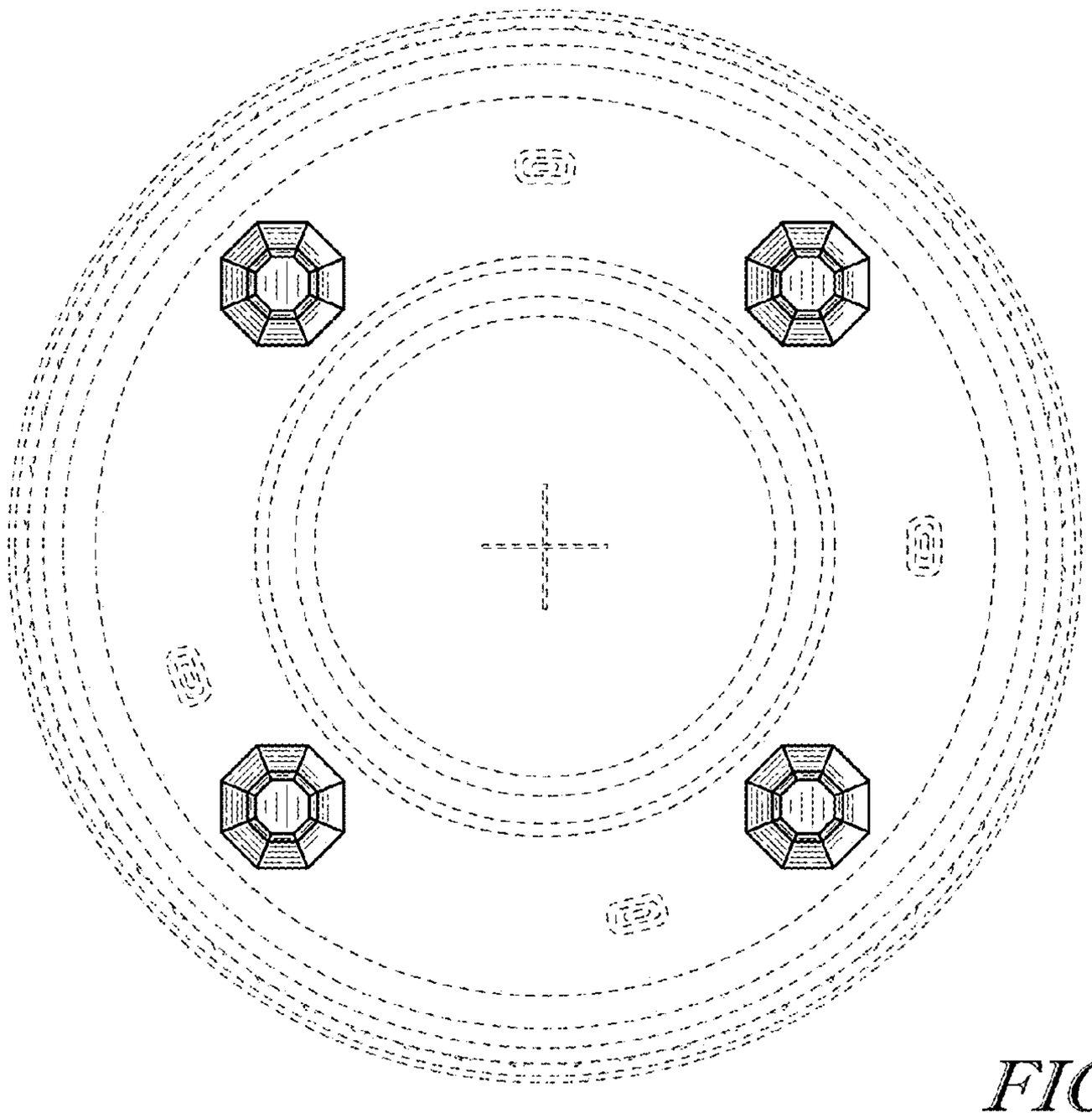


FIG. 6

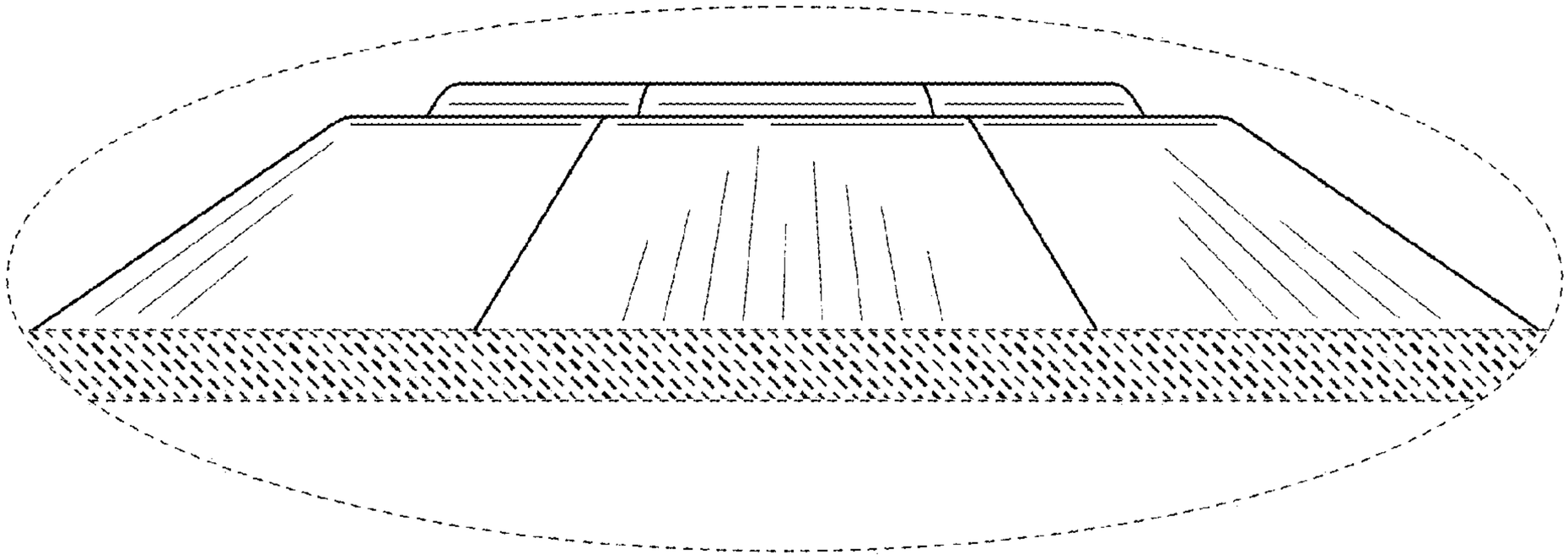


FIG. 7

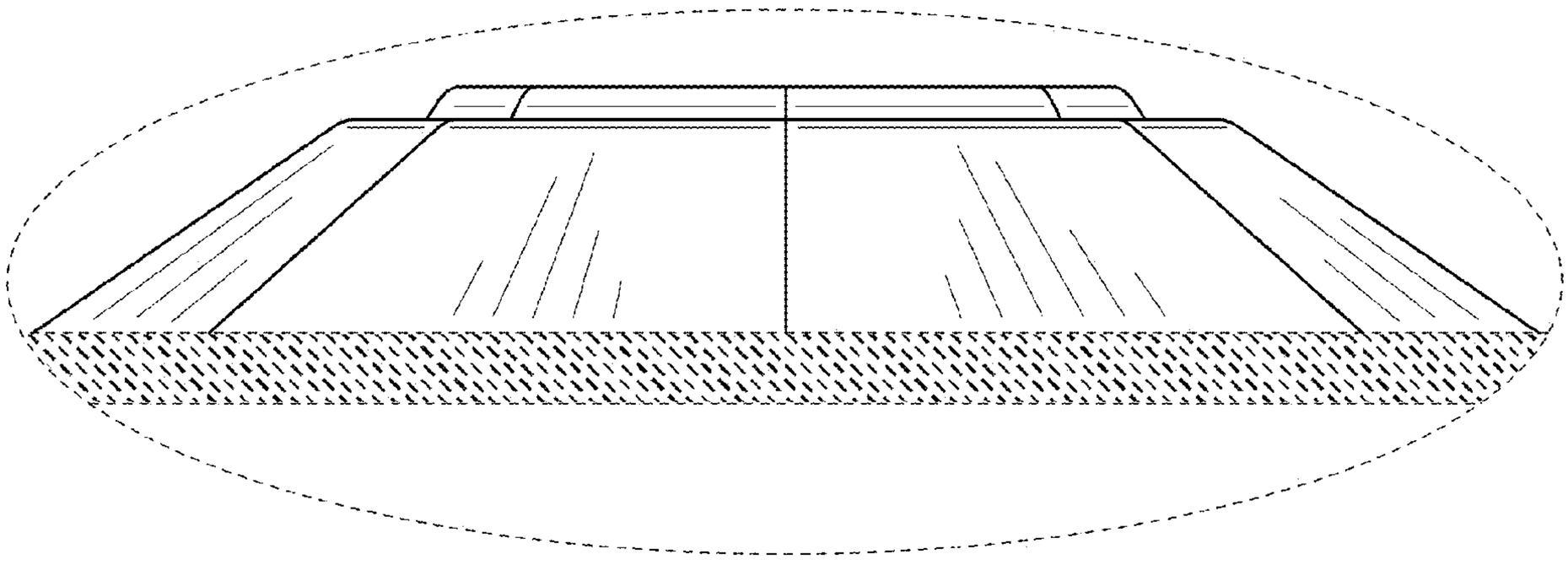


*FIG. 8*

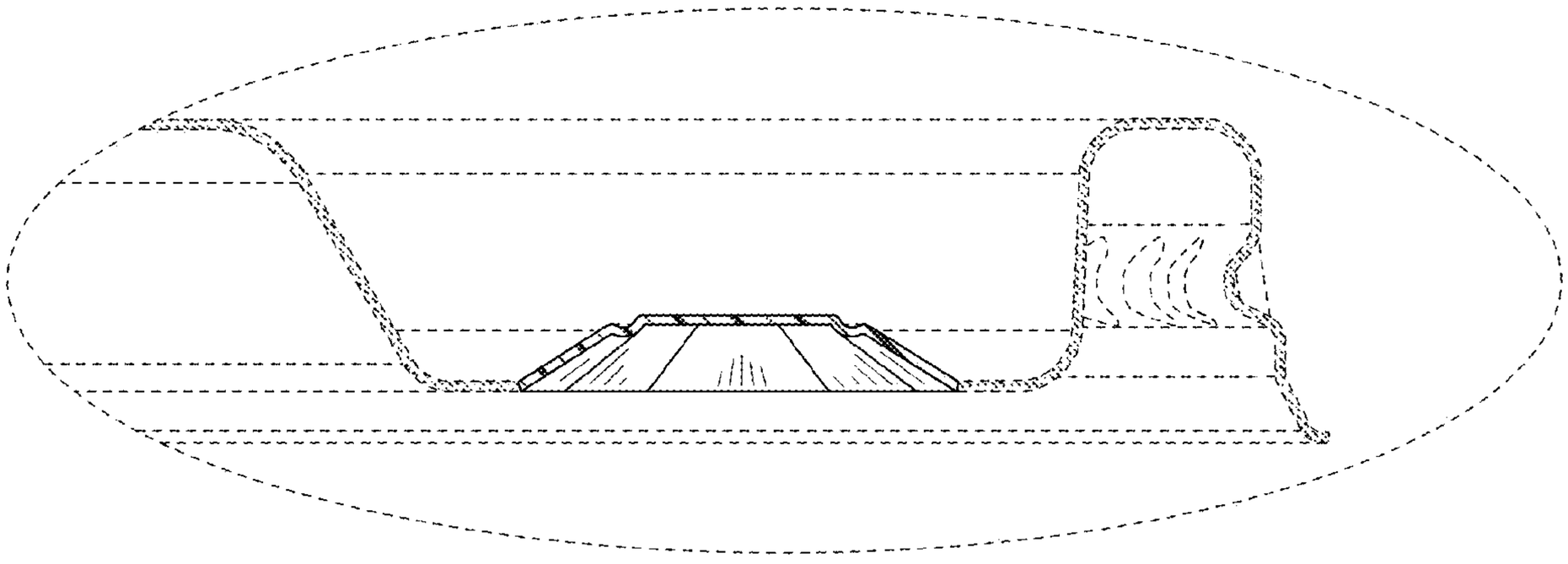


FIG. 9