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

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(54) **A-FRAME GRILL CART**  
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(\*\*) **Term:** **14 Years**

2,032,221 A 2/1936 Myers  
2,182,663 A 12/1939 Eby et al.  
2,274,433 A 2/1942 Schulz  
2,314,791 A 3/1943 Jones  
2,347,980 A 5/1944 Apfelbaum

(Continued)

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126/305, 350.1, 375.1, 506; 108/115; 99/447,  
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248/439; 431/203; D34/14, 20; D6/434; 312/236  
See application file for complete search history.

(56) **References Cited**  
**U.S. PATENT DOCUMENTS**

101,177 A 3/1870 Stevenson  
RE4,652 E 11/1871 Roe  
479,652 A 7/1892 Marcee  
678,024 A 7/1901 Norpis  
758,472 A 4/1904 Reams  
1,055,311 A 3/1913 Blount  
D44,522 S 8/1913 Curtiss  
1,394,228 A 10/1921 Sheridan  
1,460,928 A 7/1923 Tilden  
1,462,578 A 7/1923 Kashinsky  
1,596,367 A 8/1926 Miller  
1,783,183 A 12/1930 Dibble

**OTHER PUBLICATIONS**

Meco Owner's Manual, copyright 1995, "Meco Swinger Grill".  
Merchandising, vol. 6, Jan. 1981, p. 113, "Structo Barbecue Grill".

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(57) **CLAIM**

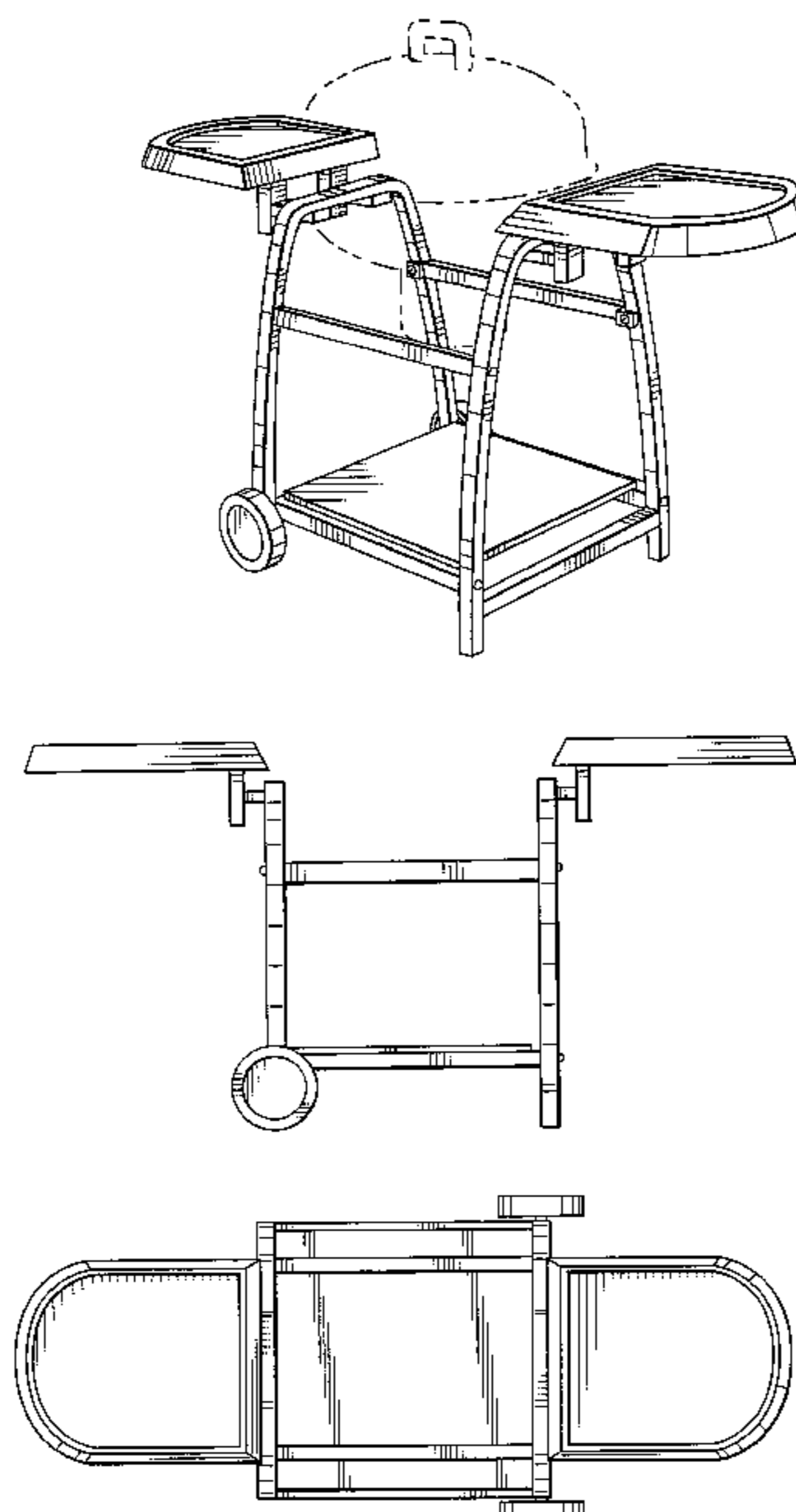
I claim the ornamental design for an A-frame grill cart, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of an A-frame grill cart according to the present invention; FIG. 2 is a perspective view thereof; FIG. 3 is a left side view thereof; FIG. 4 is a front view thereof; FIG. 5 is a right side view thereof; FIG. 6 is a rear view thereof; FIG. 7 is a top view thereof; and, FIG. 8 is a bottom view thereof.

The shelves and wheels in FIG. 2 are reduced to broken lines for ease of illustrating the rest of the frame, the claim being directed to the entire frame shown in FIGS. 1, 3-8. The kettle shown in broken lines in the drawings forms no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



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## U.S. PATENT DOCUMENTS

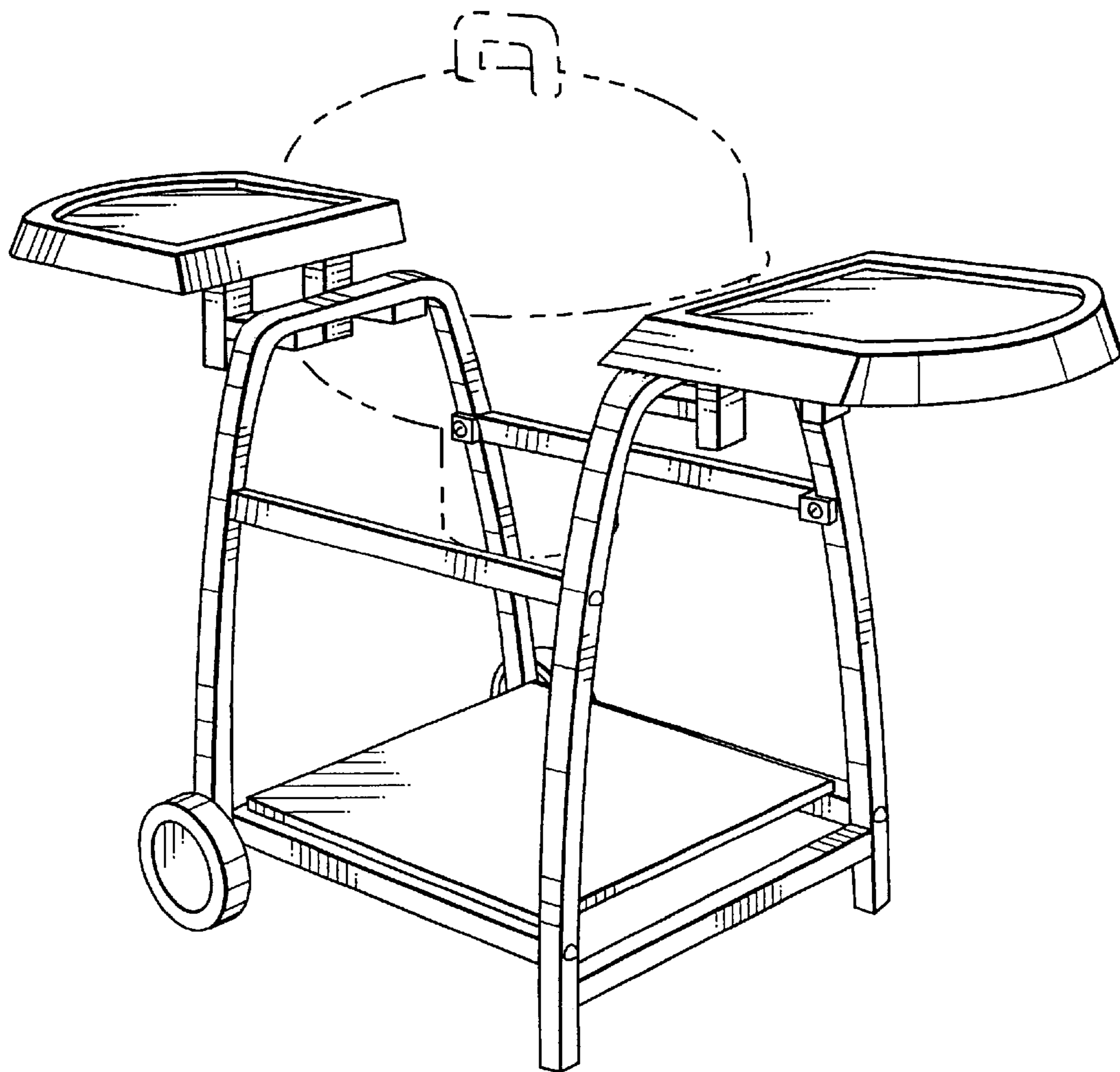
D139,850 S	12/1944	Frenning	D229,660 S	12/1973	Gammon
2,431,905 A	12/1947	Anicetti	3,785,275 A	1/1974	Keats et al.
2,511,594 A	6/1950	Loffredo	3,791,368 A	2/1974	Hunt
2,512,223 A	6/1950	Contiguglia	D231,070 S	4/1974	Koziol
D163,090 S	5/1951	Campbell	3,806,987 A	4/1974	Koziol
D165,497 S	12/1951	Waas	3,812,840 A	5/1974	Whaler
D165,998 S	2/1952	Pollard	D231,892 S	6/1974	Warshauer
2,600,234 A	6/1952	Foley	3,822,456 A	7/1974	Petruzzi
2,621,586 A	12/1952	Roney	3,841,299 A	10/1974	Tomita
2,641,243 A	6/1953	Goss	D233,585 S	11/1974	Thomas
2,666,425 A	1/1954	Hasting, Jr.	3,865,052 A	2/1975	Streets et al.
D171,639 S	3/1954	Clemens, Jr.	D237,578 S	11/1975	Thomas
2,728,334 A	12/1955	Paolella	3,974,821 A	8/1976	Storandt
2,746,378 A	5/1956	Lang	3,981,292 A	9/1976	Lilley et al.
D179,345 S	12/1956	Henry	D243,309 S	2/1977	Reunanen
2,780,392 A	2/1957	Nonhof	4,008,971 A	2/1977	Wah et al.
2,787,995 A	4/1957	Alter	4,034,662 A	7/1977	McLane
2,886,386 A	5/1959	Spitzer	4,083,641 A	4/1978	Sado
2,920,614 A	1/1960	Phelps	D250,317 S	11/1978	Simmons
2,932,479 A	4/1960	Leach	D251,230 S	3/1979	Adams
D188,879 S	9/1960	Gauss et al.	D252,248 S	7/1979	Huff
D189,682 S	1/1961	Bloomfield	4,192,283 A	3/1980	Kridler
D192,199 S	2/1962	Watson et al.	4,209,006 A	6/1980	Marsalko
3,025,848 A	3/1962	Malgesini	D255,863 S	7/1980	Futch
D193,163 S	7/1962	Levi	4,227,510 A	10/1980	Frazier et al.
3,046,970 A	7/1962	Seaman	4,273,096 A	6/1981	Hannebaum
3,073,263 A	1/1963	Wynkoop	4,281,633 A	8/1981	Wackerman
D196,552 S	10/1963	Mayer	4,302,181 A	11/1981	Schlosser
D196,996 S	11/1963	Kates	4,331,123 A	5/1982	Alles et al.
3,111,337 A	11/1963	Kates	4,331,127 A	5/1982	Grosso
3,126,881 A	3/1964	Blotsky, Jr.	4,332,188 A	6/1982	Rhear
D198,822 S	8/1964	Lyemance	4,332,235 A	6/1982	Hannebaum
D200,137 S	1/1965	Hanna	4,337,751 A	7/1982	Sampson et al.
3,167,642 A	1/1965	Reis	4,340,027 A	7/1982	Fuss
3,200,806 A	8/1965	Goldstein	4,353,347 A	10/1982	Seed
3,209,743 A	10/1965	Stewart et al.	4,362,093 A	12/1982	Griscom
3,216,379 A	11/1965	Durfee	4,382,432 A	5/1983	Lizdas
3,217,634 A	11/1965	Fox	4,390,002 A	6/1983	Daily, III
3,276,440 A	10/1966	Sazegar	D269,758 S	7/1983	Braswell
D207,567 S	5/1967	Helgeson	D269,839 S	7/1983	Givens, III
D208,179 S	7/1967	King et al.	D270,988 S	10/1983	Anderson
3,330,266 A	7/1967	Stephen	4,453,530 A	6/1984	Schlosser
3,380,444 A	4/1968	Stalker	4,458,585 A	7/1984	Erbach
3,385,281 A	5/1968	O'Russa	4,463,746 A	8/1984	Knuth et al.
D211,919 S	8/1968	Harff et al.	4,498,452 A	2/1985	Schlosser et al.
D214,220 S	5/1969	Ver Halen	D278,021 S	3/1985	Schlosser et al.
3,453,975 A	7/1969	Gunter	4,510,916 A	4/1985	Ogden
D215,250 S	9/1969	McClaren	4,523,574 A	6/1985	Schlosser
3,499,399 A	3/1970	Kaufmann	D279,537 S	7/1985	Taylor et al.
3,500,812 A	3/1970	Korngold	D280,282 S	8/1985	Erbach et al.
3,520,290 A	7/1970	Winters	4,535,749 A	8/1985	Schlosser
3,533,393 A	10/1970	Haapanen	4,553,524 A	11/1985	Wheat et al.
3,538,906 A	11/1970	Heraty et al.	D282,619 S	2/1986	Fitzgerald et al.
D219,413 S	12/1970	Glaser	4,567,876 A	2/1986	Ogden
D219,629 S	12/1970	Koziol	4,576,140 A	3/1986	Schlosser
D219,693 S	1/1971	Hahn	4,593,676 A	6/1986	Wackerman
3,567,065 A	3/1971	Dinse	D284,929 S	8/1986	Schlosser et al.
D222,311 S	10/1971	Wilkinson et al.	4,603,679 A	8/1986	Ogden
3,611,910 A	10/1971	Hughes	4,630,593 A	12/1986	Gremillion
3,611,915 A	10/1971	Glaser	4,635,613 A	1/1987	Tucker et al.
3,617,022 A	11/1971	Wiggins	4,667,916 A	5/1987	Richards
D223,042 S	2/1972	Wilkinson et al.	4,677,964 A	7/1987	Lohmeyer et al.
3,638,634 A	2/1972	Bolitho	4,683,866 A	8/1987	Bales et al.
3,683,791 A	8/1972	Rast	4,688,541 A	8/1987	Stephen et al.
3,688,758 A	9/1972	Stephen, Jr.	D291,855 S	9/1987	Erbach et al.
3,714,937 A	2/1973	Linstead	4,699,120 A	10/1987	Ogden
3,734,076 A	5/1973	Kiziol	D293,067 S	12/1987	Stephen et al.
D227,643 S	7/1973	Koziol	D293,191 S	12/1987	Stephen et al.
3,759,164 A	9/1973	Robinson	4,718,399 A	1/1988	Shepard
D229,625 S	12/1973	Thomas	4,727,853 A	3/1988	Stephen et al.
			D295,135 S	4/1988	Ogden

# US D516,861 S

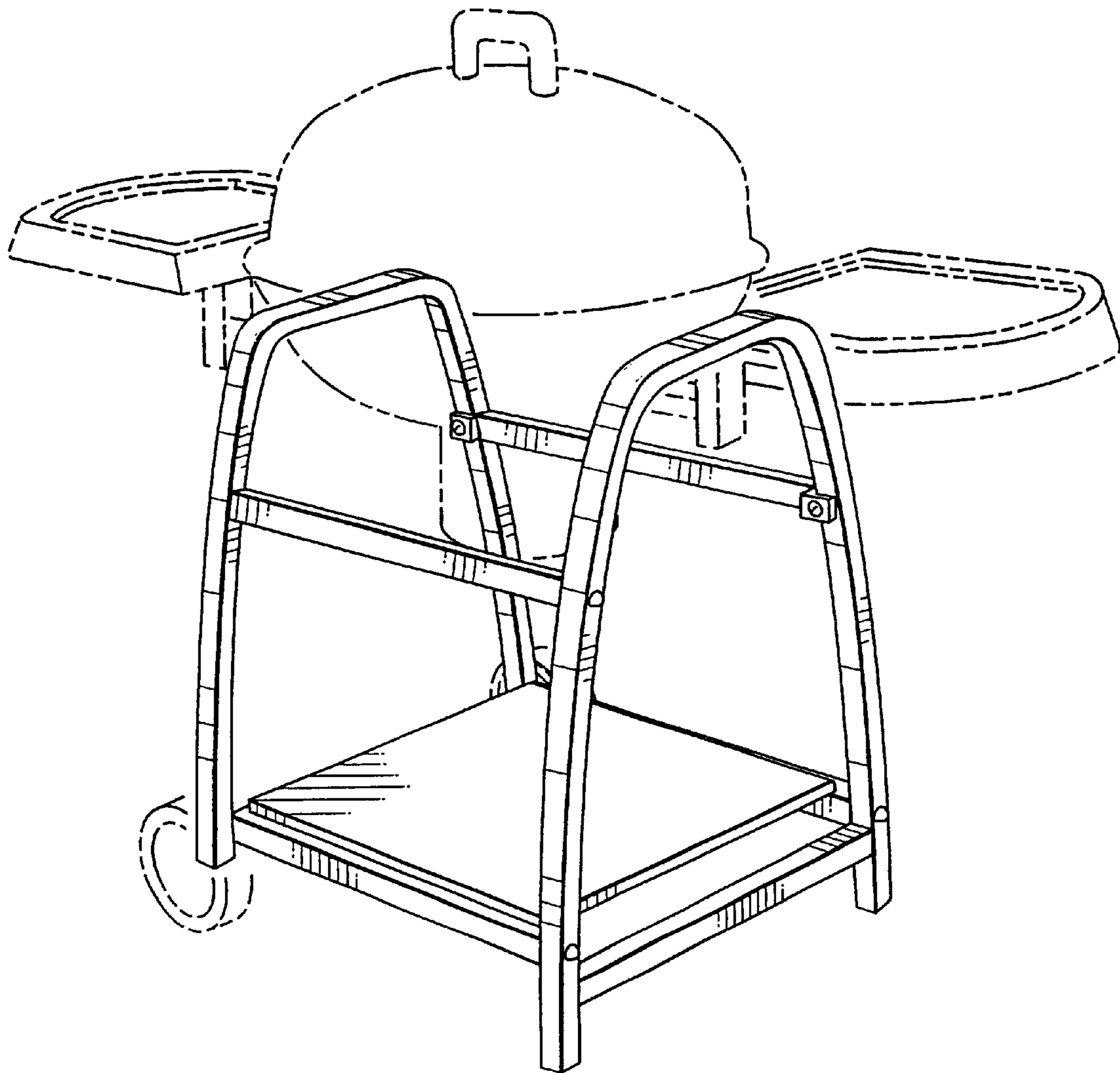
4,735,390 A	4/1988	Richards	5,809,991 A	9/1998	Pai
4,741,322 A	5/1988	Lin	D404,963 S	2/1999	Schlosser et al.
4,762,114 A	8/1988	Blankemeyer	5,865,099 A	2/1999	Waugh
4,763,640 A	8/1988	Schnack et al.	D409,436 S	5/1999	Smith
4,777,927 A	10/1988	Stephen et al.	D412,086 S	7/1999	Bossler
D298,406 S	11/1988	Stephen et al.	D414,374 S	9/1999	Ting
4,793,580 A	12/1988	Richards	D414,980 S	10/1999	Pai
D299,690 S	2/1989	Schnack et al.	D415,649 S	10/1999	Pai
4,829,978 A	5/1989	Schlosser et al.	D415,653 S	10/1999	Schlosser et al.
D301,673 S	6/1989	Ogden	D415,925 S	11/1999	Pai
4,836,179 A	6/1989	Schlosser et al.	D417,362 S	12/1999	Ting
D302,641 S	8/1989	Elmburg	6,000,389 A	12/1999	Alpert
4,860,724 A	8/1989	Schlosser et al.	D420,546 S	2/2000	Pai
4,924,845 A	5/1990	Johnson et al.	D426,101 S	6/2000	Pai
4,926,841 A	5/1990	Woolf	D426,419 S	6/2000	Kuo
4,941,817 A	7/1990	Schlosser	D427,840 S	7/2000	Pai
4,942,862 A	7/1990	Alden et al.	D428,303 S	* 7/2000	Wagner et al. .... D7/403
4,966,125 A	10/1990	Stephen et al.	D428,760 S	8/2000	Huang
4,966,126 A	10/1990	Wu	D430,717 S	9/2000	Alden et al.
D315,079 S	3/1991	Jui-Yen	D435,387 S	12/2000	Pai
D316,355 S	4/1991	Stephen et al.	6,155,248 A	12/2000	Schlosser et al.
5,016,607 A	5/1991	Doolittle et al.	D435,998 S	1/2001	Mak
5,027,788 A	7/1991	Schlosser	D437,177 S	2/2001	Giebel et al.
5,036,832 A	8/1991	Schlosser et al.	6,182,559 B1	2/2001	Chiang
5,044,265 A	9/1991	Janssen	6,230,700 B1	5/2001	Daniels et al.
5,069,196 A	12/1991	Schlosser et al.	6,357,434 B1	3/2002	Bossler
5,076,252 A	12/1991	Schlosser et al.	6,363,925 B1	4/2002	Chavana, Jr. et al.
D322,909 S	1/1992	Parent et al.	D460,657 S	7/2002	Bossler
5,080,313 A	1/1992	Byrum et al.	D461,360 S	8/2002	Bossler
D325,315 S	4/1992	Parent et al.	6,439,221 B1	8/2002	Ward et al.
D325,316 S	4/1992	Parent et al.	D462,563 S	9/2002	Bossler
D325,318 S	4/1992	Parent et al.	D463,707 S	10/2002	Bossler
5,111,802 A	5/1992	Lin	D463,708 S	10/2002	Bossler
D327,390 S	6/1992	Schlosser et al.	D463,709 S	10/2002	Bossler
D327,805 S	7/1992	Parent et al.	D464,227 S	10/2002	Eisinger et al.
5,159,917 A	11/1992	Archer et al.	D464,524 S	10/2002	Pai
5,165,385 A	11/1992	Doolittle et al.	D464,529 S	10/2002	Eisinger et al.
5,213,075 A	5/1993	Stephen et al.	6,474,327 B1	11/2002	Bossler
5,299,553 A	4/1994	Giebel et al.	D466,359 S	12/2002	Bossler et al.
D350,668 S	9/1994	Giebel et al.	D466,756 S	12/2002	Bossler et al.
D351,308 S	10/1994	Pai	D471,396 S	3/2003	Chiang
D352,865 S	11/1994	Pai	D472,422 S	* 4/2003	Pai ..... D7/334
D355,566 S	2/1995	Stephen et al.	D474,063 S	* 5/2003	Eisinger et al. .... D7/334
5,394,590 A	3/1995	Yu	6,557,546 B1	5/2003	Gibbons
D356,924 S	4/1995	Pai	D476,189 S	6/2003	Bossler
5,566,606 A	10/1996	Johnston	D478,462 S	8/2003	Zhu
D375,436 S	* 11/1996	Bird et al. .... D7/403	6,626,090 B1	9/2003	McLemore et al.
5,572,983 A	11/1996	Schlosser et al.	D480,595 S	* 10/2003	Pai ..... D7/334
D376,510 S	12/1996	Ting	D480,906 S	10/2003	Pai
5,640,949 A	6/1997	Smith	D481,256 S	10/2003	Bossler
D381,557 S	7/1997	Bradley et al.	D482,561 S	11/2003	Yeh
D381,860 S	8/1997	Chiang	D485,116 S	1/2004	Kwok
5,749,354 A	5/1998	Lin	6,684,876 B1	2/2004	Bossler
D395,378 S	* 6/1998	Schlosser et al. .... D7/403	D496,821 S	10/2004	Pai
D395,785 S	7/1998	Lin	D497,281 S	10/2004	Pai
5,794,608 A	8/1998	Von Berg			
5,806,510 A	9/1998	Fischer et al.			

\* cited by examiner

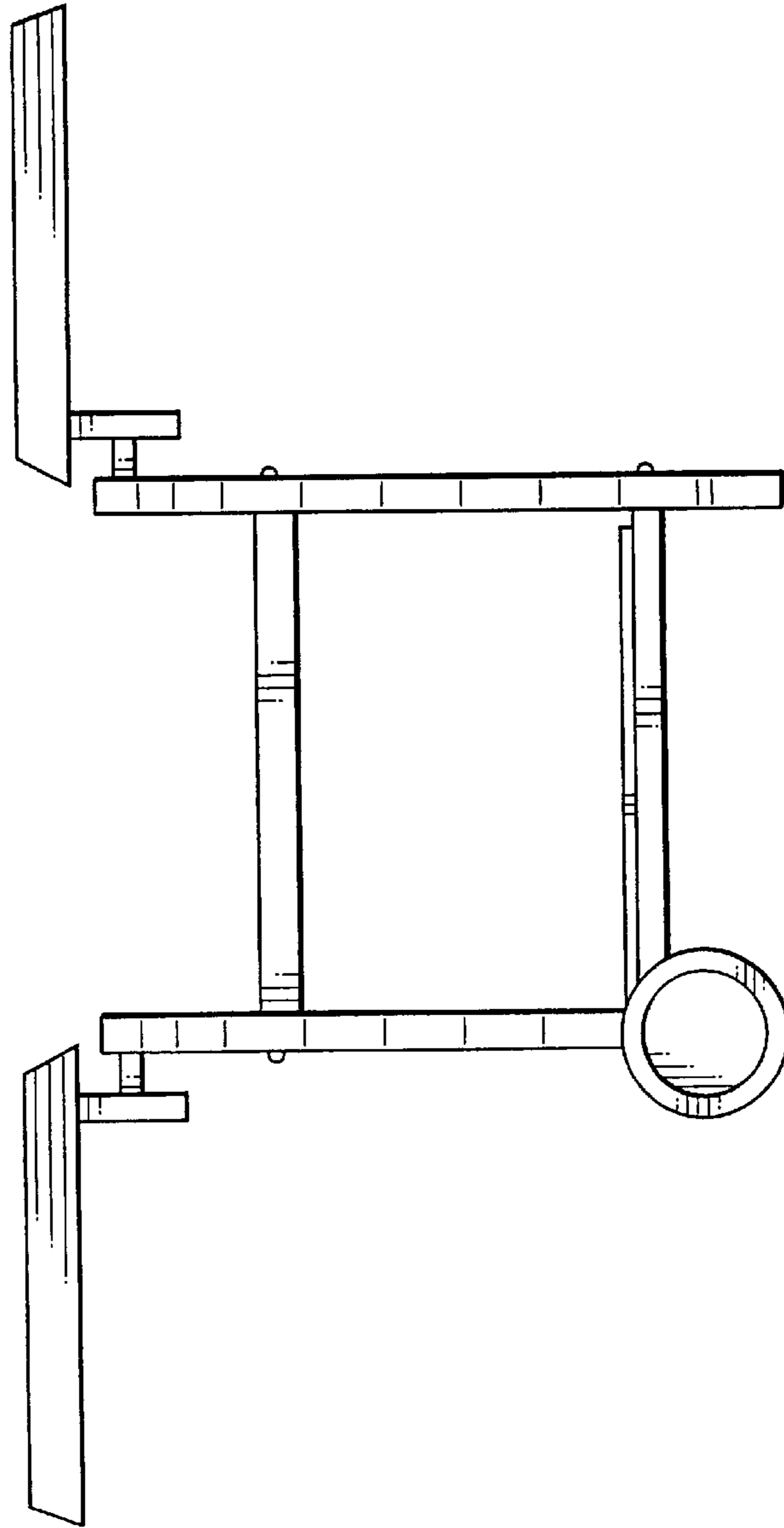
**Fig. 1**



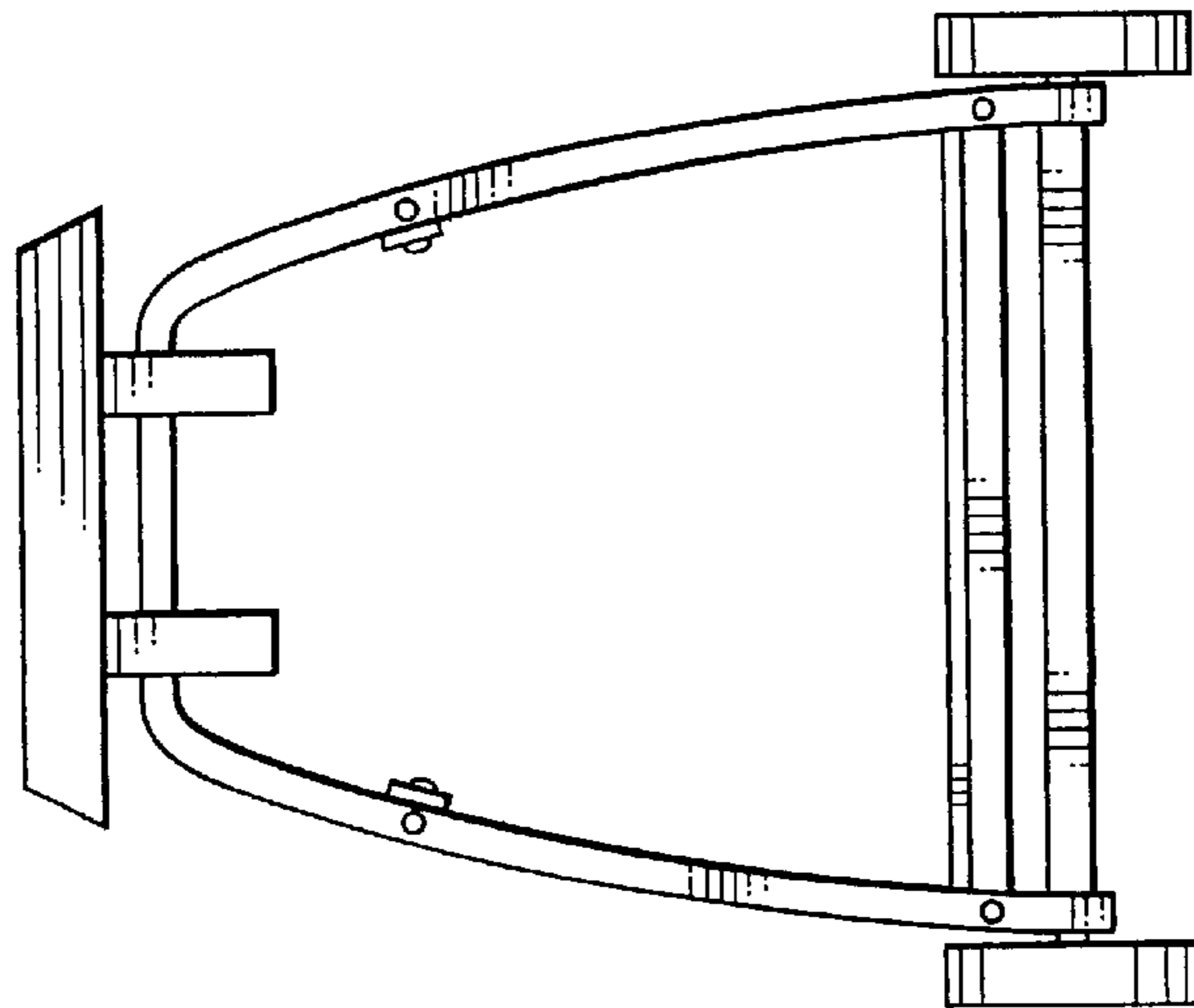
**Fig. 2**



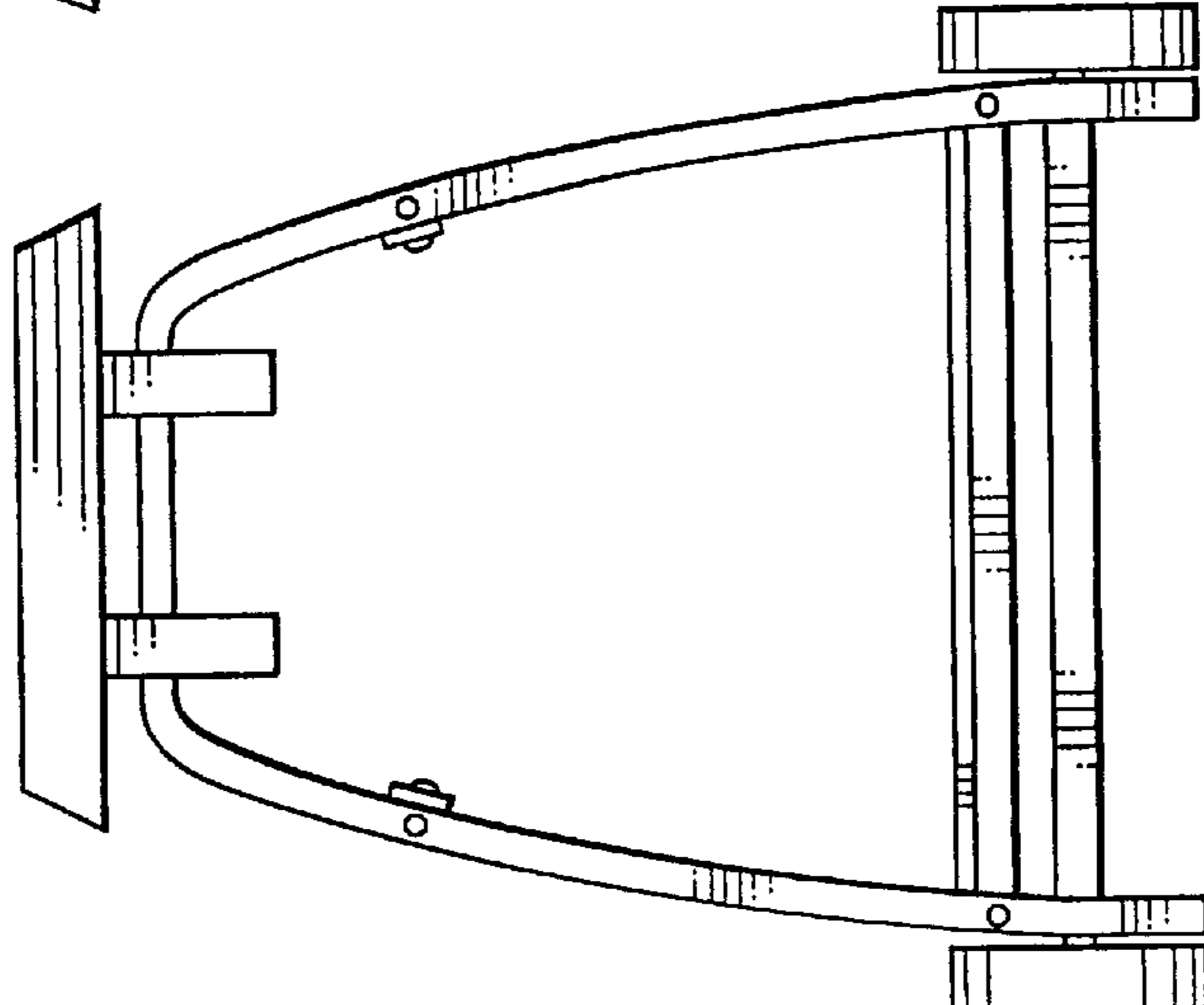
**Fig. 4**



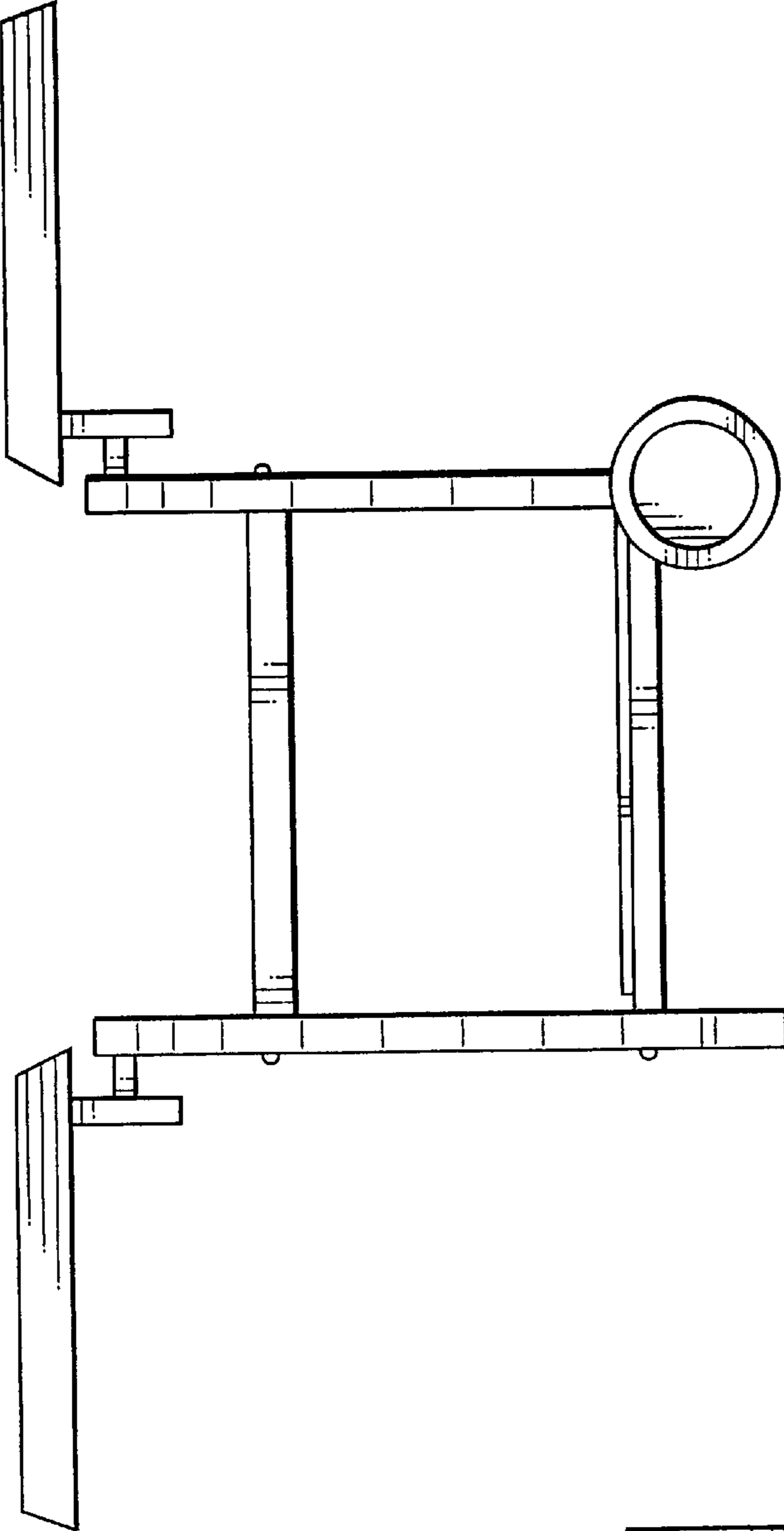
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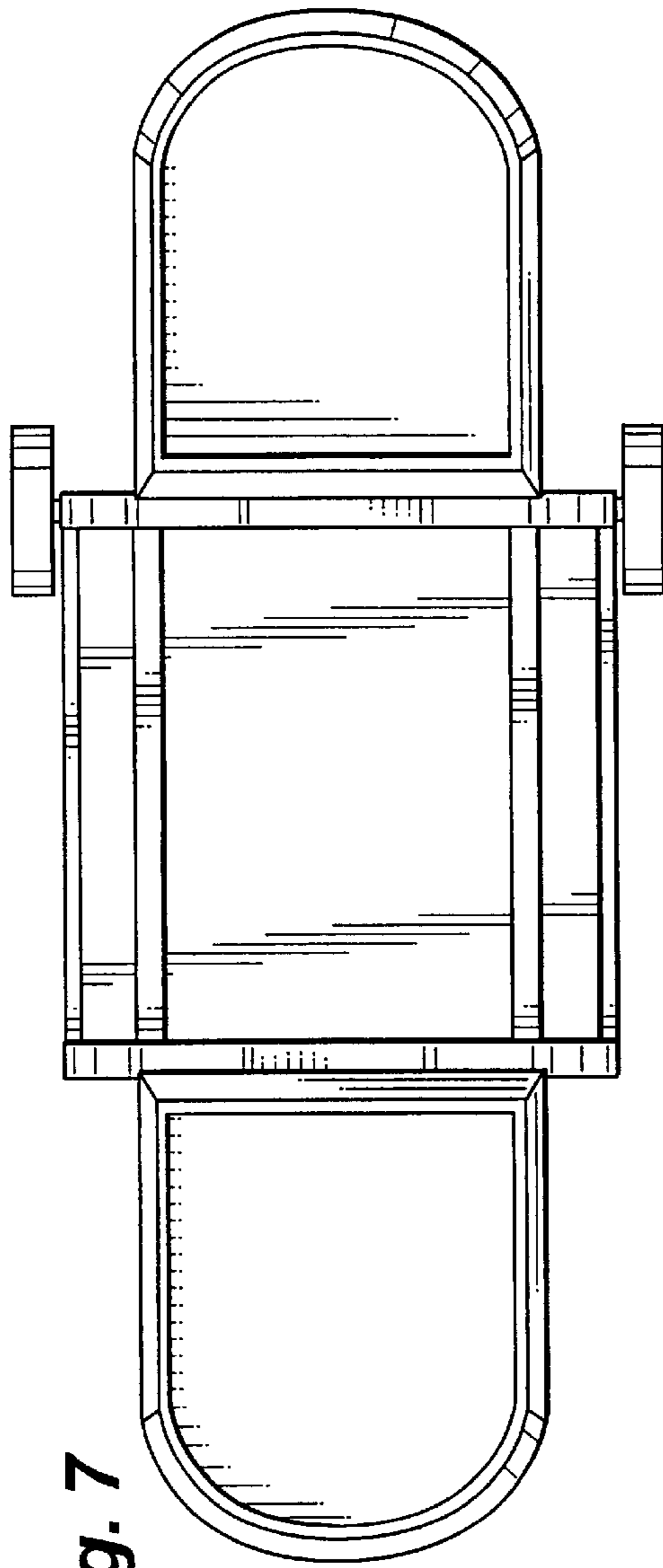


**Fig. 5**

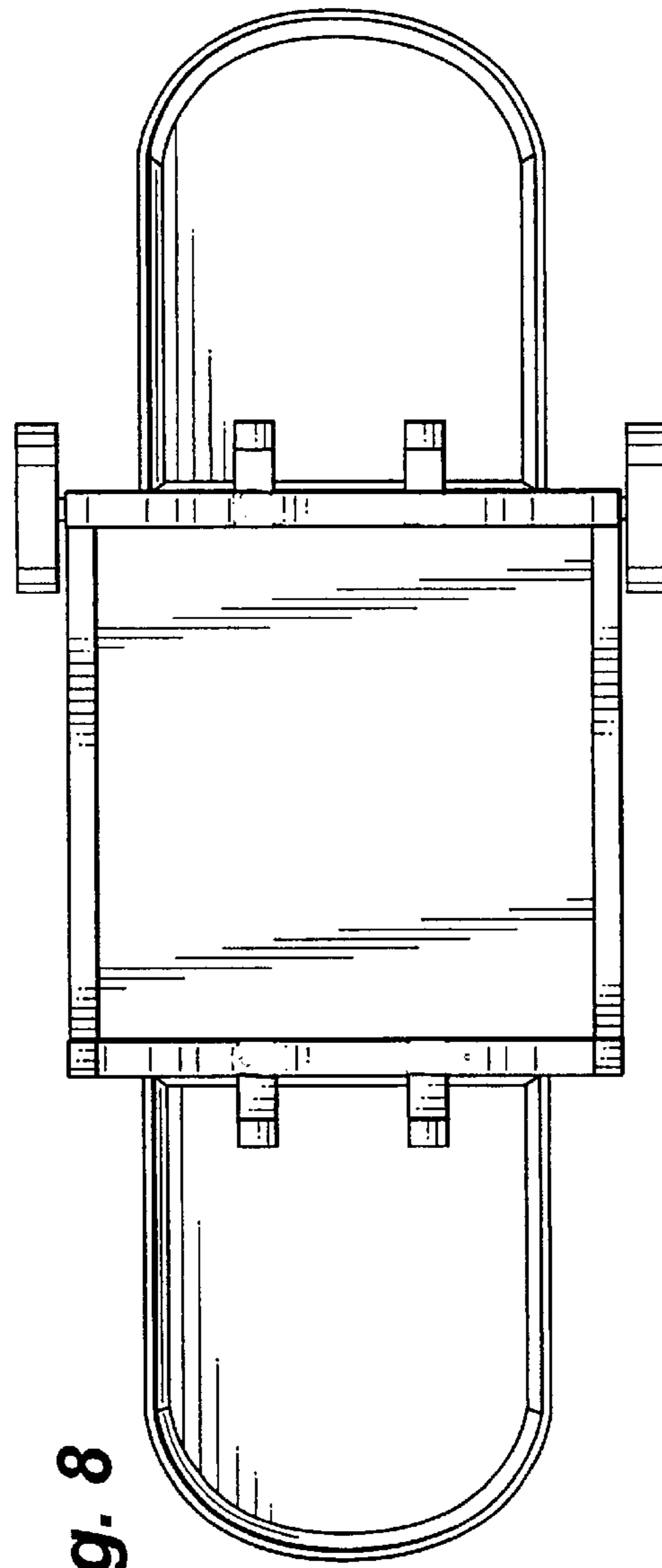


**Fig. 6**





**Fig. 7**



**Fig. 8**