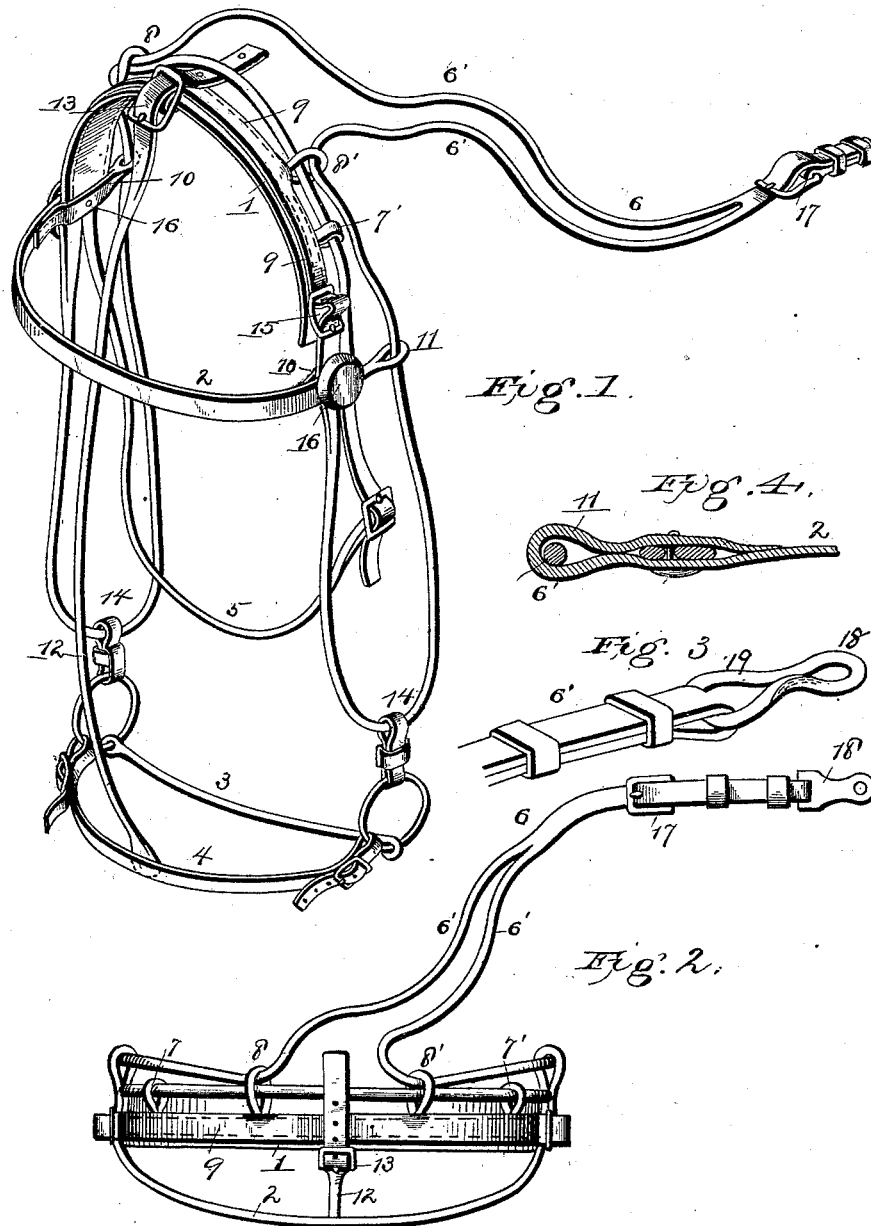


(No Model.)

S. S. HYDE.  
BRIDLE.

No. 419,955.

Patented Jan. 21, 1890.



WITNESSES

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# UNITED STATES PATENT OFFICE.

SPYARS SINGLETON HYDE, OF MONROE, WISCONSIN.

## BRIDLE.

SPECIFICATION forming part of Letters Patent No. 419,955, dated January 21, 1890.

Application filed April 26, 1889. Serial No. 308,651. (No model.)

*To all whom it may concern:*

Be it known that I, SPYARS SINGLETON HYDE, a citizen of the United States, residing at Monroe, in the county of Green and State of Wisconsin, have invented certain new and useful Improvements in Bridles; 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.

My invention relates to improvements in bridles; and it consists of the combination of devices and peculiar construction and arrangement of parts, as will be hereinafter fully described and claimed.

The object of my invention is to provide a bridle which can be expeditiously and easily lengthened and adjusted to accommodate horses of different sizes, and which is simple and durable in construction and cheap of manufacture.

As an understanding of my invention can be had to better advantage by a detailed description thereof, I will now proceed to describe the same in connection with the accompanying drawings, in which—

Figure 1 is a perspective view, and Fig. 2 a plan view, of a bridle constructed in accordance with my invention. Fig. 3 is a detail view of a modified form of the connection between the checkrein-hook and the checkrein. Fig. 4 is a detail sectional view taken through one end of the brow-strap to show the connection between the brow-strap and the headstall, the two loops 10 11, and the method of arranging the upper end of the checkrein.

Like numerals of reference denote corresponding parts in all the figures of the drawings, referring to which—

1 designates the crown-piece of my improved bridle; 2, the brow-strap; 3, the bit; 4, the nose-strap; 5, the throat-latch, and 6 the checkrein, which parts are peculiarly constructed and arranged in the manner which I will now proceed to describe.

The crown-piece 1 of the bridle is provided at its rear edge with a series of loops 7 7' and 8 8', the loops 7 7' being shorter than the other pair of loops 8 8', and they (the loops 7 7') are located near the ends of the crown-piece, while the longer loops 8 8' are located between the shorter loops and at points on

opposite sides of the middle of crown-piece. These loops are each made of a single piece of leather, which is doubled or folded upon itself, and the ends of all of the series of loops are united or secured to the crown-piece by means of a common strap 9, which is made of a single piece or thickness of leather laid over the ends of the loops and united by stitching or otherwise to the crown-piece, thereby securely fastening the loops to the crown-piece and imparting a neat finish thereto.

The brow-strap 2 of the bridle is arranged in the ordinary manner below the crown-piece, and each end of said brow-strap is folded or doubled upon itself to provide two loops 10 11, through which are passed the checkrein and the throat-latch, in the manner presently described.

The nose-strap 4 is connected at its ends to the rings of the bit 3 in the ordinary manner, and to the middle of the nose-strap is secured the lower end of a "face-strap" 12, which is detachably and adjustably connected at its upper end to the middle of the crown-piece 1 by a buckle 13, or in any other preferred manner.

The checkrein 6 is made of a single continuous piece of leather, and is arranged so as to connect with the crown-piece and bit to assist in supporting the latter, and thereby dispense with the ordinary cheek-straps usually employed in the common bridles, while at the same time it can be quickly and easily lengthened to adjust the bridle to horses of different sizes, and also properly check the head of the animal.

In making my improved checkrein I take a single piece of leather and bifurcate or split the same nearly its entire length to provide the two straps 6' 6', which are preferably round or circular in cross-section, and each member 6' of said strap is first passed through one of the longer loops 8 or 8' of the crown-piece, thence through the loop 11 of the brow-strap down to and through a loop 14, which is connected to one of the rings of the bit, thence upward through the loop 10 of the brow-strap, and finally the end thereof is connected to a buckle 15, which is secured to the end of the crown-piece. The brow-strap is rigidly connected near its ends to the members of the checkrein by transverse rivets 16, which pass through said members of the

checkrein and brow-strap; but said members of the checkrein are free to be drawn or pulled through the several loops of the crown-piece, brow-strap, and bit, so that the length of the members between the crown-piece and bit can be varied to adjust the bridle to different-sized heads. I attach especial importance to this peculiar construction of parts and arrangement of the checkrein, as it enables me to dispense with the ordinary cheekstraps and produce an improved bridle which can be easily and quickly lengthened to adjust the same to animals of different sizes without manipulating buckles or other fastening contrivances, and at the same time the checkrein serves efficiently to check the animal's head.

The end of the checkrein that is to be connected to the checkrein-hook on the harness-saddle is doubled or folded upon itself and provided with a buckle 17, so that the checkrein can be lengthened or shortened when the members 6' thereof are drawn through the loops on the headstall and bit to adjust the bridle to horses of different sizes, and in said folded end of the checkrein is secured an end piece 18, that is adapted to take over the checkrein-hook.

The throat-latch 5 of my bridle is also made of a single piece of leather, which is preferably round in cross-section to adapt it to be readily drawn through the loops on the crown-piece and brow-strap, and said throat-latch is passed through and held in place by the loops 7 7' and 8 8' of the crown-piece and the loop 10 of the brow-strap. It will be noted that the loops 8, 8', and 10 of the crown-piece and brow-strap, through which the members 6' of the checkrein are passed, are of sufficient size to receive both the throat-latch and members of the checkrein, so as to permit the checkrein and throat-latch to be easily drawn through the loops without hinderance from each other.

The operation and advantages of my invention will be readily understood and appreciated by those skilled in the art from the foregoing description, taken in connection with the drawings.

I would state that I do not confine myself to the precise details of construction and form and proportion of parts herein shown and described as an embodiment of my invention, as I am aware that changes and alterations therein can be made without departing from the spirit or sacrificing the advantages of my invention.

In Fig. 3 of the drawings I have illustrated another means for connecting the checkrein to the checkrein-hook, which is constructed to allow the rein to turn freely in either lateral direction, and thus allow the animal to turn its head in either direction with perfect freedom. The end piece 18 is made of a single piece of leather and doubled upon itself, or otherwise provided with a loop, ring, or eye 19, in which is fitted the doubled end

of the checkrein in such a manner that it can turn freely in said loop or eye 19 of the end piece 18, which has its opposite end connected to the checkrein-hook.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a bridle substantially as described, the combination of a crown-piece having the guide-loops at its rear edge, a brow-strap united to the crown-piece, a single bit 3, and a checkrein 6, said checkrein having the divided members 6', which are first passed through the guide-loops on the crown-piece and brow-strap, then through straps on the bit-rings, and finally united to the crown-piece, whereby the checkrein is made to serve the purpose of the ordinary cheekstraps, and the bridle can be lengthened or shortened by drawing the checkrein through said crown-piece and straps on the bit-rings, as and for the purpose described.

2. In a bridle substantially as described, the combination of a crown-piece having the guide-loops, a brow-strap united to the crown-piece, a single bit 3, a checkrein 6, which is divided longitudinally to provide two members 6', which pass through said guide-loops on the crown-piece and brow-strap and straps on the bit-rings, and buckles 15, secured to the crown-piece for adjustably connecting the ends of said divided members of the checkrein to the crown-piece, substantially as described.

3. In a bridle, the combination of a crown-piece having a series of loops at its rear edge, a brow-strap united to the crown-piece, a bit, the straps connected to the rings of said bit, a checkrein having the divided ends, which are passed through said loops and the straps on the bit-rings and connected to the crown-piece, and a throat-latch made of a continuous piece and passing through all of the series of loops on the crown-piece, substantially as described, for the purpose set forth.

4. A bridle consisting of the crown-piece having the series of loops at its rear edge, secured thereto by a common strap which passes over the ends of the loops and is united directly to the crown-piece, a brow-strap having the loops 10 11 at its ends, a bit, a checkrein having its members passed through the loops of the crown-piece and brow-strap and the bit, and with the ends of said members united to the brow-strap at the loops 10 and connected by buckles to the crown-piece, and a throat-latch passing through the loops of the crown-piece and the loops 11 of the brow-strap, all arranged and combined for service substantially as herein shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

SPYARS SINGLETON HYDE.

Witnesses:

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