April 5, 1932. F. E. TAYLOR ET AL 1,852,597

AQUARIUM

Filed Dec. 10, 1930

Fig. 1.

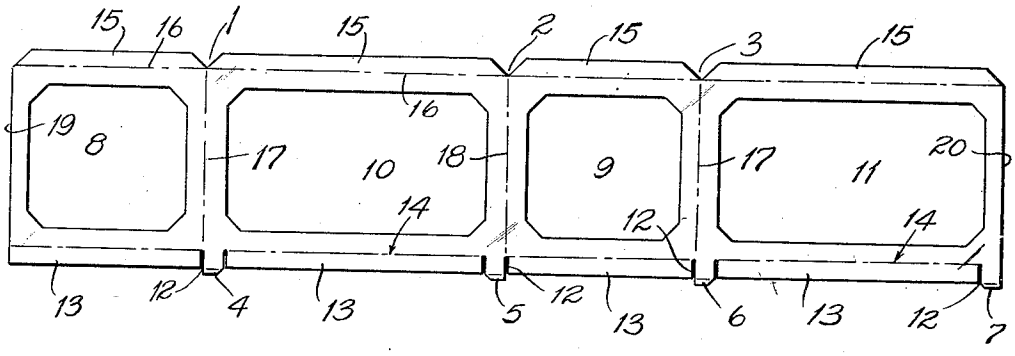


Fig. 2.

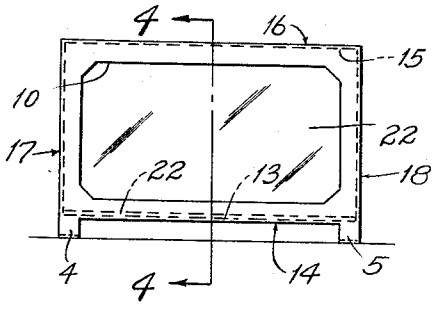


Fig. 3.

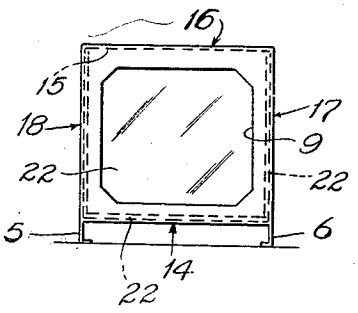
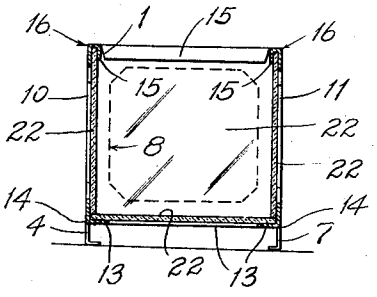


Fig. 4.



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Patented Apr. 5, 1932 1,852,597

UNITED STATES PATENT OFFICE

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AQUARIUM

Application filed December 10, 1930. Serial No. 501,261.

This invention relates to aquariums and more particularly to a combined steel and glass container which may be used as an aquarium or for other purposes.

The primary object of this invention is to produce a glass and metal container of great strength and durability at a minimum cost, the metal portion of which may be stamped from a single strip of sheet metal and formed into proper shape, welded together at a single point.

Other objects and advantages of this invention will be disclosed in the specification, claim and drawings, in which:

Fig. 1 shows the sides, ends and legs of our invention blanked from a single sheet of metal.

Fig. 2 is a side elevation of a completed structure.

Fig. 3 is an end elevation of a completed structure.

Fig. 4 is a cross-section along the line 4—4 in Fig. 2.

The preferred method of construction of our invention consists of the use of a strip of sheet metal blanked out, as shown in Fig. 1. The upper marginal edge of the blank is provided with three angle slots, designated as 1, 2 and 3. The lower marginal edge of the blank is provided with four depending projections, designated as 4, 5, 6, and 7. Cut-outs for the ends are designated as 8 and 9, and for the sides, as 10 and 11.

The metal is severed from the legs at 12, so that the lower portion 13 of the strip is turned inwardly at a rightangle along the line 14, forming a substantial support for the bottom, and at the same time strengthening the sides. Likewise, along the upper marginal edge 15 of the strip is turned inwardly at a rightangle along the line 16; likewise, the sides 10 and ends 8 are turned at rightangles; and, also, at 19, so that the portions 8 and 9 lay parallel with each other and the portions 10 and 11 lay parallel with each other and at rightangles to the portions 8 and 9, forming a complete quadrilateral.

When the metal is thus formed into shape, the edges 19 and 20 are welded together. Glass sides and bottom are formed by the introduction of panes of glass cut to snugly fit the iron framework, and which are embedded in suitable cement or putty having the characteristic of hardening under water.

Having fully described our invention, what we claim as new and useful and desire to protect by Letters Patent is:

An aquarium and receptacle of the class described, comprising a metal frame made of a single strip of sheet metal, said frame having four legs cut free on two sides so as to project downwardly in the same plane as the sides when the frame is formed into a quadrilateral, the side and end portions of said frame having both their upper and their lower marginal edges turned inwardly at rightangles to the sides and ends of said frame, glass sides, glass ends and a glass bottom disposed within said frame and cemented thereto.

In testimony whereof we have hereunto affixed our signatures this 20th day of November, 1930.

FAY E. TAYLOR.
JAMES M. CONWAY.