No. 730,256. PATENTED JUNE 9, 1903.

G. W. GUGLER.

CINCH BUCKLE.

APPLICATION FILED DEC. 3, 1902.

NO MODEL.

Fig. 1.

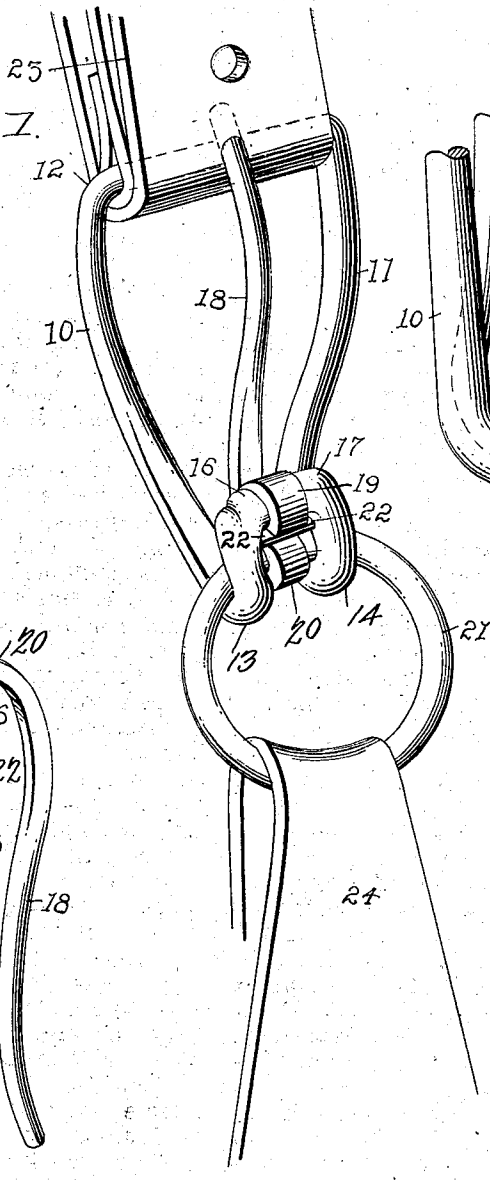


Fig. 3.

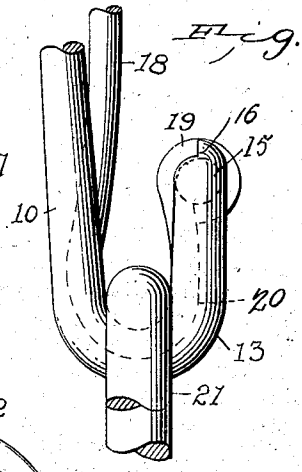
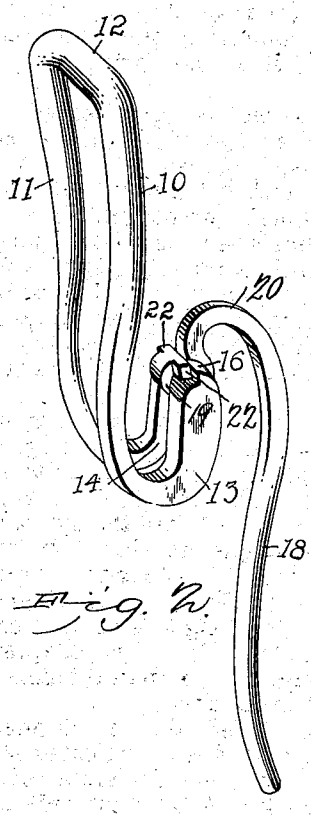


Fig. 2.



Witnesses

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THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

No. 730,256. Patented June 9, 1903.

UNITED STATES PATENT OFFICE.

GODFREY WILLIAM GUGLER, OF GLENWOOD, WISCONSIN.

CINCH-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 730,256, dated June 9, 1903.

Application filed December 3, 1902. Serial No. 133,740. (No model.)

To all whom it may concern:

Be it known that I, GODFREY WILLIAM GUGLER, a citizen of the United States, residing at Glenwood, in the county of St. Croix and State of Wisconsin, have invented a new and useful Cinch-Buckle, of which the following is a specification.

This invention relates to buckles for harness, more particularly to buckles used upon saddles and known as "cinch-buckles," employed for the purpose of securing the cinches or girths, but may be employed in connection with other portions of the harness or for purposes other than for harness-buckles, if required; and I do not, therefore, wish to be limited in the use of the device in connection with any specific structure or for any specific purpose, and claim the right to the use of the device for any purpose and in connection with any structure or article to which it is adapted.

As before stated, the device is more particularly applicable to supporting and controlling the cinches or girths of riding-saddles, and has for its object the production of a device which will combine in one frame all the advantages of an ordinary buckle, together with a readily-detachable means for supporting the cinch or girth; and the invention consists in certain novel features of construction, as hereinafter shown and described, and specified in the claims.

In the drawings illustrative of the invention, Figure 1 is a perspective view of the device applied. Fig. 2 is a perspective view of the buckle-frame with the tongue in its reversed position. Fig. 3 is an enlarged side elevation of the lower portion of the buckle frame and tongue, illustrating the relative arrangement of the parts more fully.

The improved device consists of a supporting-frame formed with a hook-shaped end and provided with a tongue movably connected thereto and provided with a similar hook-shaped portion, the hook-shaped portions adapted to support a ring or other part of the harness or saddle attachments in position to be readily disconnected by the reversal of the position of the hooked tongue.

The frame of the buckle consists of spaced side members 10 11, connected at one end by a transverse bar 12, and with the other ends bent to form a hook, as shown at 13 14, the bent ends connected by a transverse bar 15, as indicated, the bar 15 being preferably smaller in diameter than the adjacent portions 13 14, whereby shoulders are left upon the extremities of the parts 13 14, as indicated at 16 17.

The tongue member is indicated at 18 and formed with an eye 19, engaging the bar 15 movably, and provided with a hook-shaped portion 20, conforming in interior outline to the hook-shaped members 13 14, as shown in Fig. 3, so that when the hook is moved into the position shown in Figs. 1 and 3 the three portions 13, 14, and 20 will lie in substantial transverse alinement and form an open hook-shaped portion adapted to receive a ring 21 or other part of the saddle attachments or the harness.

The eye portion 19 of the tongue will be formed with laterally-projecting lugs 22, adapted when the tongue is in its reversed position, as shown in Fig. 2, to engage the shoulders 16 17 and limit the outward movement of the tongue, as will be obvious.

The free end of the tongue 18 will extend into engagement with the transverse member 12 when the tongue is in its closed position, as shown in Fig. 1, and adapted to engage and support a strap in the same manner as an ordinary buckle.

When employed as a cinch-buckle, the saddle straps or billets (indicated at 23) will be coupled to the buckle-frame and held in place by the tongue 18 in the ordinary manner, and the cinch or girth strap (indicated at 24 and provided with the usual ring 21) will be connected to the buckle by looping the ring over the hook portion of the buckle, as shown in Fig. 1, and when the billet 23 is in position the tongue 18 will firmly support the device and maintain the cinch or girth intact. By this means the girth may be tightened to any desired extent by the rider without dismounting by simply drawing upward upon the billets 23, the latter being within easy reach from the saddle.

When it is desired to release the cinch or girth, it is only necessary to draw upon the billet to release the free end of the tongue 18, when the latter can be thrown over into open position, (shown in Fig. 2,) carrying the ring

21 with it and delivering it from the hooked members 13 14, and thereby releasing the girth.

This makes a very simple, complete, and easily-operated device for the purpose designed which is completely under the control of the rider when employed in connection with saddles and which will be equally as convenient when employed in connection with other portions of the harness. It may be constructed of any desired size to adapt it to any size of harness or saddle or for other purposes to which it may be adapted and may be modified in minor particulars without departing from the principle of the invention or sacrificing any of its advantages.

The side members 10 11 will preferably be arranged converging toward the hooked end, as shown, whereby the tongue member is closely engaged at the sides and operative between and laterally supported by the side members. This feature adds materially to the value of the invention and prevents undue lateral movement to the tongue.

Having thus described the invention, what is claimed is—

1. A buckle comprising an open frame bent at one end to form a hook and provided with a transverse connecting-bar, and a tongue member movably connected to said transverse bar by one end and turned backwardly at said end to form a hook in conformity to the hook-shaped portion of said frame and extended into engagement with the frame and forming the tongue member of the buckle, said frame and tongue forming a hook-like support for a ring or other member detachable from the buckle-frame by the outward movement of the tongue.

2. A buckle comprising a frame formed of spaced side members transversely united at one end, and bent at their other ends to form a hook, said hooked ends being connected by a transverse bar, and a tongue member movably connected to said transverse bar by one end and bent and turned backwardly to form a hook in conformity to the hooked portion of said frame and extended between said hooked ends in transverse alinement therewith, a hook-like support being formed for a ring or other member detachable from said buckle-frame by the opening of the tongue.

3. A buckle comprising a frame formed of spaced side members transversely united at one end and bent at the other end to form hooks with the hook-shaped ends connected by a transverse bar having shouldered stops, and a tongue member movably connected to said transverse bar and backwardly turned and conforming with the hooked portion of said frame and extended into engagement therewith and provided with lateral stops adapted to be engaged by said shouldered stops when said tongue is in its reversed position to limit its outward movement, substantially as described.

4. A buckle comprising a frame formed of side members spaced apart and converging toward one end and bent to form a hook, the converging hooked ends united by a transverse bar, a tongue member movably connected by one end to said bar and operative between said side members and backwardly turned near said connected end to conform to the hooked ends of said frame and extended in engagement therewith, a hook-like support being formed for a ring or other member.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

GODFREY WILLIAM GUGLER.

Witnesses:
H. H. DEAN,
CHARLES GREEN.