

P. H. SHAFER.
WHIP RACK.
APPLICATION FILED JAN. 14, 1910.

978,945.

Patented Dec. 20, 1910.

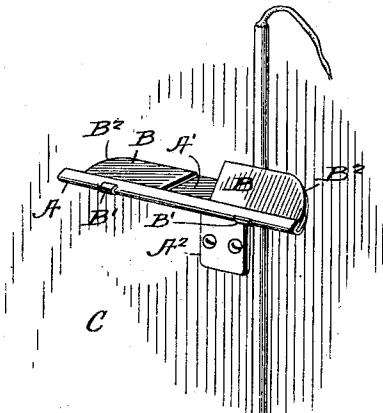


Fig. 1.

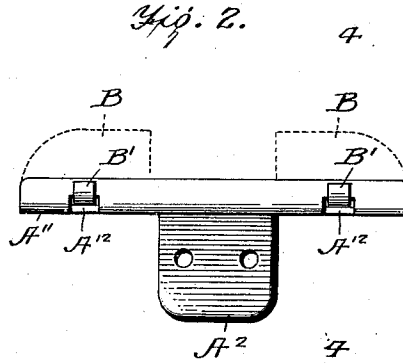


Fig. 2.

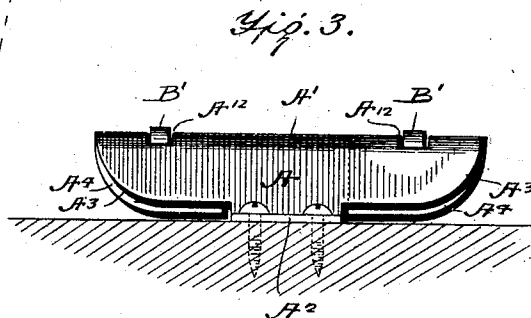


Fig. 3.

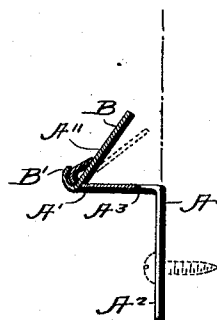


Fig. 4.

WITNESSES:

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WHIP-RACK.

978,945.

Specification of Letters Patent. Patented Dec. 20, 1910.

Application filed January 14, 1910. Serial No. 538,122.

To all whom it may concern:

Be it known that I, PETER H. SHAFER, a citizen of the United States, and a resident of Ingram, in the county of Rusk and State of Wisconsin, have invented certain new and useful Improvements in Whip-Racks, of which the following is a specification.

This invention is an improvement in whip racks and consists in certain novel constructions and combinations of parts as will be hereinafter described and claimed.

In the drawing Figure 1 is a perspective view of the rack as in use; Fig. 2 is a front view thereof, the pawls being elevated in dotted lines; Fig. 3 is a bottom plan view of the rack; Fig. 4 is a cross section on about line 4—4 of Fig. 2.

The rack is composed of the body A and the pawl plates B. The body A has a table plate A' and a face plate A², the latter dropping from the inner edge of the table plate at the center of the table plate and the latter having its inner edges A³ on opposite sides of the face plate spaced away from the plate sufficiently to form spaces A⁴ to receive the whips between the edges A³ and the support C in the use of the invention as shown in Fig. 1. The spacing at A⁴ is best shown in Figs. 3 and 4.

At its outer edge the table plate A' is returned upwardly producing a hook like formation A¹¹ along its outer edge which operates to strengthen and give rigidity to the table plate and also to furnish bearings for the hook like tongues B' of the pawl plates B. These plates B are rounded at their ends toward the inner edge at B² to facilitate the introduction of a whip as presently described and they fit at their outer edges below the hook formation at A¹¹ and project, when lowered, beyond the inner edges A³ of the table plate so they will be lifted to an inclined position as shown in Figs. 1 and 3 to operate with a pawl or gripping cam action upon a whip when the latter is slipped between the inner edge of the pawl plate and the support as shown in Fig. 3.

In connecting the pawl plates pivotally with the body, I prefer to provide the pawls at their outer edges with the projecting tongues B' bent into hook form and operating in openings A¹². By this construction the pawl plates are pivotally interlocked with the table plate A' by the integral con-

struction of the parts A and B, thus dispensing with connecting parts and the pawl plates will be held from accidental displacement or disconnection from the body portion A when the parts are connected as shown in the drawing and before described. To insert a whip in the rack it is only necessary to swing the whip with a slight upward movement against the inclined end edge B² of the pawl plate lifting the same to permit the passage of the whip back of the pawl plate when in dropping the whip the pawl plate will bind the whip with a gripping action—see Fig. 4—and securely hold the same. The device readily adjusts itself to whips of different sizes. Manifestly the device can be enameled, nickeled or otherwise finished to suit the trade for which it may be designed.

It will be understood that the object of the rack is to hold a whip in such manner as to keep it straight, the whip being suspended from near the tip and a whip may be slipped into or removed from the rack in a dark room by sliding the whip along the wall with a slight upward motion.

I claim—

1. A rack substantially as described, composed of a table plate, a face plate at the inner edge of the table plate at the center of the latter, said table plate having its inner edge on opposite sides of the face plate spaced therefrom and the outer edge of the table plate being returned on its upper side forming a hook like seat having openings spaced apart, and pawl plates inclined at their ends and provided at their outer sides with hooked tongues operating in the openings in the returned outer edge of the table plate as and for the purpose set forth.

2. A rack composed of a table plate having a face plate at a right angle thereto for connection with a support and spaced at its inner edge alongside said face plate to provide a slot for the entrance of the article to be held and a pawl plate connected pivotally at its outer edge to the table plate and projecting at its inner edge inwardly beyond the spaced inner edge of the table plate substantially as set forth.

PETER H. SHAFER.

Witnesses:

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