

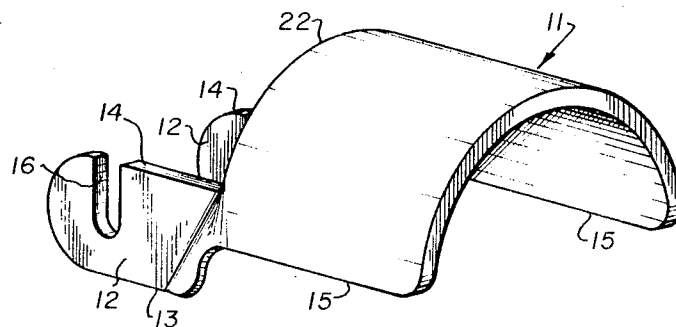
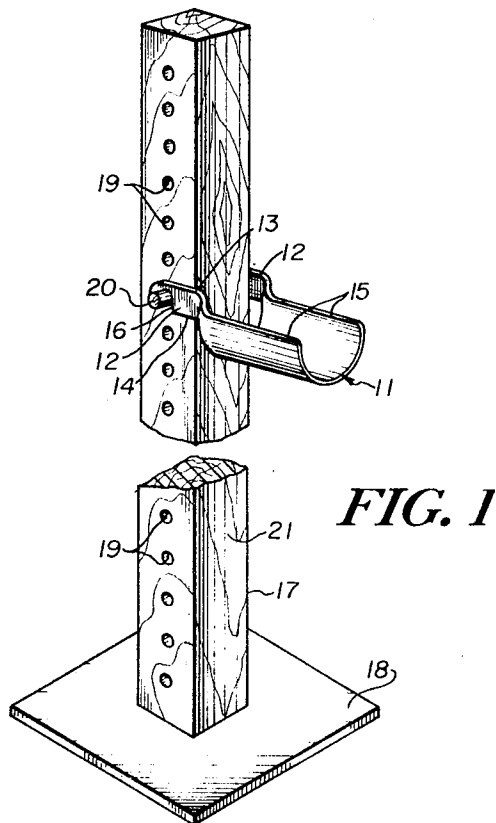
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JUMP CUP

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3,514,062
JUMP CUP

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2 Claims

ABSTRACT OF THE DISCLOSURE

Jump cups for holding bars for horses to pump over, in which a hemicylindrical cup is provided with coaxial, rearwardly extending slotted arms, the slots of which fit over pins on a post.

BACKGROUND OF THE INVENTION

Field of invention

This invention relates generally to supports (commonly called jump cups), and particularly to adjustably jump cups.

Prior art

In equitation, the horse is commonly ridden over various jumps, including horizontal bars. Such bars must be supported in such a manner that a light contact will not necessarily displace the bar from the support. Yet a firm contact should displace the bar, in order not to injure the horse. If the support should be too rigidly held, the contact of the horse might result in severe injury to horse and rider. Supports for bars do not always attain such ends. These supports may be difficult to adjust, may hold the bar precariously, or hold the bar too rigidly.

SUMMARY OF THE INVENTION

It has been found that a jump cup can be devised which is easily adjusted as to height, holds the bar firmly, yet subject to displacement upon heavy contact, and does not yield the bar upon light contact. Such a cup has a concave bar support and rearwardly extending slotted arms. The slots embrace pins in the post and are readily disengaged for height adjustment of the jump cup.

DESCRIPTION OF DRAWINGS

These objects and advantages as well as other objects and advantages may be attained by the device shown by way of illustration in the drawings in which

FIG. 1 is a perspective view of a jump cup attached to a post;

FIG. 2 is a perspective view of a jump cup, upside down.

PREFERRED EMBODIMENT

The jump cup is made of any suitable material, but heavy gauge steel is preferred for its lightness, rigidity, and strength. A cup 11 is formed, having a concave upper surface and a corresponding convex bottom surface. Preferably, the concave surface should describe a hemicylinder. At the end (the rear) of the hemicylinder, a pair of arms 12 generally parallel to the central axis of the cup 11 and to each other, are formed integrally therewith. The arms 12 extend rearwardly from the cup 11, having their top 13 and bottom 14 edges respectively above and below

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the top edge 15 of the cup 11. The bottom edge 14 has a generally perpendicular slot 16.

The jump cup 11 is applied to a post 17. The post 17 may be implanted in the ground, or mounted on a suitable base 18. The post has numerous holes 19. A pin 20 is inserted in a hole 19 at the selected height. A similar pin 20 is inserted in a corresponding hole 19 on the opposite side of the post 17. The jump cup 11 is now placed against the front side 21 of the post and the slots 16 are moved to embrace the pins 20. The rear edge 22 of the jump cup 11 is so dimensioned that it will engage the front side 21 of the post 17 and maintain the longitudinal axis of the cup 11 horizontal, i.e. the cup 11 will be substantially perpendicular to the vertical post 17.

The foregoing description is merely intended to illustrate an embodiment of the invention. The component parts have been shown and described. They each may have substitutes which may perform a substantially similar function; such substitutes may be known as proper substitutes for the said components and may have actually been known or invented before the present invention.

What is claimed:

1. A jump cup comprising

- (a) a hemicylindrical cup open at each end,
- (b) coaxial, parallel arms on the cup extending as a continuation thereof from one open end of the cup and dimensioned to embrace a portion of a post,
- (c) slots, extending in a general upward direction, from the bottom of the arms adjacent the bottom of the hemicylinder and dimensioned to receive a pair of pins on the side of the post,
- (d) both said arms being parallel to the axis of the hemicylindrical cup but both offset from said axis in the same direction so as to allow the rear edge of the said one open end of the cup spaced sufficiently away from the slots to engage the front of the post, and to support the cup in a horizontal position with the concave side up.

2. A jump cup according to claim 1 in combination

- (a) a generally vertical post front,
- (b) pins extending outwardly from the sides of the post, and engaged with the slots,
- (c) the front of the post engaged with the rear edge of the cup.

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