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

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(54) **HUMMINGBIRD FEEDER**
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D65,098 S 7/1924 Brewster
D65,338 S 7/1924 Horn
1,525,561 A 2/1925 Baird

(Continued)

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FOREIGN PATENT DOCUMENTS

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(52) **U.S. Cl.**

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(58) **Field of Classification Search**

USPC D30/121, 124, 127, 128, 133, 114, 115,
D30/116, 117, 118, 119, 125, 126;
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43/2, 131; 47/86, 65, 65.5, 67, 39,
47/41.12, 79; 426/1, 439, 556; D11/121,
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D7/356; 156/256, 263; 66/170; 99/372,
99/377, 403; 425/318, 395, 404; 248/175,
248/27.8; 211/85.31, 88.03, 23; 362/122,
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See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a hummingbird feeder, as shown and described.

DESCRIPTION

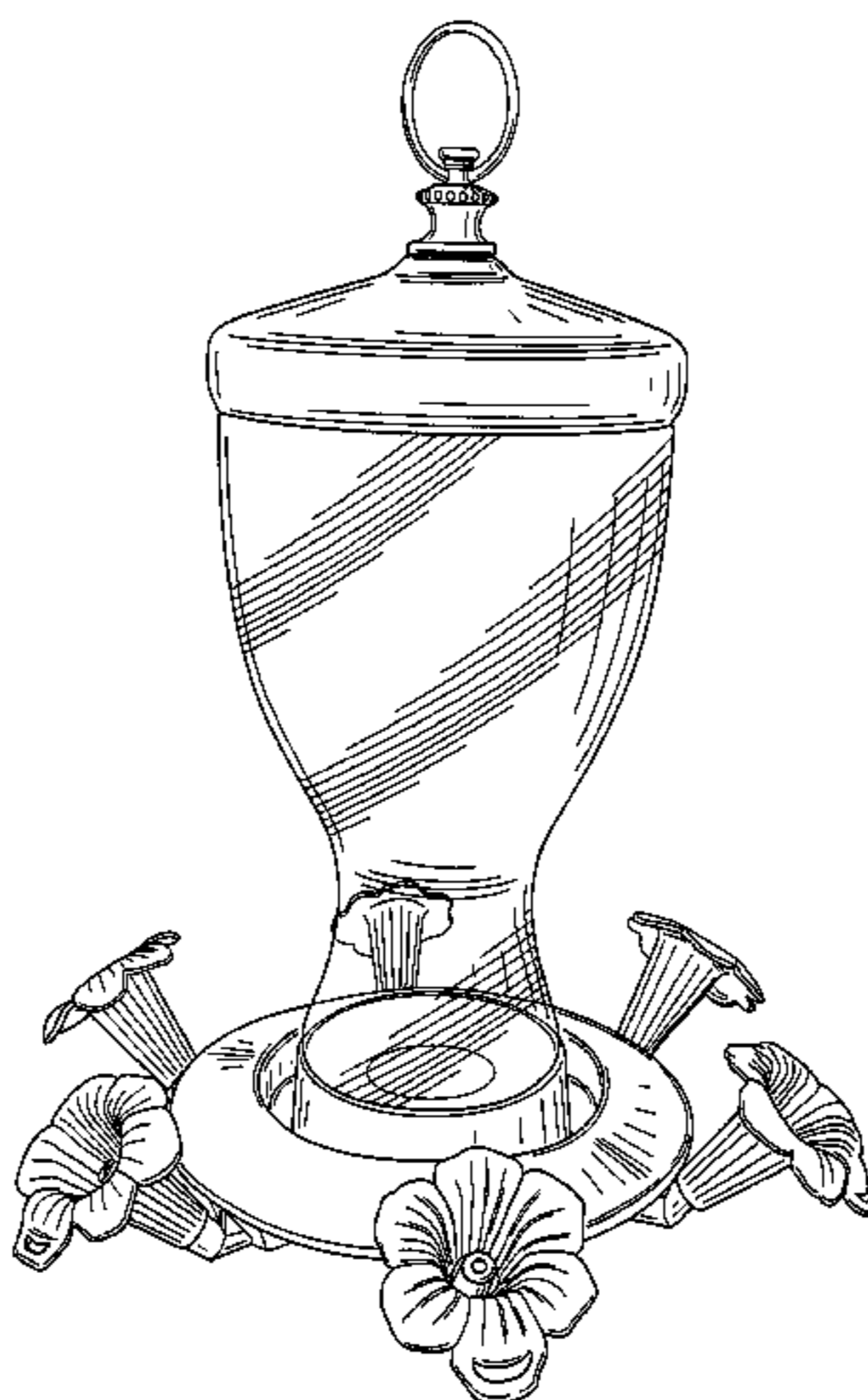
FIG. 1 is a perspective view of a hummingbird feeder in accordance with the present invention, wherein a perspective view from the opposite side is substantially a mirror image of FIG. 1;
FIG. 2 is a front elevation view of the hummingbird feeder of FIG. 1;
FIG. 3 is a rear elevation view of the hummingbird feeder of FIG. 1;
FIG. 4 is a right elevation view of the hummingbird feeder of FIG. 1;
FIG. 5 is a left elevation view of the hummingbird feeder of FIG. 1;
FIG. 6 is a top plan view of the hummingbird feeder of FIG. 1; and,
FIG. 7 is a bottom plan view of the hummingbird feeder of FIG. 1.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D10,260 S 9/1877 Hicks
D12,894 S 4/1882 Norse
290,135 A 12/1883 Stewart
324,757 A 8/1885 Dunham
D21,281 S 1/1892 Roe
D22,171 S 1/1893 Steffin
516,600 A * 3/1894 Higgins 119/77
D33,072 S 8/1900 Havilland
D37,243 S 11/1904 Helmschmied
D48,432 S 1/1916 Bagnulo
1,372,371 A 3/1921 Ross

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D69,894 S	4/1926	Kopp		3,292,589 A *	12/1966	Williams	119/77
D70,790 S	8/1926	Grunberg		3,292,840 A	12/1966	Schmidt	
D71,116 S	9/1926	Paye		3,301,217 A	1/1967	Prowinsky	
D71,830 S	1/1927	Fields		3,301,220 A	1/1967	Queen	
1,632,850 A *	6/1927	Raymond	362/255	D207,781 S	5/1967	Lowe, Jr.	
1,839,073 A	12/1931	Wright		D211,887 S	8/1968	Dearling	
D91,398 S	1/1934	Poppenhauser		3,399,650 A	9/1968	Goodman	
D94,913 S	3/1935	Kogan		3,400,890 A	9/1968	Gould	
D95,019 S	4/1935	Cooperstein		3,441,032 A *	4/1969	Barrett	132/275
2,046,854 A	7/1936	Simpson		3,459,294 A	8/1969	Crosman et al.	
D107,412 S	12/1937	Farber		3,471,964 A	10/1969	Rey et al.	
D107,889 S	1/1938	Welles		D216,199 S	12/1969	Brown, Jr.	
D109,966 S *	5/1938	Jacobs	D11/210	3,496,941 A	2/1970	Ketner	
2,116,699 A	5/1938	Hall		D217,006 S	3/1970	Michalek	
2,121,654 A	6/1938	Donchian		D219,158 S	11/1970	Gray et al.	
D115,321 S *	6/1939	Pueschel	D30/128	D219,880 S	2/1971	Thrush	
D118,819 S	2/1940	Herpel		D219,881 S	2/1971	Thrush	
D122,264 S	9/1940	Francine		3,574,901 A	4/1971	Nogue	
2,234,903 A *	3/1941	Muench	431/125	3,589,322 A	6/1971	Hirokawa	
2,248,117 A	7/1941	Petry		3,673,909 A	7/1972	Birnkrant	
D132,967 S *	7/1942	Twombly	D11/146	3,697,362 A *	10/1972	Zane et al.	428/26
2,330,705 A *	9/1943	Hamblet	431/125	D226,972 S	5/1973	Schwartz	
D137,527 S	3/1944	Ross		3,741,379 A	6/1973	Kappler et al.	
2,353,853 A	7/1944	Sayford		3,780,703 A	12/1973	Boehland	
D138,872 S *	9/1944	Drell	D11/225	D230,929 S	3/1974	Wang	
D143,162 S *	12/1945	Petersen	D11/146	D231,253 S *	4/1974	Klassen	D26/26
D144,770 S	5/1946	Dreitzer		3,818,212 A *	6/1974	Rochford et al.	362/644
D145,976 S	11/1946	Dreitzer		D236,139 S	7/1975	Kilham	
D151,423 S	10/1948	Weil		3,913,527 A *	10/1975	Kilham	119/74
2,462,679 A	2/1949	Rosenau		D237,619 S	11/1975	Levey	
2,464,665 A	3/1949	Anderson		D237,736 S	11/1975	Lofgren	
D153,334 S	4/1949	Beaver		D239,182 S	3/1976	Kilbaum	
D155,913 S *	11/1949	Lane	D26/125	3,944,138 A *	3/1976	Easton	239/18
D157,262 S *	2/1950	Jung	D9/451	3,948,220 A	4/1976	Fiedler	
2,507,899 A	5/1950	Gilowitz		D241,860 S *	10/1976	Calamis	D30/128
D159,191 S	7/1950	Dreitzer		4,030,451 A	6/1977	Miller	
D159,721 S	8/1950	Dreitzer		D245,715 S	9/1977	Eldridge	
D161,814 S	2/1951	Baker et al.		D249,134 S *	8/1978	Barr	D11/81
D164,446 S	9/1951	Poglein		4,103,774 A	8/1978	Shingyouchi	
2,570,733 A *	10/1951	Thomas	119/72	4,106,657 A	8/1978	Dogliotti	
D165,628 S	1/1952	Blazier		D250,939 S	1/1979	Barr	
D166,146 S	3/1952	Dreitzer		4,144,842 A	3/1979	Schlising	
2,611,645 A	9/1952	Foreman		D252,288 S	7/1979	Kilham	
D170,150 S *	8/1953	Cowap	D30/128	D253,095 S *	10/1979	Beatty	D11/121
2,659,222 A	11/1953	Meier		4,233,941 A	11/1980	Webster	
2,668,993 A	2/1954	Bair		D263,226 S	3/1982	Rehnmark	
2,685,761 A *	8/1954	Schlesser	47/48.5	4,323,035 A	4/1982	Piltch	
D174,139 S	3/1955	Sadler		4,327,669 A	5/1982	Blasbalg	
2,763,421 A	9/1956	Bennett		4,355,597 A	10/1982	Blasbalg	
2,800,187 A	7/1957	Lehder		D266,954 S	11/1982	Gordan	
2,845,895 A	8/1958	Balkauskas		D267,355 S	12/1982	Blasbalg	
2,987,041 A	6/1961	Bard		4,408,565 A	10/1983	Kerbs	
2,998,896 A	9/1961	Miller		D271,434 S *	11/1983	Love	D30/128
3,039,220 A *	6/1962	Fristot	428/26	D271,651 S	12/1983	Knutson	
D193,291 S	7/1962	Fristoe		D271,835 S	12/1983	Knutson	
3,050,619 A *	8/1962	Abramson	362/122	4,434,745 A	3/1984	Perkins	
D194,683 S	2/1963	Clegg		D273,429 S *	4/1984	Kilham	D30/128
D194,846 S *	3/1963	Parry	D30/125	4,441,457 A *	4/1984	Sanford	119/57.9
3,088,295 A *	5/1963	Haines	63/20	D274,068 S	5/1984	Sverdlin	
D195,628 S	7/1963	Andreae		4,446,178 A	5/1984	Daugherty	
D196,254 S *	9/1963	Dwyer et al.	D26/127	D274,377 S	6/1984	Nock	
D196,256 S *	9/1963	Dwyer et al.	D26/127	D274,563 S	7/1984	Blasbalg	
D196,258 S	9/1963	Dwyer et al.		D277,514 S	2/1985	Bescherer	
D196,259 S *	9/1963	Dwyer et al.	D26/127	D278,588 S	4/1985	Knutson	
D197,770 S	3/1964	Friedman et al.		4,523,546 A	6/1985	Latham	
3,125,069 A	3/1964	Fowler		D280,689 S	9/1985	Knutson	
3,137,610 A *	6/1964	Flynn	428/26	D282,019 S	12/1985	Kilham	
3,140,007 A	7/1964	Nettleship		D282,215 S	1/1986	Foreman	
D198,786 S	8/1964	Friedman et al.		4,588,618 A	5/1986	Wolfe	
3,146,955 A *	9/1964	Sabuco	362/122	4,595,369 A	6/1986	Downs	
3,151,415 A *	10/1964	James	47/48.5	D285,273 S	8/1986	Laslo	
3,161,559 A	12/1964	Tong		D285,840 S	9/1986	Poon	
3,204,277 A	9/1965	Visman et al.		D289,094 S	3/1987	Stephen	
3,244,150 A	4/1966	Blair		D289,210 S	4/1987	Tucker et al.	
D205,772 S	9/1966	Blair		4,664,066 A	5/1987	Steuernagel	
				D290,769 S	7/1987	Taylor	
				4,691,665 A *	9/1987	Hefner	119/77
				D292,762 S	11/1987	Williamson	
				4,732,112 A	3/1988	Fenner	

(56)

References Cited

U.S. PATENT DOCUMENTS

D299,770 S	2/1989	Coffer		D381,444 S	7/1997	Yuen	
4,866,952 A	9/1989	Hight et al.		D382,376 S	8/1997	Bescherer	
4,901,673 A	2/1990	Overstreet		D386,835 S	11/1997	Passamare	
4,919,981 A	4/1990	Levey et al.		D386,836 S	11/1997	Hunt	
4,938,168 A *	7/1990	Meidell	119/77	5,682,835 A	11/1997	Walter	
4,955,319 A	9/1990	Brucker		5,701,842 A	12/1997	Whittles	
4,977,859 A *	12/1990	Kilham	119/52.2	5,725,152 A	3/1998	Akyu	
D315,193 S *	3/1991	Lach	D23/215	D393,421 S	4/1998	Kovens	
5,016,573 A	5/1991	Power		5,756,166 A	5/1998	Shinohara	
D317,332 S	6/1991	Williams et al.		5,758,596 A	6/1998	Loiselle	
D319,682 S	9/1991	Sharp et al.		5,776,561 A	7/1998	Lindauer	
D319,705 S	9/1991	Tsai		D397,060 S	8/1998	Mayer	
D320,097 S	9/1991	Vajtay		5,806,460 A	9/1998	Klein	
5,050,801 A	9/1991	Ferrari		D399,611 S	10/1998	Ericson	
D320,875 S	10/1991	Kilham		5,816,686 A	10/1998	Wang et al.	
5,062,388 A	11/1991	Kilham		5,829,382 A	11/1998	Garrison	
5,063,877 A	11/1991	Riggi		D402,914 S *	12/1998	Andersen	D11/121
D322,309 S	12/1991	King		D404,981 S	2/1999	Wu	
5,077,102 A	12/1991	Chong		D408,947 S	4/1999	Mandell	
5,083,881 A	1/1992	Yoshinaga		5,893,335 A	4/1999	Goodwin	
5,111,772 A	5/1992	Lipton		D410,756 S	6/1999	Kleinberg	
D328,310 S	7/1992	Yoshinaga		D413,487 S	9/1999	Vitali	
5,140,945 A	8/1992	Barnhart		D414,245 S	9/1999	Watson	
D329,488 S	9/1992	Santagada		5,947,054 A	9/1999	Liethen	
5,150,665 A	9/1992	Boaz		5,947,582 A	9/1999	Huang	
5,165,363 A	11/1992	McGinty		5,964,183 A	10/1999	Czipri	
5,168,830 A	12/1992	Deglis		5,970,913 A	10/1999	Bloedorn	
5,195,463 A *	3/1993	Lorenzana et al.	119/77	5,992,761 A	11/1999	Santa Cruz et al.	
D335,006 S	4/1993	Blasbalg		D417,887 S	12/1999	Colpel	
5,203,281 A	4/1993	Harwich		6,012,441 A	1/2000	Klein	
D337,548 S	7/1993	Winkelman		6,025,042 A	2/2000	Kligman et al.	
5,224,652 A	7/1993	Kessler		D421,814 S	3/2000	Meck	
D338,427 S	8/1993	Liou		D422,350 S	4/2000	Wu	
5,247,904 A	9/1993	Anderson		6,047,661 A	4/2000	Lush	
D343,030 S *	1/1994	Harwick, Jr.	D30/128	6,067,934 A	5/2000	Harwich	
5,287,979 A	2/1994	Bourgeois		6,070,554 A	6/2000	Wilson	
5,289,796 A	3/1994	Armstrong		6,073,582 A	6/2000	Lush	
D347,714 S	6/1994	Maple		D430,659 S	9/2000	Zaragoza et al.	
D349,568 S *	8/1994	El-Assir	D23/367	6,119,627 A	9/2000	Banyas et al.	
D349,981 S	8/1994	Fasino		6,153,274 A	11/2000	Koo	
D350,419 S	9/1994	Long		6,156,088 A	12/2000	Cardarelli	
D351,262 S	10/1994	Fasino		D438,139 S	2/2001	Mozena	
D351,691 S	10/1994	Lipton		D438,283 S	2/2001	Hsu	
5,353,742 A *	10/1994	Mauritz	119/77	D438,360 S *	2/2001	Robinson	D99/5
D352,001 S	11/1994	Hsieh		D439,359 S	3/2001	Feng	
D354,979 S	1/1995	Tsuji		D440,361 S	4/2001	Colwell	
D354,984 S	1/1995	Tsuji		D441,923 S	5/2001	Garcia-Lucio et al.	
5,377,617 A	1/1995	Harwich		6,234,699 B1	5/2001	Brode	
5,377,619 A	1/1995	Katz		6,253,706 B1	7/2001	Sloop	
5,398,642 A	3/1995	Harwich		D446,852 S	8/2001	Johansen et al.	
D357,766 S	4/1995	Prince et al.		D447,600 S	9/2001	Micinilio	
D360,710 S	7/1995	Colwell		D448,126 S	9/2001	Colwell	
D361,873 S	8/1995	Nottingham		D450,892 S	11/2001	Garcia-Lucio et al.	
5,450,816 A	9/1995	Santa Cruz		D450,893 S	11/2001	Garcia-Lucio et al.	
D362,922 S	10/1995	Prince et al.		D452,049 S	12/2001	Stokes	
D363,140 S	10/1995	Accumanno et al.		6,344,279 B1	2/2002	Shu	
5,454,348 A	10/1995	Colwell et al.		6,348,691 B1	2/2002	Sandell	
5,479,878 A	1/1996	Coulter		D454,669 S	3/2002	Lieb	
5,479,879 A *	1/1996	Biek	119/52.2	D456,225 S	4/2002	Kohn et al.	
D367,134 S	2/1996	Bescherer		6,383,164 B1	5/2002	Johansen et al.	
D367,737 S *	3/1996	McNaughton et al.	D30/133	6,386,142 B1 *	5/2002	Holscher et al.	119/57.8
D368,051 S	3/1996	Snoddy		D459,824 S	7/2002	Leen	
D368,337 S	3/1996	Dickinson		D461,523 S	8/2002	Chen	
5,503,288 A	4/1996	Conconi		D461,577 S	8/2002	Cheong	
5,507,249 A *	4/1996	Shaw	119/72	D462,478 S	9/2002	Johnson	
D370,307 S	5/1996	Chen		6,453,843 B2	9/2002	Bescherer	
D370,313 S	5/1996	Nottingham		D464,745 S	10/2002	Mangini et al.	
D370,747 S	6/1996	Madigan		6,463,878 B1	10/2002	Moody	
D372,325 S	7/1996	Hackworth		D466,255 S	11/2002	Kuelbs	
5,533,467 A	7/1996	Lancia		6,481,375 B1	11/2002	Scalf	
5,558,040 A	9/1996	Colwell		D466,654 S	12/2002	Ridyard	
D379,651 S	6/1997	Rondeau		6,499,430 B2	12/2002	Garcia-Lucio et al.	
D379,652 S	6/1997	Okamoto		D470,621 S	2/2003	Cheng	
D380,151 S	6/1997	du Grenier et al.		D470,630 S	2/2003	Kuelbs	
5,640,927 A	6/1997	Klein		D471,327 S	3/2003	Kuelbs	
				D472,351 S	3/2003	Griffin	
				D473,333 S	4/2003	Willmorth	
				D474,107 S	5/2003	Osborne	
				6,558,223 B1	5/2003	Matthews	

(56)

References Cited

U.S. PATENT DOCUMENTS

6,592,053 B2	7/2003	Ericksen et al.	D568,453 S	5/2008	Wu
6,598,561 B1	7/2003	Johns	D569,301 S	5/2008	Fotherby
D478,685 S	8/2003	Wu	D577,851 S	9/2008	Yurich
D481,115 S	10/2003	Wu	7,418,923 B1	9/2008	Banyas et al.
6,647,921 B2	11/2003	Stokes	D580,229 S	11/2008	Sawatsky
D483,139 S	12/2003	Kuelbs	7,448,347 B2 *	11/2008	Richmond 119/72
6,659,041 B1	12/2003	Curls	D588,756 S *	3/2009	Colvin et al. D30/124
6,662,745 B2	12/2003	Chrisco et al.	7,497,685 B2	3/2009	Kubicek et al.
6,672,249 B2	1/2004	Garcia-Lucio et al.	7,503,282 B1	3/2009	Lush
D486,272 S	2/2004	Donegan	7,506,611 B1	3/2009	Lush
D486,384 S	2/2004	Fahy et al.	D593,800 S	6/2009	Hone
D488,856 S	4/2004	Millan	D597,439 S	8/2009	Williams
D490,941 S	6/2004	Rich	D597,648 S	8/2009	Heflin
6,758,164 B2	7/2004	Rich	D598,808 S	8/2009	Rosenkotter
6,767,117 B2	7/2004	De Armond	D602,650 S	10/2009	Garcia-Lucio et al.
D496,223 S	9/2004	Clarichetti	7,600,487 B2 *	10/2009	Stone et al. 119/72
6,792,891 B1	9/2004	Coburn et al.	D604,106 S	11/2009	Gold et al.
D497,226 S *	10/2004	Nauert D30/199	D604,826 S	11/2009	Lesniak
D498,335 S	11/2004	Donegan	7,611,265 B2	11/2009	Laporte
D499,334 S	12/2004	Murray, Jr.	D606,708 S	12/2009	McMullen
6,830,733 B2	12/2004	Stanley	D606,709 S	12/2009	McMullen
6,866,004 B1	3/2005	Lush	7,634,974 B1	12/2009	Puckett et al.
D504,082 S	4/2005	Weiser et al.	D609,864 S	2/2010	Tsai
D504,547 S *	4/2005	Nauert D30/199	D612,531 S	3/2010	Smith
D505,062 S	5/2005	Suero	D612,549 S	3/2010	Garcia-Lucio et al.
D506,527 S	6/2005	Chang	7,685,969 B2	3/2010	Stone et al.
6,901,882 B2	6/2005	Kuelbs	D614,279 S	4/2010	Lesniak
D507,360 S	7/2005	Yuen	7,739,982 B2	6/2010	Cote
D508,824 S	8/2005	Vendl et al.	7,743,732 B2	6/2010	Webber
D509,315 S	9/2005	Weiser et al.	D619,692 S	7/2010	Hami et al.
D509,325 S *	9/2005	Jung et al. D30/127	D620,636 S	7/2010	Holder
D514,748 S	2/2006	Sweasy	7,748,347 B2 *	7/2010	Richmond 119/72
D514,749 S	2/2006	Fort et al.	D621,127 S	8/2010	Roskam
D515,247 S	2/2006	Jung	D623,805 S	9/2010	Vosbikian
D516,944 S	3/2006	Weiser et al.	7,789,040 B2	9/2010	Liethen
D517,749 S	3/2006	Jung et al.	D625,401 S	10/2010	Perman
7,025,206 B2	4/2006	Sommer	D630,791 S	1/2011	Wanders
7,032,538 B1	4/2006	Lush	7,861,671 B2 *	1/2011	Carter et al. 119/72
D520,898 S	5/2006	Sugama	D632,379 S	2/2011	Perman
D521,139 S	5/2006	Wu	D632,583 S	2/2011	Eisenberger et al.
D521,193 S	5/2006	Lombard	D632,994 S	2/2011	Deruelles
D521,894 S	5/2006	Sugama	7,891,319 B2 *	2/2011	Stone et al. 119/72
D522,119 S	5/2006	Baraky et al.	D633,659 S	3/2011	Lai
7,040,251 B2 *	5/2006	Fort, II 119/57.8	7,918,184 B2	4/2011	Humphries et al.
D523,522 S	6/2006	DeBoer et al.	D637,087 S	5/2011	Eisenberger et al.
D524,490 S	7/2006	Obenshain	D637,186 S	5/2011	David
D525,903 S	8/2006	Weiser et al.	D638,113 S	5/2011	Havive
D527,472 S	8/2006	Barracough et al.	D638,588 S	5/2011	Vosbikian
D530,457 S *	10/2006	Jung et al. D30/127	7,938,262 B1	5/2011	Havive et al.
D536,838 S	2/2007	Colvin et al.	7,946,249 B2	5/2011	Colvin et al.
D536,839 S	2/2007	Colvin et al.	7,946,734 B2	5/2011	Laporte
D537,358 S	2/2007	Donegan et al.	D640,584 S	6/2011	Rockefeller
D538,485 S *	3/2007	Degironne D30/124	D644,274 S	8/2011	Nelson et al.
D538,701 S	3/2007	Williams	7,992,520 B2	8/2011	Lush
7,185,606 B1 *	3/2007	Racine 119/57.8	D645,309 S	9/2011	Anton Villa
7,198,004 B1	4/2007	Lush	8,011,323 B2 *	9/2011	Vaughn et al. 119/72
7,201,358 B2	4/2007	Nichols et al.	8,021,027 B2	9/2011	Galipeau
D542,147 S	5/2007	Donegan et al.	8,028,658 B2	10/2011	Stone et al.
D543,132 S *	5/2007	Sexton et al. D11/121	D648,903 S	11/2011	Lush
D543,133 S *	5/2007	Sexton et al. D11/121	D649,299 S	11/2011	Lush
D543,481 S *	5/2007	Sexton et al. D11/121	D649,300 S	11/2011	Lush
7,231,890 B2	6/2007	Colvin	8,051,803 B2 *	11/2011	Gauker et al. 119/81
7,234,418 B2	6/2007	Fort et al.	8,056,507 B2	11/2011	Lush
D545,719 S *	7/2007	Sexton et al. D11/121	D656,279 S	3/2012	Tu
D546,239 S *	7/2007	Sexton et al. D11/121	D656,389 S	3/2012	Goodman et al.
D546,506 S	7/2007	Barszcz	D656,690 S *	3/2012	Tu D30/127
7,237,507 B1	7/2007	Colwell	8,156,894 B1 *	4/2012	Krah 119/52.2
7,244,038 B2	7/2007	Fotherby	8,201,519 B2 *	6/2012	Humphries et al. 119/51.5
7,258,075 B1	8/2007	Jones	D663,489 S	7/2012	Van Dyk
D551,331 S	9/2007	Butler et al.	D665,153 S	8/2012	Suiter
D551,785 S	9/2007	Montgomery	8,245,667 B2	8/2012	Mateer et al.
D555,841 S	11/2007	Fan	8,276,541 B2	10/2012	LoRocco et al.
D558,320 S	12/2007	Butler et al.	8,291,861 B2 *	10/2012	Hepp et al. 119/65
D566,344 S	4/2008	Schatz	D670,194 S	11/2012	Dubow
			D671,277 S	11/2012	Vosbikian et al.
			D672,277 S	12/2012	Dubow
			8,347,818 B2 *	1/2013	Cowger et al. 119/74
			D676,614 S *	2/2013	Fields et al. D30/127
			D683,909 S *	6/2013	Muhr et al. D30/124

(56)

References Cited

U.S. PATENT DOCUMENTS

D683,911 S * 6/2013 Muhr et al. D30/124
 8,522,718 B2 * 9/2013 Cruz et al. 119/72
 2001/0029899 A1 * 10/2001 Arlitt 119/77
 2001/0032592 A1 10/2001 Bescherer
 2002/0078897 A1 * 6/2002 Garcia-Lucio et al. 119/72
 2002/0092475 A1 7/2002 Paynton
 2003/0033985 A1 2/2003 Hardison
 2003/0097995 A1 * 5/2003 Garcia-Lucio et al. 119/72
 2004/0103851 A1 * 6/2004 Hunter 119/72
 2004/0118354 A1 * 6/2004 Cox et al. 119/72
 2005/0084413 A1 * 4/2005 Stanley 422/5
 2006/0037546 A1 * 2/2006 Jung et al. 119/72
 2006/0065202 A1 * 3/2006 Fort et al. 119/72
 2006/0090707 A1 * 5/2006 Donegan 119/72
 2006/0118056 A1 6/2006 Kuelbs
 2006/0124067 A1 * 6/2006 Taylor 119/72
 2006/0162665 A1 7/2006 George
 2006/0260553 A1 11/2006 Cote
 2007/0221133 A1 * 9/2007 Richmond 119/72
 2007/0272161 A1 * 11/2007 Stone et al. 119/51.01
 2007/0289540 A1 * 12/2007 Stone et al. 119/72
 2008/0035068 A1 * 2/2008 Gou 119/72
 2008/0087225 A1 * 4/2008 Lin 119/72
 2008/0134979 A1 6/2008 Crocker
 2008/0141944 A1 6/2008 Liethen
 2008/0205069 A1 8/2008 Laporte
 2008/0232111 A1 9/2008 Laporte
 2008/0251025 A1 * 10/2008 Guay et al. 119/78
 2009/0071408 A1 3/2009 Wechsler
 2009/0078211 A1 * 3/2009 Charlton 119/77
 2009/0133636 A1 5/2009 Richmond
 2009/0145875 A1 * 6/2009 Gardner 215/228
 2009/0159008 A1 * 6/2009 Humphries et al. 119/51.5
 2009/0199777 A1 * 8/2009 Webber 119/74
 2009/0308321 A1 * 12/2009 Szczygiel-Durante 119/72
 2010/0024738 A1 * 2/2010 Chen et al. 119/72
 2010/0061091 A1 3/2010 Galipeau
 2010/0089328 A1 * 4/2010 Puckett et al. 119/51.01
 2010/0224132 A1 * 9/2010 Gauker et al. 119/80
 2010/0229801 A1 * 9/2010 Stone et al. 119/74
 2010/0242848 A1 9/2010 Vaughn et al.
 2010/0251967 A1 10/2010 Mateer et al.
 2010/0288200 A1 11/2010 Lush

2010/0288201 A1 11/2010 Lush
 2011/0011345 A1 * 1/2011 LoRocco et al. 119/72
 2011/0067635 A1 3/2011 Puckett et al.
 2011/0083609 A1 4/2011 Cote
 2011/0083610 A1 * 4/2011 Cote 119/52.3
 2011/0094449 A1 4/2011 George
 2011/0100299 A1 5/2011 Colwell
 2011/0100300 A1 5/2011 Carter et al.
 2011/0168101 A1 * 7/2011 Guay et al. 119/78
 2011/0239949 A1 * 10/2011 Abbott 119/72
 2011/0277691 A1 * 11/2011 Sundquist 119/72
 2011/0297095 A1 * 12/2011 Cruz et al. 119/80
 2012/0060762 A1 * 3/2012 Cowger et al. 119/74
 2012/0079988 A1 4/2012 Vaughn et al.
 2012/0132145 A1 * 5/2012 Gauker et al. 119/72
 2012/0216750 A1 * 8/2012 Cruz et al. 119/72
 2012/0279454 A1 11/2012 Gauker et al.
 2012/0285387 A1 * 11/2012 Humphries et al. 119/53
 2013/0042814 A1 * 2/2013 Mateer et al. 119/72

OTHER PUBLICATIONS

Notice of Allowance issued Feb. 7, 2013 in Design U.S. Appl. No. 29/428,993.
 Notice of Allowance issued Feb. 6, 2013 in Design U.S. Appl. No. 29/428,995.
 Notice of Allowance issued Feb. 6, 2013 in Design U.S. Appl. No. 29/429,007.
 Design U.S. Appl. No. 29/422,227, filed May 17, 2012.
 U.S. Appl. No. 13/474,308, filed May 17, 2012.
 Design U.S. Appl. No. 29/424,217, filed Jun. 8, 2012.
 Notice of Allowance issued Sep. 28, 2012 in Design U.S. Appl. No. 29/424,217.
 U.S. Appl. No. 13/550,670, filed Jul. 12, 2012.
 Design U.S. Appl. No. 29/428,992, filed Aug. 6, 2012.
 Design U.S. Appl. No. 29/428,993, filed Aug. 6, 2012.
 Design U.S. Appl. No. 29/428,995, filed Aug. 6, 2012.
 Design U.S. Appl. No. 29/429,000, filed Aug. 6, 2012.
 Design U.S. Appl. No. 29/429,001, filed Aug. 6, 2012.
 Design U.S. Appl. No. 29/429,002, filed Aug. 6, 2012.
 Design U.S. Appl. No. 29/429,003, filed Aug. 6, 2012.
 Design U.S. Appl. No. 29/429,006, filed Aug. 6, 2012.
 Design U.S. Appl. No. 29/429,007, filed Aug. 6, 2012.
 Design U.S. Appl. No. 29/429,009, filed Aug. 6, 2012.

* cited by examiner

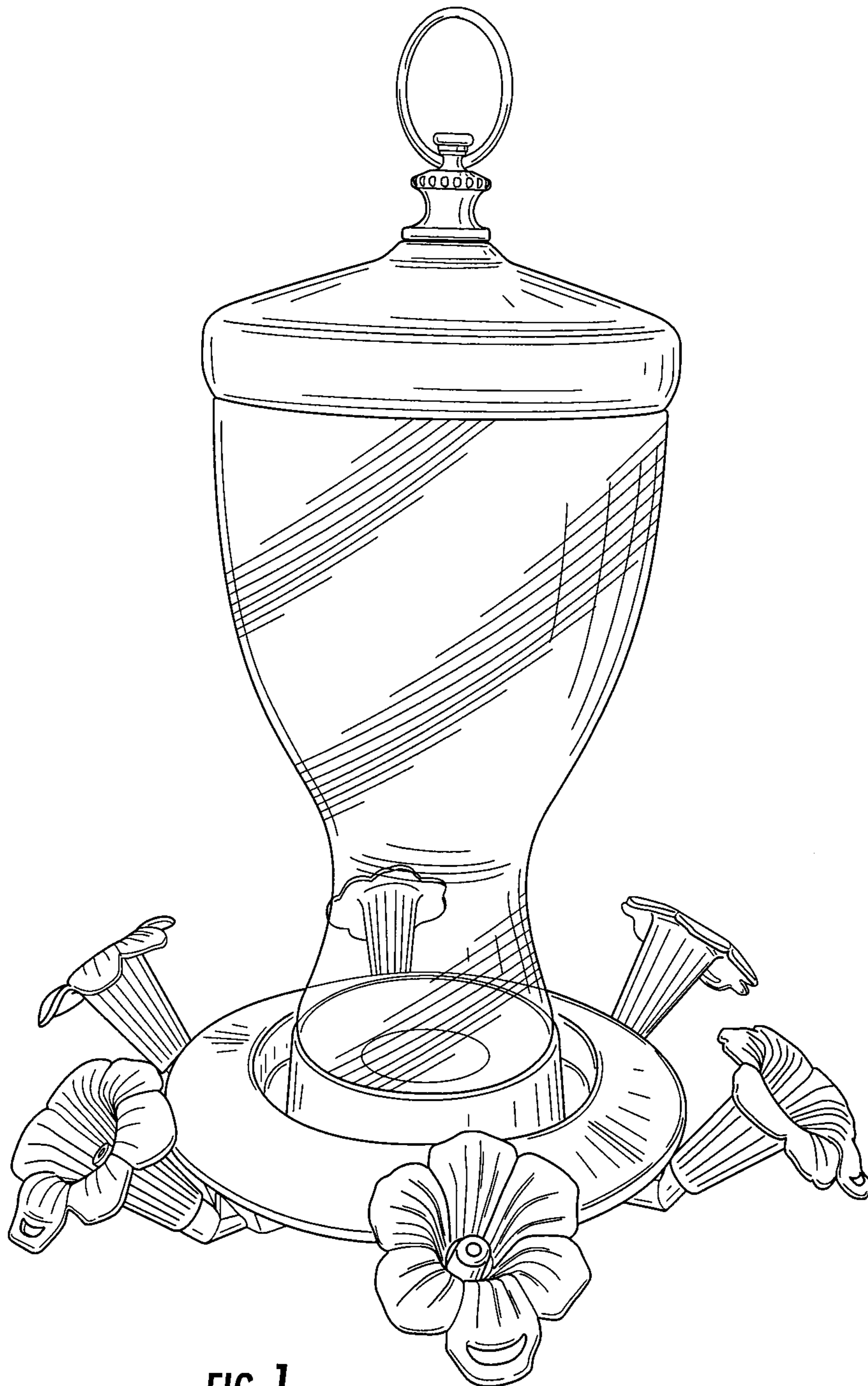


FIG. 1

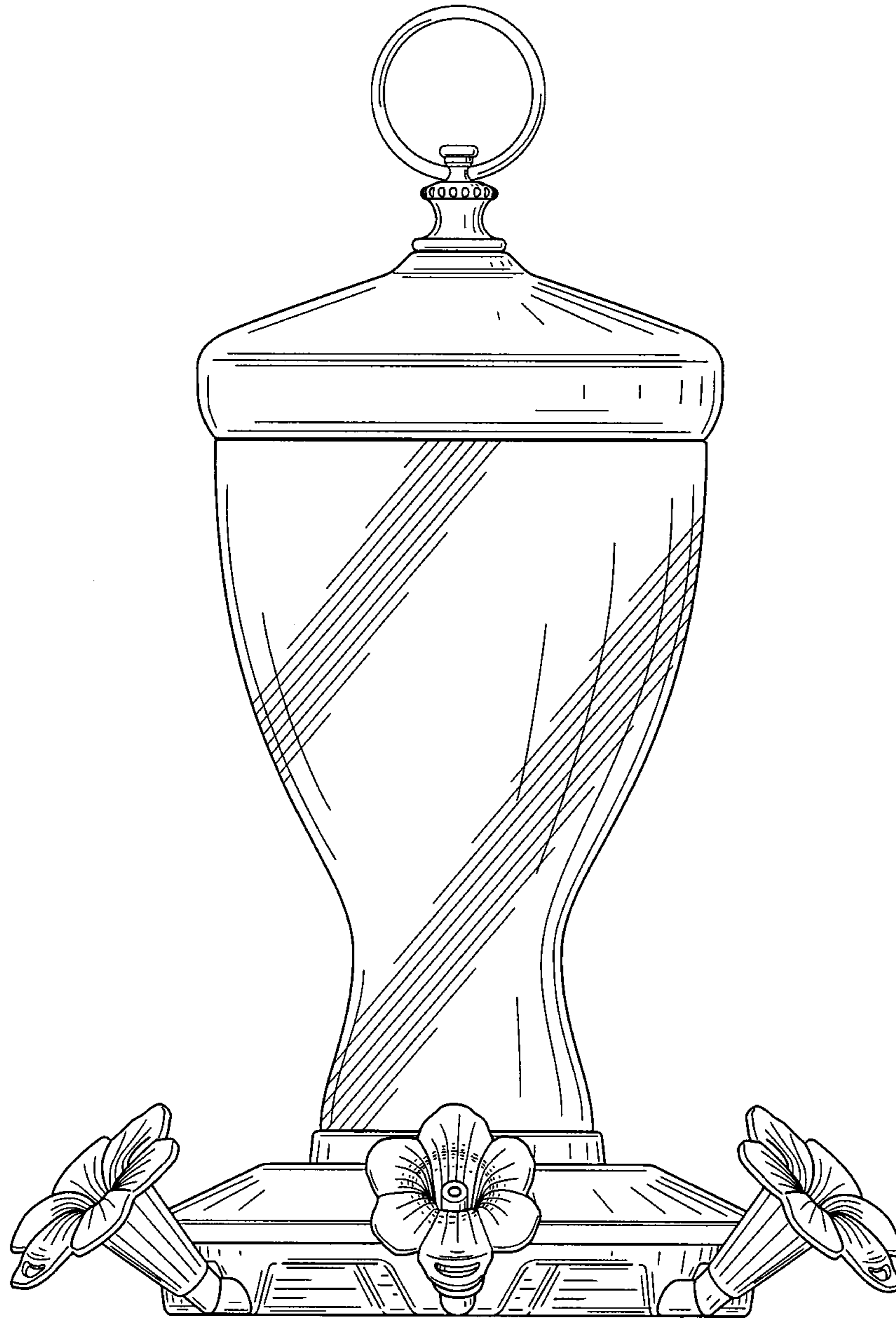


FIG. 2

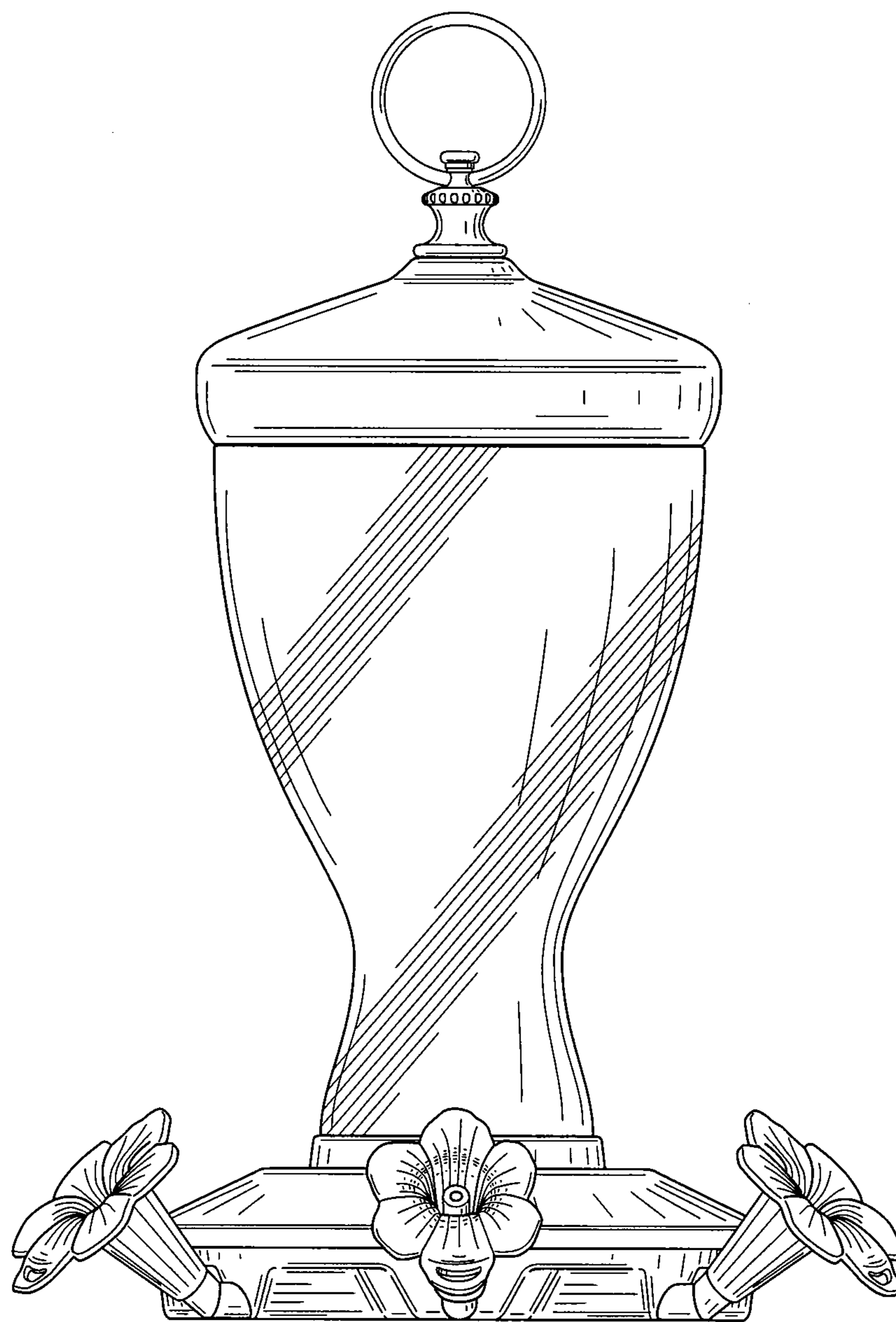


FIG. 3

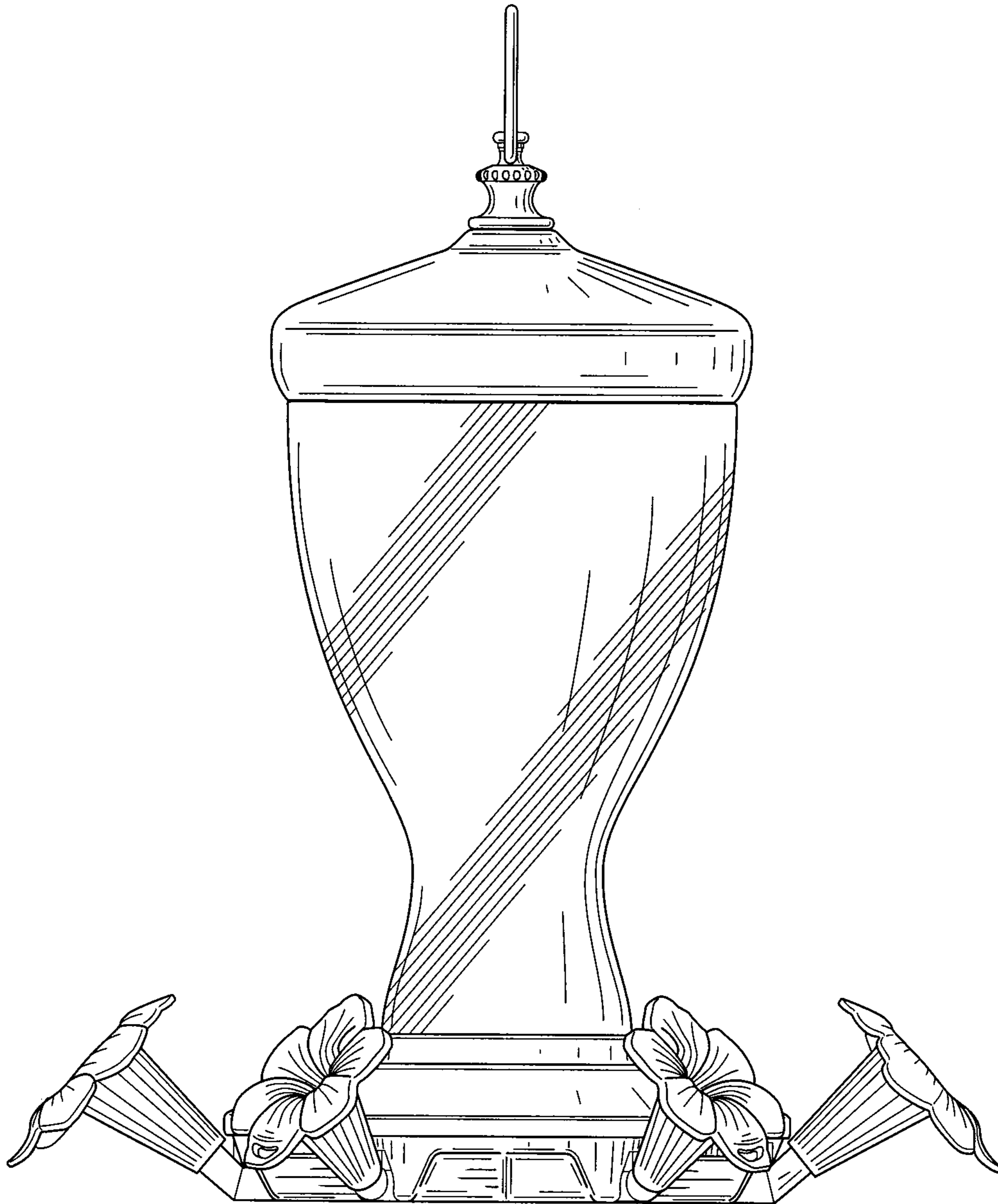


FIG. 4

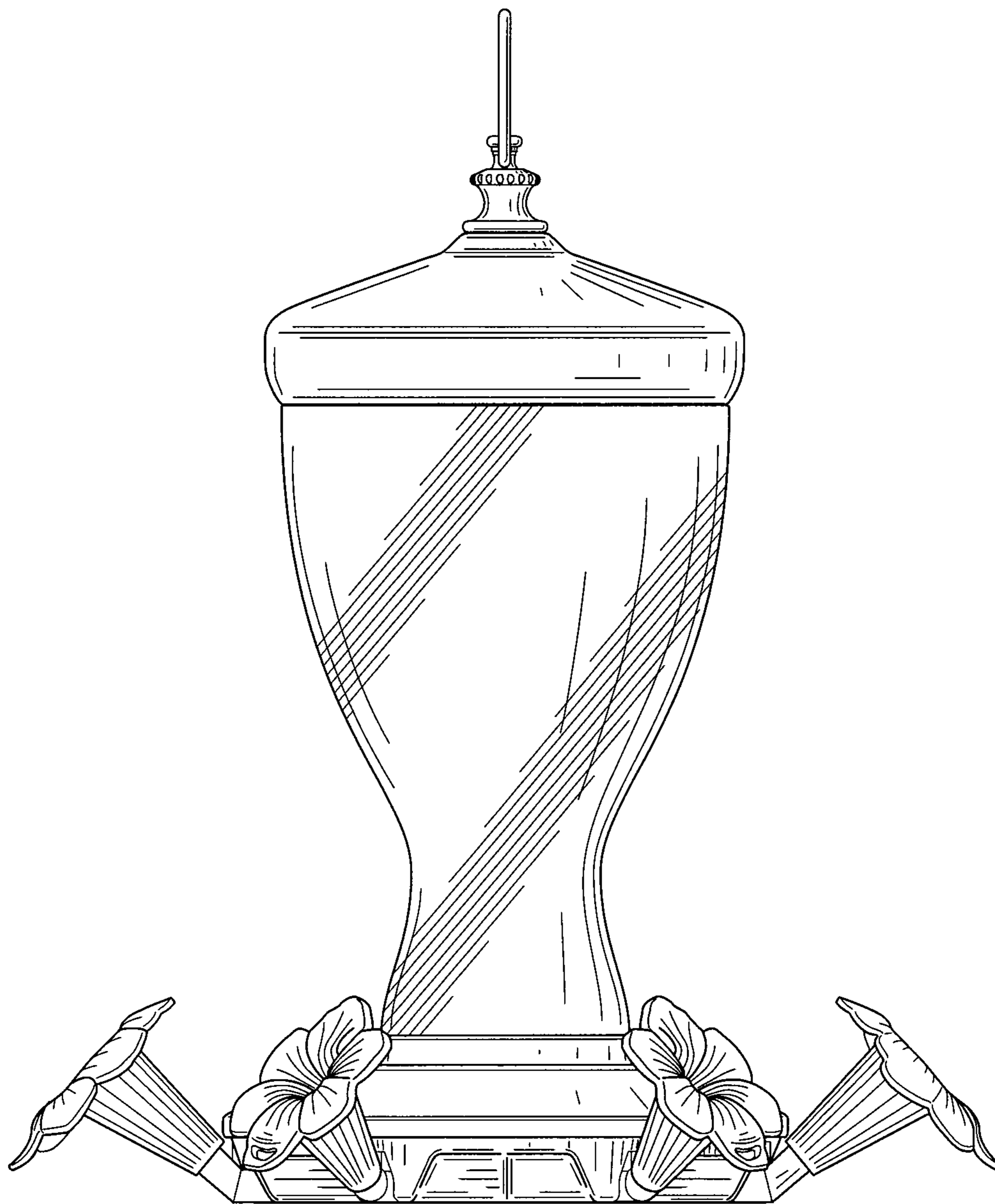


FIG. 5

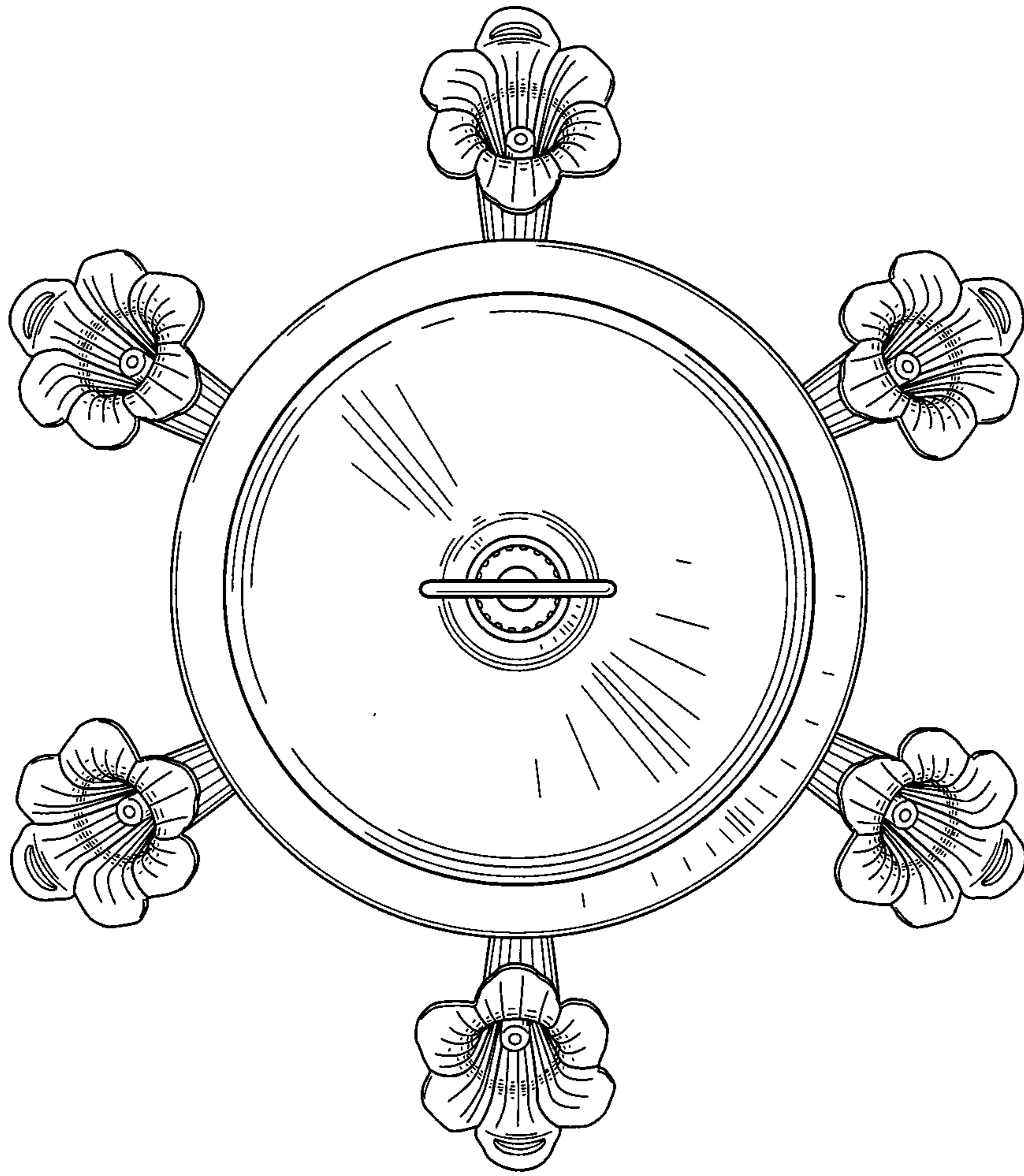


FIG. 6

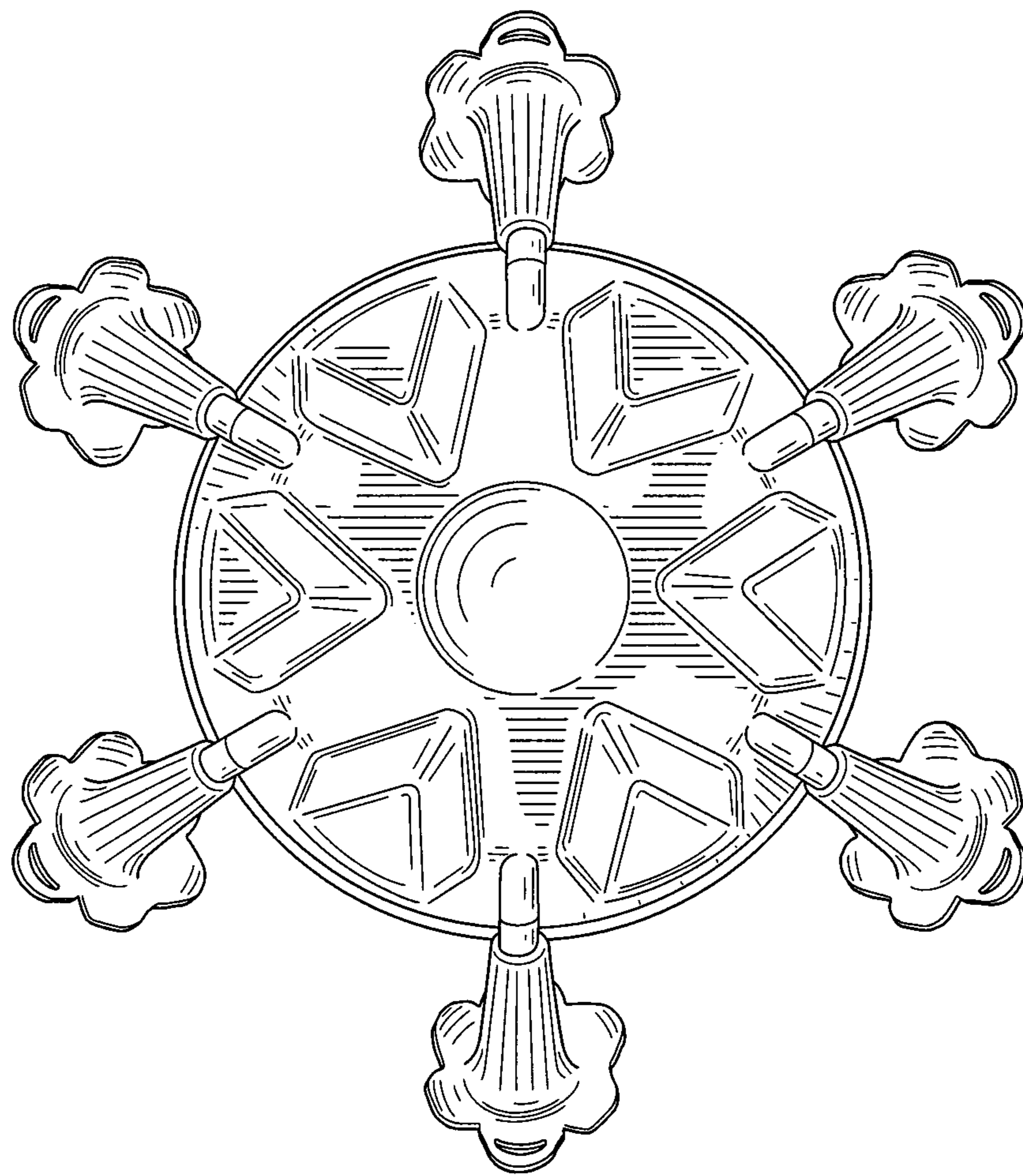


FIG. 7