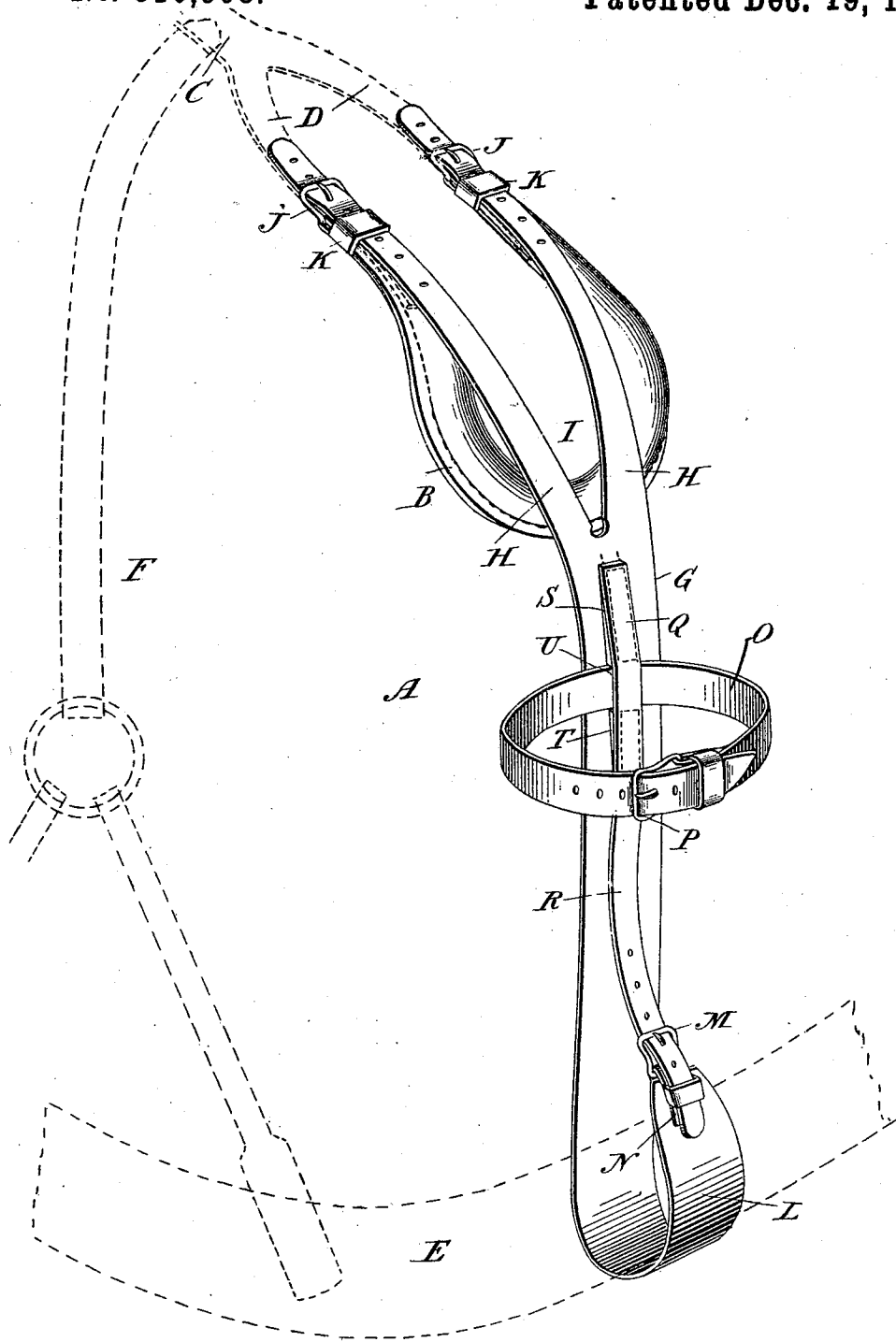


(No Model.)

J. G. GARMAN.
HARNESS.

No. 510,908.

Patented Dec. 19, 1893.



WITNESSES:

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SPECIFICATION forming part of Letters Patent No. 510,908, dated December 19, 1893.

Application filed March 11, 1893. Serial No. 465,525. (No model.)

To all whom it may concern:

Be it known that I, JOHN G. GARMAN, a citizen of the United States, residing in Annville, in the county of Lebanon and State of Pennsylvania, have invented certain new and useful Improvements in Harness, of which the following is a specification.

This invention relates to a harness for horses, and particularly to wagon and carriage harness, and aims to provide an improved attachment for preventing the passage of the reins upwardly under the horse's tail.

In carrying out the preferred form of my invention, I provide a strap, connected at top to the usual crupper, and at bottom to the breeching, and having intermediate of these parts a loop for engaging the tail of the horse, whereby, should the reins pass under the tail, they will be prevented from rising above this loop, which, being disposed at the flexible part of the tail, will arrest the reins at a point where they can readily be withdrawn by a slight pull.

In the accompanying drawing, which is a perspective view of the preferred form of my invention showing the adjacent parts of the harness in dotted lines, let A represent my improved attachment, B the usual crupper loop of a harness, C the back strap, which as usual extends along the horse's back from the hame-strap or gig-saddle to the crupper, D the buckle straps for connecting the back strap and crupper, E the usual breeching which passes around the buttocks of the horse, and F the hip-strap between the back strap and breeching for supporting the latter.

According to my invention I provide a loop engaging the horse's tail beyond the root thereof, and a connection between this loop and some adjacent part of the harness for preventing the upward passage of the reins in case they get under the tail during switching of the latter. Preferably this is accomplished by vertical strap G, which is a broad strap of tolerably thick leather, divided at its upper end into two narrow buckle straps H H, which are separated to leave a sufficient space I between them for the convenient passage of the horse's tail, and which are perforated at their upper ends and are respectively engaged by respective crupper buckles J J at

the upper ends of the crupper, the straps passing under the crupper buckle loops K and then through the buckle after the latter has engaged the corresponding end of the buckle-strap D which passes through the buckle J and loop K beneath the strap H. The strap G extends downwardly and is doubled on itself at its lower end to form a breeching loop L, through which the breeching E passes, and thence the end of the strap rises and carries a buckle M, the loop of which is held against the thick end of the strap G by a narrow tie strip N sewed over the latter. Intermediate of its ends the strap G carries a loop O for engaging the tail below the root thereof and at or near the flexible portion thereof. This loop O may be variously constructed, of any material, and connected to the strap G in any convenient manner. I prefer to construct it of a narrow leather strap, carrying a buckle P at one end, and perforated at its other end to engage this buckle, and loosely connected to the strap G to be rotative relatively thereto. Preferably the loop O is connected to the strap by a narrow strap Q, sewed to the face of the strap G at its upper end slightly below the divided part of the strap G and above the loop O, extending thence over the loop, and again sewed to the strap G below the loop, and extending thence downwardly in the form of a free end R perforated and engaging the buckle M. To leave a free space between the strap G, the loop O, and its confining strap Q, I insert two tapering filling pieces S and T under the strap Q, one above the loop and the other below it, and stitch the strap through these pieces, thereby leaving a slot U for the passage of the loop O. Thus the loop can be moved around in this slot to bring the buckle P of the loop to either side, or at the back, as desired. The loop can be adjusted, by drawing its perforated end through its buckle end to the desired extent, to properly engage the horse's tail.

In operation, the crupper and breeching being in position on the horse, or, if desired, before the harness is applied to the horse, the attachment will be applied by passing the buckle straps H into engagement with the respective buckles J, adjusting them in these

buckles to the desired position, then turning the loop L around the breeching and buckling its end by the buckle M to the strap R, giving the desired adjustment here by moving this buckle M along the strap R to the desired extent, and then the loop O will be buckled about the horse's tail, being drawn to tightly or loosely embrace it as wished. When thus applied the tail will be engaged some distance below its root and at a point where its movement is not very great, and where it will readily yield to permit the escape of the reins should they get under the tail. If in switching the tail it is thrown over one or both of the reins, the latter cannot rise above the loop O, and therefore they cannot get into a position from which it would be difficult to remove them. Thus the great danger incident to having the reins get under the tails is avoided. The low end of the strap G preferably movably engages the breeching, whereby with the switching of the tail the strap and loop have much freedom of movement, and thus the ability of the animal to properly protect himself against the attacks of insects is not impaired.

It will be seen that my invention provides a simple and valuable attachment for harnesses which can be conveniently and effectively applied and used; and it will be understood that the invention is not limited to the exact details of construction and arrangement described and shown as its preferred form, as these may be modified as circumstances, or the judgment of those skilled in the art,

may dictate, without departing from the essential features of the invention.

What I claim is, in harness attachments, the following-defined novel features and combinations, substantially as hereinbefore set forth, namely:

1. A harness attachment consisting of the strap G having buckle-straps H H and intermediate space I at its upper end and loop L at its lower end, in combination with loop O carried by said strap and strap Q sewed to said strap G for engaging the lower end thereof, substantially as and for the purpose set forth.

2. A harness attachment consisting of a tail holder for harnesses comprising a strap G beneath the tail of the horse, having a loop at its lower end engaging the breech-strap of a harness, and constructed at its upper end with two straps H H, having the space I between them, and passing upwardly at opposite sides of the horse's tail to and above the outside of the usual crupper, and engaging at their upper ends the usual buckles of the latter, and a loop O carried by the intermediate portion of said strap G for embracing the tail of the horse, substantially as and for the purpose set forth.

In witness whereof I have hereunto signed my name in the presence of two subscribing witnesses.

JOHN G. GARMAN.

Witnesses:

ISAAC BEAVER,
HARRY W. LIGHT.