Feb. 2, 1926. 1,571,659

L. S. CONKLIN

DISPLAY RACK

Filed March 10, 1924

Fig. 1.

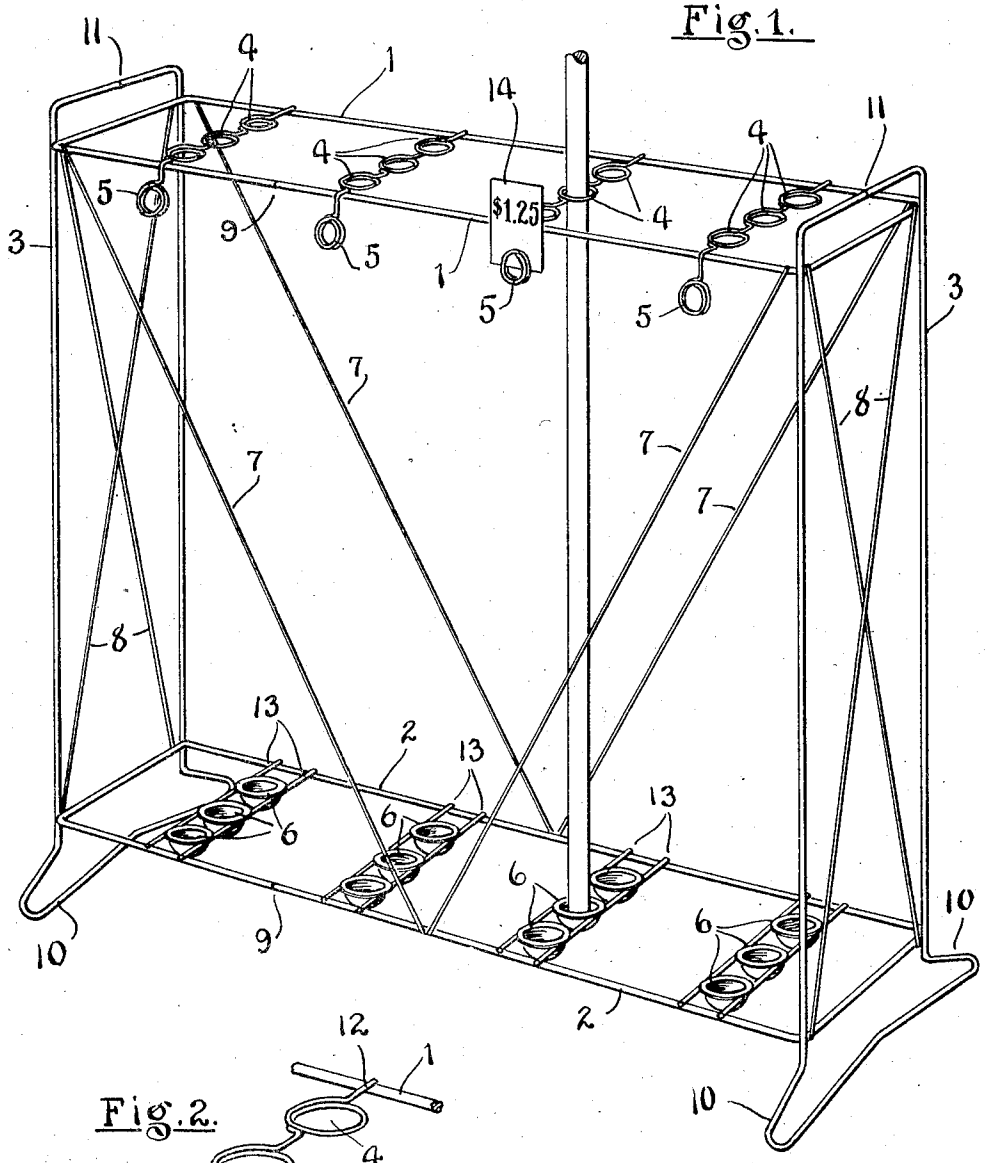
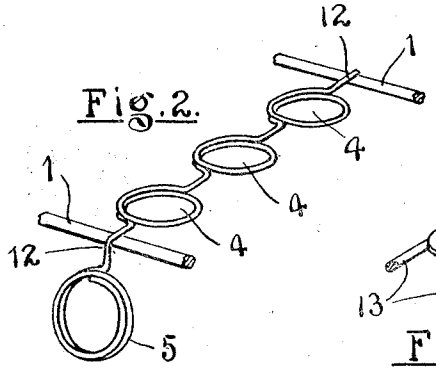


Fig. 2.



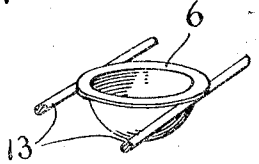


Fig. 3.

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UNITED STATES PATENT OFFICE.

LEE S. CONKLIN, OF GRAND RAPIDS, MICHIGAN.

DISPLAY RACK.

Application filed March 10, 1924. Serial No. 697,991.

To all whom it may concern:

Be it known that I, LEE S. CONKLIN, a citizen of the United States of America, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Display Racks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to display racks and more particularly to racks adapted to hold and display brooms in retail stores. The object of the invention is to provide a broom rack which will conveniently stand against a wall or in front of a counter or in the middle of a floor or in any convenient space, the rack being comparatively narrow from front to rear and holding the brooms in a vertical position so that, while they are prominently displayed and convenient for inspection, they will take up comparatively little floor space. The device is also provided with price tag holders which will conveniently receive the price tag to indicate the cost of the brooms and the whole structure is very simply and cheaply made and presents a neat and artistic appearance. The device is provided with various novel features of construction and arrangement as hereinafter more fully described and particularly pointed out in the claims, reference being had to the accompanying drawings in which,

Fig. 1 is a perspective view of a broom display rack embodying this invention.

Fig. 2 is a fragmentary perspective of one of the integrally formed groups of loops for receiving the broom handles, and

Fig. 3 is a fragmentary perspective of one of the sockets to receive the lower end of the broom handle.

Like numbers refer to like parts in all of the Figures.

The broom display rack comprises essentially an upper rectangular frame 1, a lower rectangular frame 2, end frames 3, upper broom handle receiving loops 4, price tag holders 5, lower sockets 6 and brace members 7 and 8.

The upper and lower frames 1 and 2 are identical and each is simply a rectangular elongated frame made from a single piece of reasonably heavy wire, the ends of which are joined by electrically welding them together as at 9. The end members 3 being identical are each formed of a single piece of heavy wire into the approximate shape of an elongated rectangle, their lower ends being broadened or extended outwardly to form feet 10, the ends of the wire of each frame being brought together and joined by electric welding as at 11.

The upper and lower frames 1 and 2 and the end members 3 comprising the main framework of the broom rack are arranged as shown, the lower frame 2 being spaced above the floor and the upper frame 1 being located slightly below the tops of the end members and the members are joined together where they contact each other by electric welding. The front and rear brace members 7 are simply straight pieces of wire preferably lighter than that used in the main frame members and these braces extend diagonally between the top and bottom frames 1 and 2 and are electrically welded to the respective members, preferably being arranged in V shape, as shown. The end brace members 8 are similar to the brace members 7 and extend diagonally across the end frames 3 and are preferably welded at their upper and lower ends to the respective upper and lower frames 1 and 2. The brace members arranged and fastened as shown and described, produce an exceedingly rigid structure.

The loops 4 located on the upper frame member 1 for the purpose of receiving and holding the upper portions of the broom handles are arranged in a plurality of rows or groups extending from front to rear of the frame and all of the loops of each group are formed of a single piece of wire 12 which is bent and coiled and extended from one loop to the next and is also bent and coiled to form a price tag holder 5 as an integral member of this group. The construction of a group of loops 4 and price tag holder 5 is illustrated in Fig. 2, the wire 12 commencing and extending transversely of the frame in a straight line a short distance and then looped one complete turn and a half and is then continued in a straight line to the next loop where the operation is repeated until the three loops comprising a group are formed and the wire then continues in a straight line passing over one side of the frame member 1 and thence extends downwardly and is coiled two complete revolutions to form the price tag

holder 5, the coils of which normally lie close to each other but are separable when the price tag is inserted between them. Each group of loops is fastened to the upper frame member 1 by being electrically welded thereto.

The lower sockets 6 which receive the lower ends of the broom handles are each formed in the shape of metallic cups having rims which are supported by cross rods 13 to which they are welded and the cross rods in turn are welded to the side members of the lower frame 2, the sockets 6 are arranged in groups to correspond with the upper loops 4 and are located directly beneath them. The handles of the brooms to be displayed are inserted through the loops 4 and their ends rest in the sockets 6 and it is intended that brooms of one price shall be arranged in one group and brooms of another price in another group in the rack and the price tag 14 inserted in the holder 5 directly in front of each transverse row or group of brooms shows the price of the brooms in that row.

I claim:

1. A broom display rack comprising an upper rectangular frame made from a single piece of wire, a lower rectangular frame also made from a single piece of wire, two end frames also of rectangular shape each made from a single piece of wire and suitable brace rods, said frames being connected together to form a rack, a plurality of pairs of wires located between the sides of the lower frame, cups carried by said pairs of wires and a single wire for each pair of wires and cups associated therewith disposed between the sides of said upper frame, each of said single wires being formed into a plurality of coils one for each cup, said pairs of wires being secured to the sides of said lower frame and said single wires being secured to the sides of the upper frame.

2. A broom display rack comprising an upper and lower rectangular frame and two end frames of rectangular shape connected together, a plurality of pairs of rods located transversely across the lower frame and secured to its sides, flanged cups carried by and between each of said pairs of rods, and a single wire for each of said pairs of rods disposed transversely across and connected to the sides of said upper frame, each of said wires being formed into a plurality of spaced apart coils one for each cup directly below the same.

In testimony whereof I affix my signature.

LEE S. CONKLIN.