



US00D616791S

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

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(45) **Date of Patent:** **** Jun. 1, 2010**

(54) **RAILROAD TIE HYBRID
EXTENDER/CONDUCTOR RAIL SUPPORT
INSULATOR**

3,437,765 A 4/1969 Harmsen
3,735,845 A 5/1973 Harmsen
4,216,904 A 8/1980 Vivion
4,318,462 A 3/1982 Weinhaus
4,728,030 A 3/1988 Hodgson

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

(21) Appl. No.: **29/339,380**

(22) Filed: **Jun. 29, 2009**

(51) **LOC (9) Cl.** **12-03**

(52) **U.S. Cl.** **D12/51**

(58) **Field of Classification Search** D12/42,
D12/45, 51, 47, 48, 49; 239/29, 33, 287
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

868,651 A	10/1907	Dinkey	
877,804 A	1/1908	Steinberger	
908,136 A	12/1908	Randolph	
909,335 A	1/1909	Potter	
917,501 A	4/1909	Steinberger	
928,709 A	7/1909	Steinberger	
1,068,233 A	7/1913	Fox	
1,101,058 A	6/1914	Case	
1,104,220 A	7/1914	Potter	
1,158,203 A	10/1915	Gollos	
1,167,772 A	1/1916	McGovern et al.	
1,334,877 A	3/1920	Taylor	
1,532,836 A	4/1925	Schmid et al.	
1,575,095 A *	3/1926	Buchanan	238/284
1,984,245 A	12/1934	Banks	
1,998,052 A	4/1935	Malm et al.	
2,048,367 A	7/1936	Banks	
2,129,706 A	9/1938	Richey	
2,502,756 A	4/1950	Schmid	
3,071,656 A	1/1963	Donaldson	

(Continued)

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(57) **CLAIM**

The ornamental design for a railroad tie hybrid extender/
conductor rail support insulator, as shown and described.

DESCRIPTION

FIG. 1 is a perspective top view of a railroad tie hybrid
extender/conductor rail support insulator of the present
invention.

FIG. 2 a left side elevation view of the railroad tie hybrid
extender/conductor rail support insulator of FIG. 1.

FIG. 3 is a right side elevation view of the railroad tie hybrid
extender/conductor rail support insulator of FIG. 1.

FIG. 4 is a top plan view of the railroad tie hybrid extender/
conductor rail support insulator of FIG. 1.

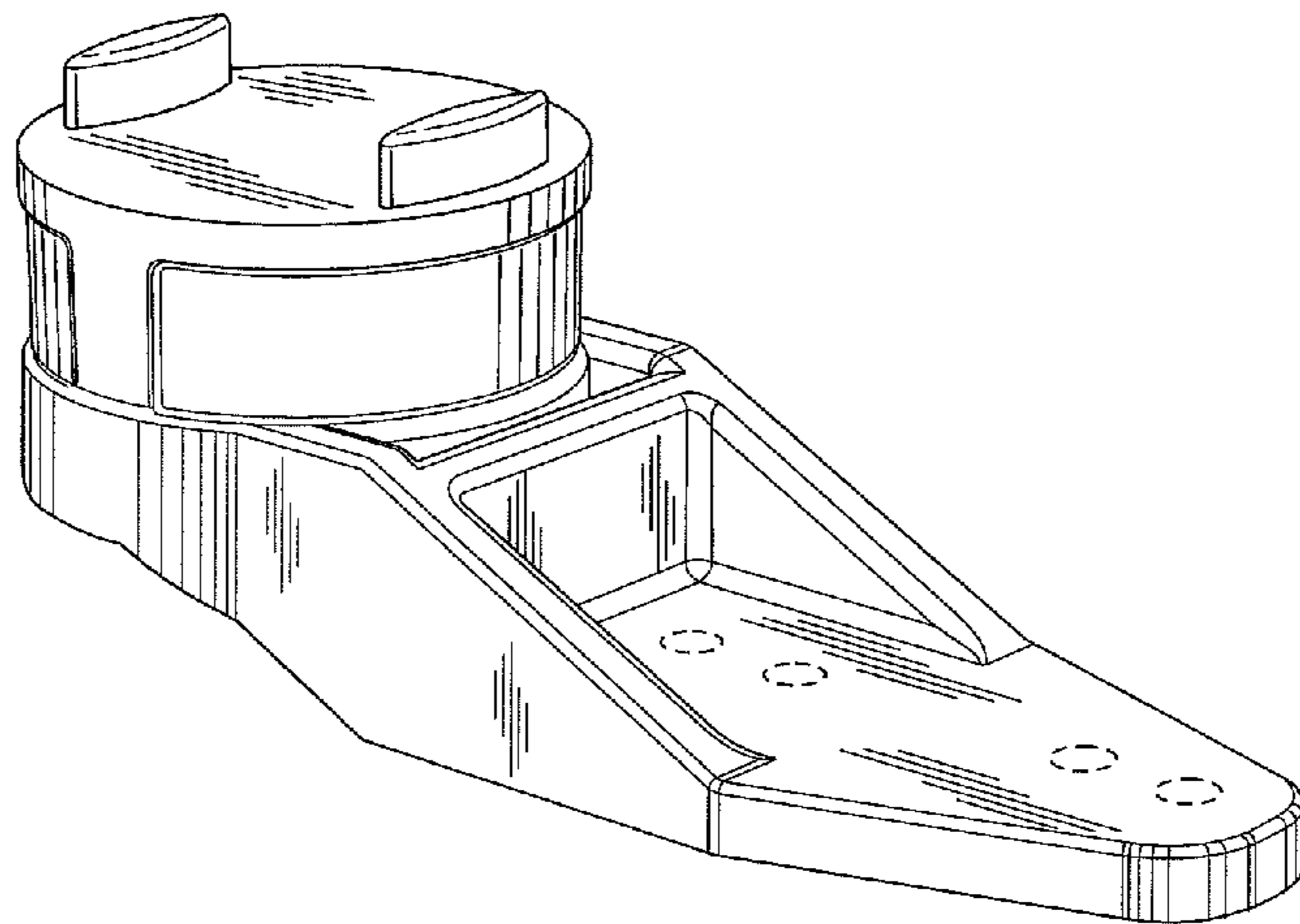
FIG. 5 is a bottom plan view of the railroad tie hybrid extend/
conductor rail support insulator of FIG. 1.

FIG. 6 is a front view of the railroad tie hybrid extender/
conductor rail support insulator of FIG. 1; and,

FIG. 7 is a rear view of the railroad tie hybrid extender/
conductor rail support insulator of FIG. 1.

In the drawings, the broken lines shown in the Figures depict
unclaimed subject matter only and form no part of the claimed
design.

1 Claim, 2 Drawing Sheets



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U.S. PATENT DOCUMENTS							
				6,021,958	A	2/2000	Smith
D345,119	S	*	3/1994 Cox	6,343,748	B1 *	2/2002	Pilesi et al. 238/310
			D12/51	6,572,027	B1	6/2003	Pilesi et al.
5,454,456	A		10/1995 McKenzie	6,672,441	B1	1/2004	Uremovic
5,730,357	A		3/1998 Besenschek et al.				
5,799,870	A		9/1998 Bayer				

* cited by examiner

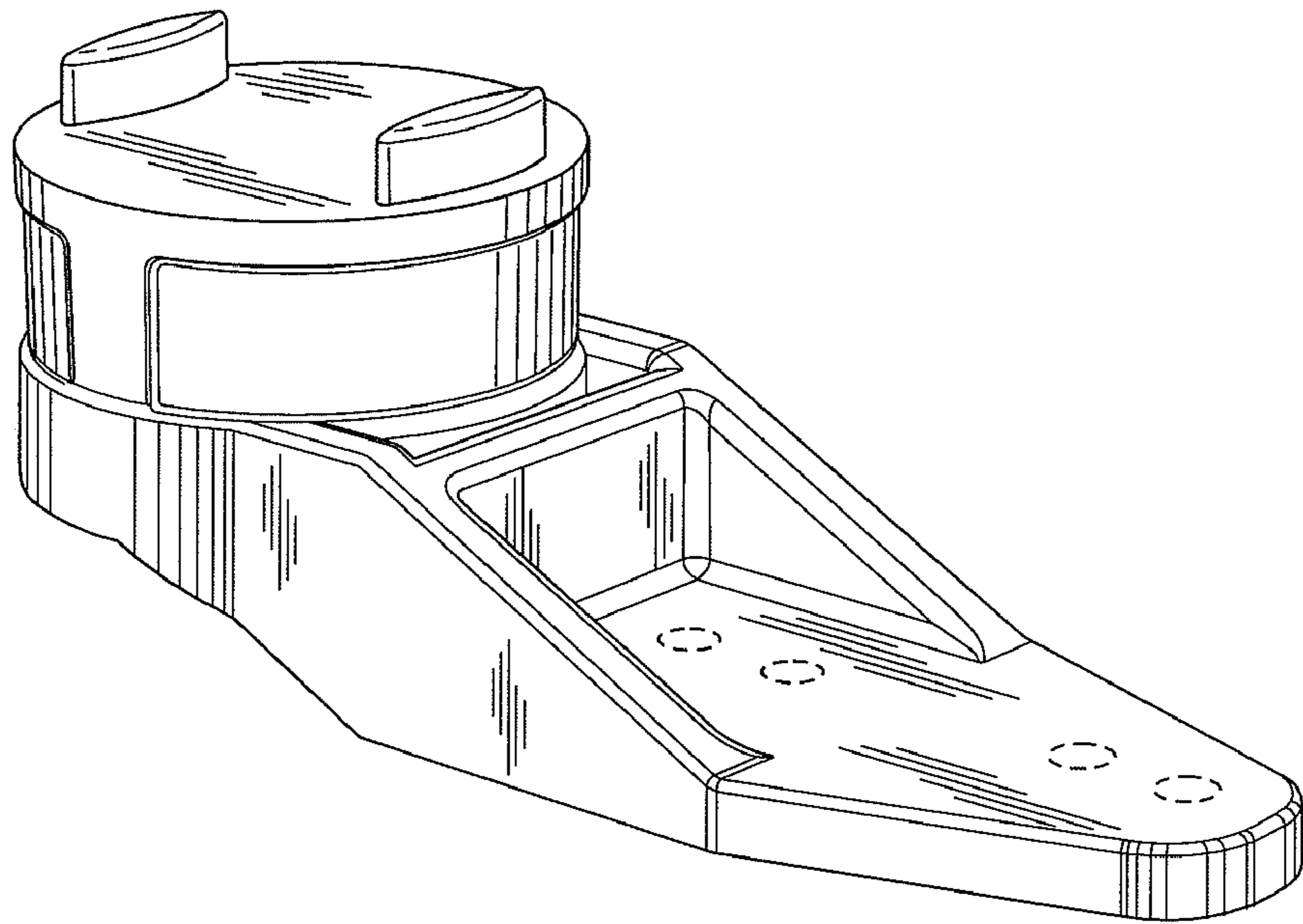


Fig. 1

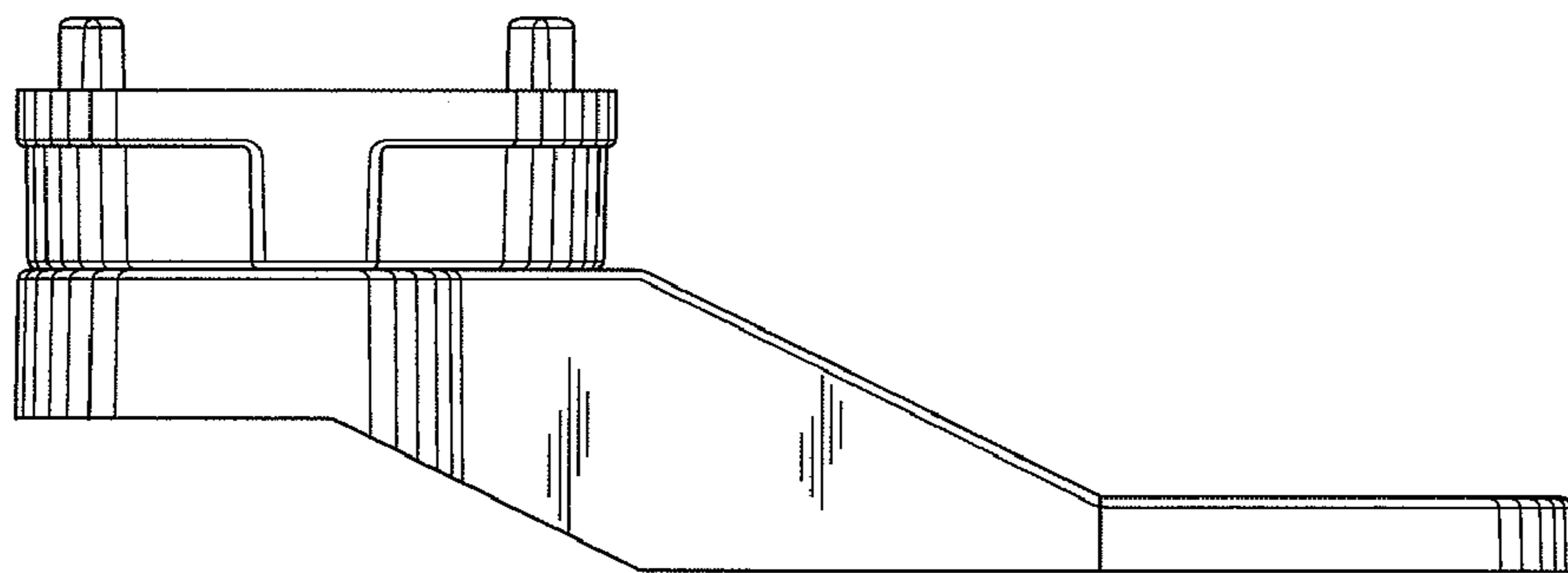


Fig. 2

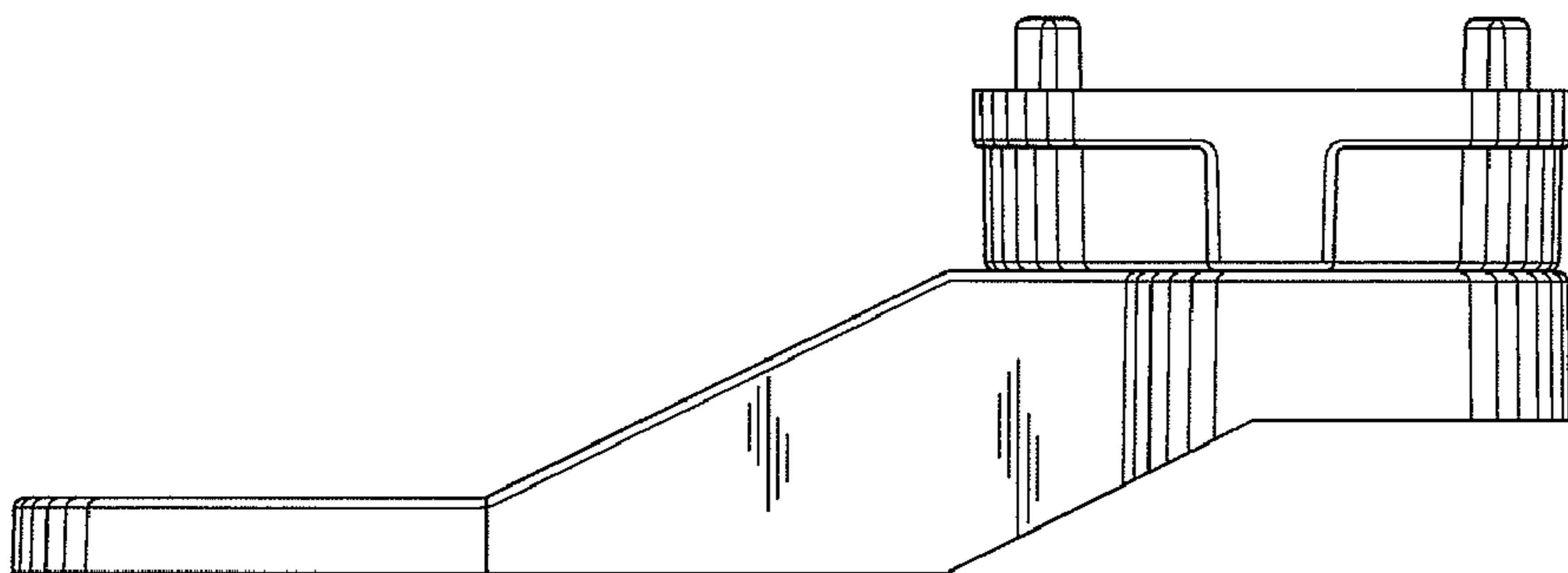


Fig. 3

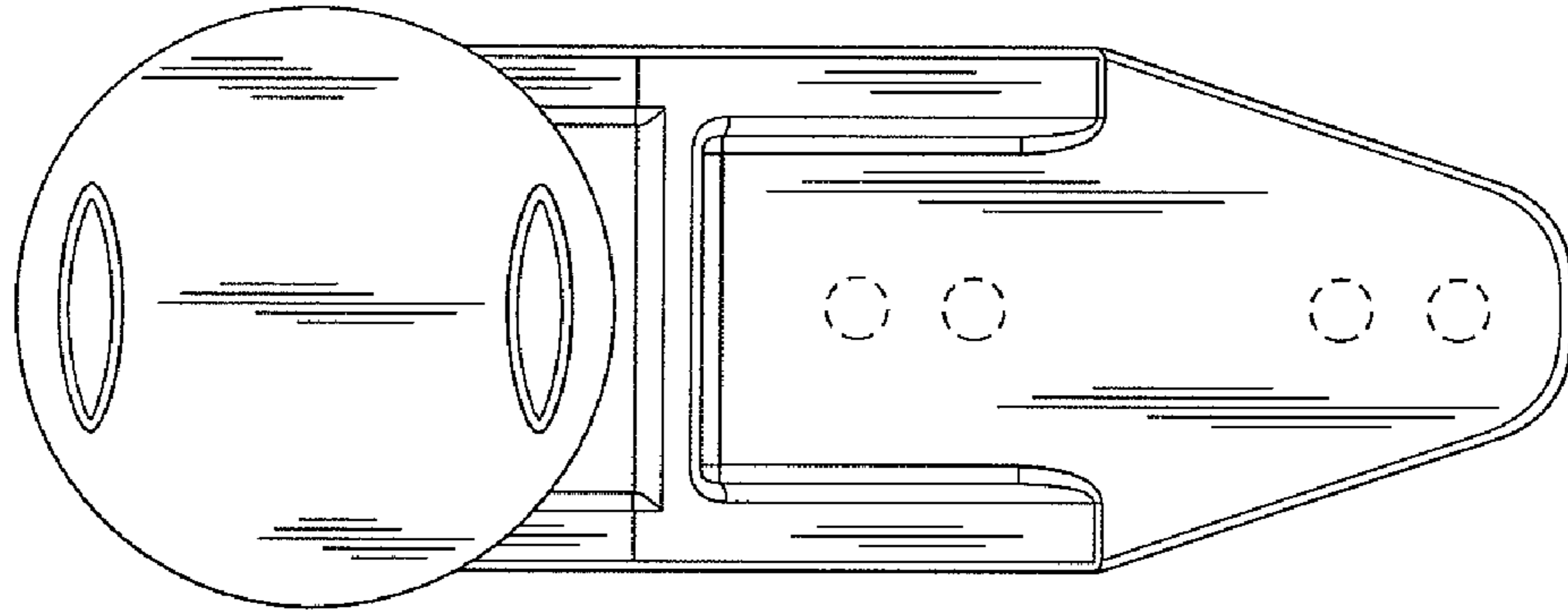


Fig. 4

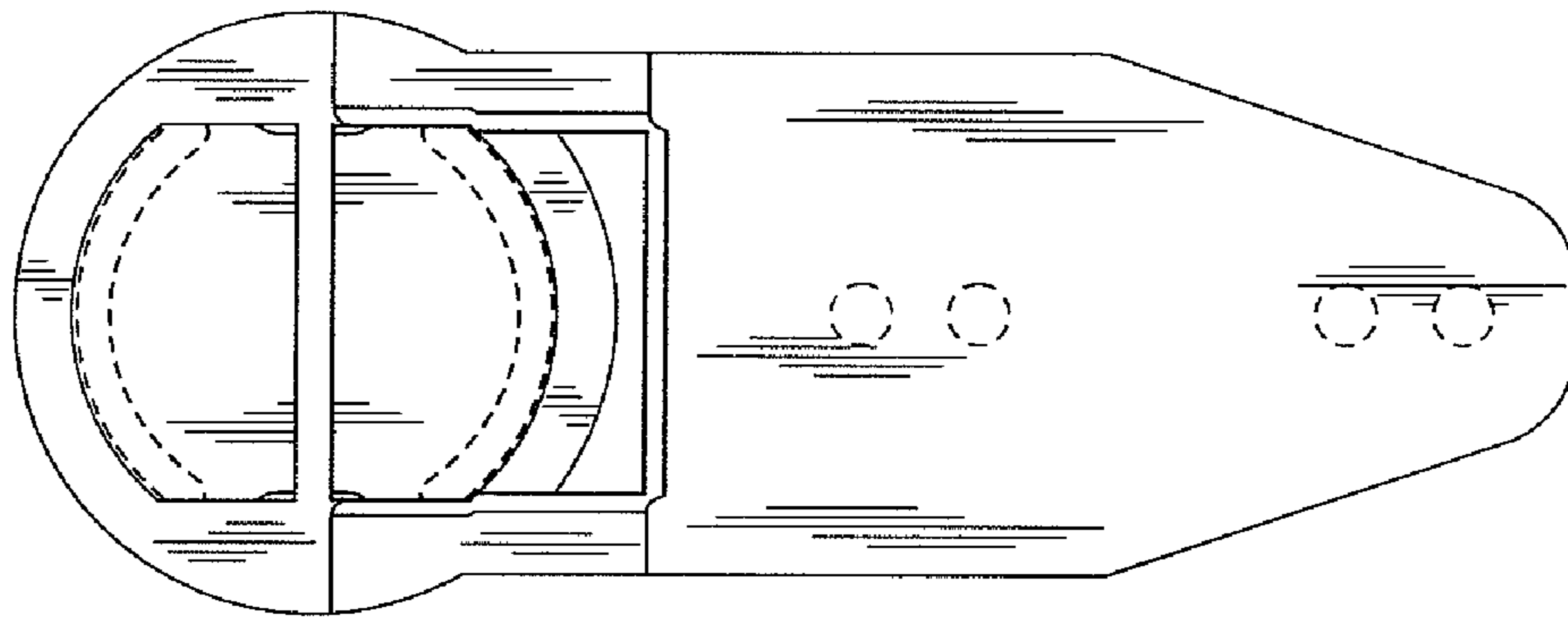


Fig. 5

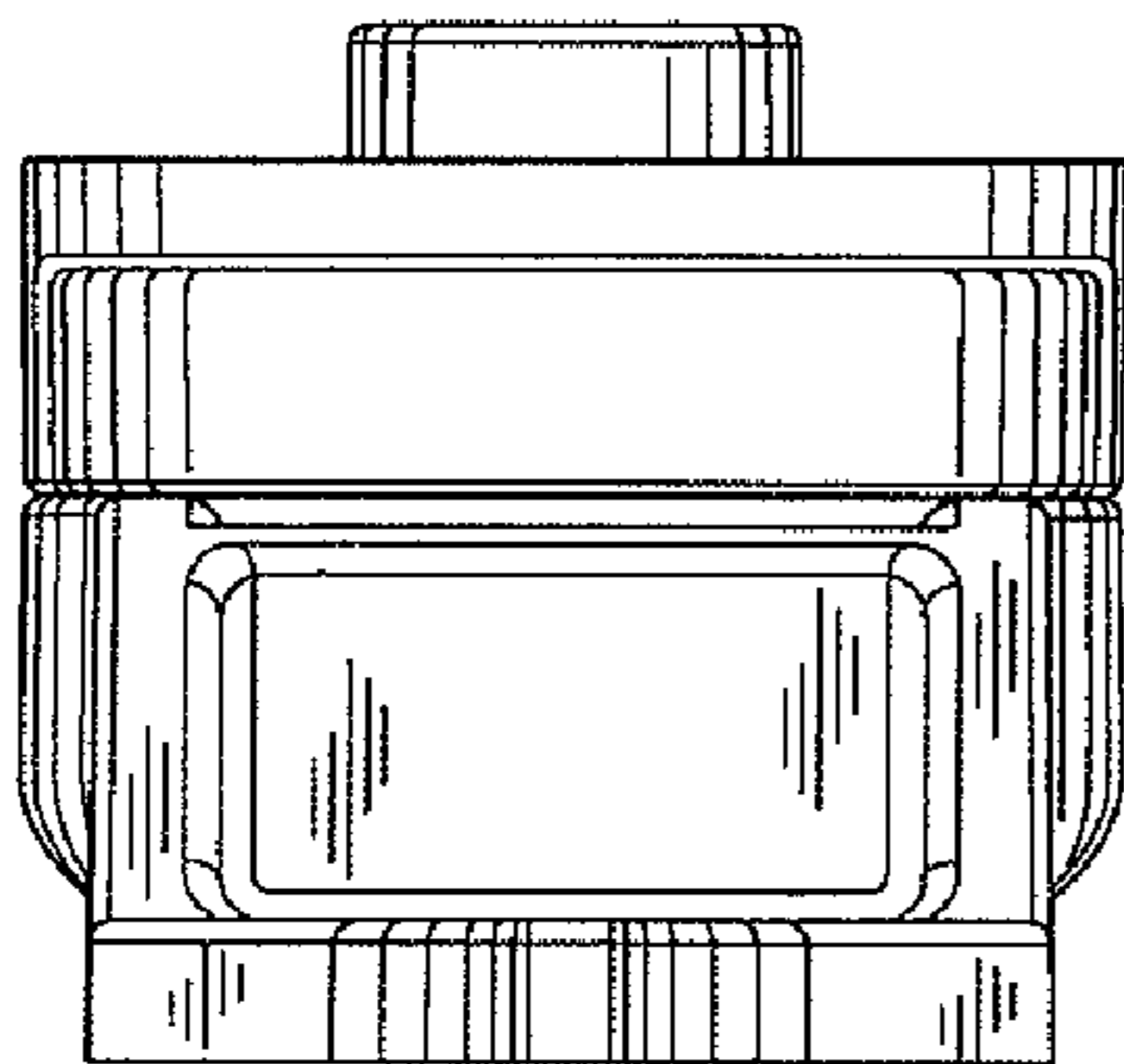


Fig. 6

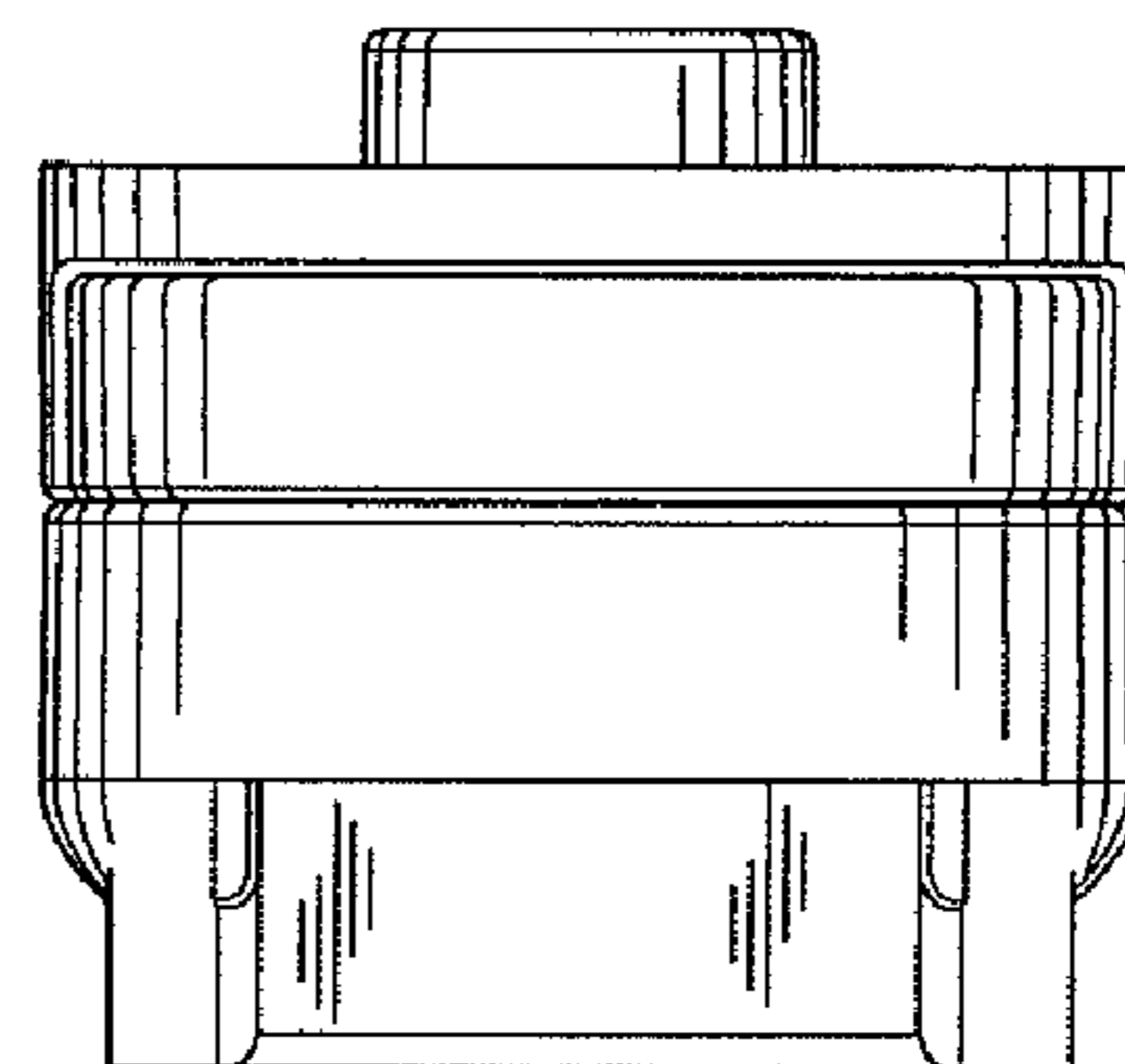


Fig. 7