

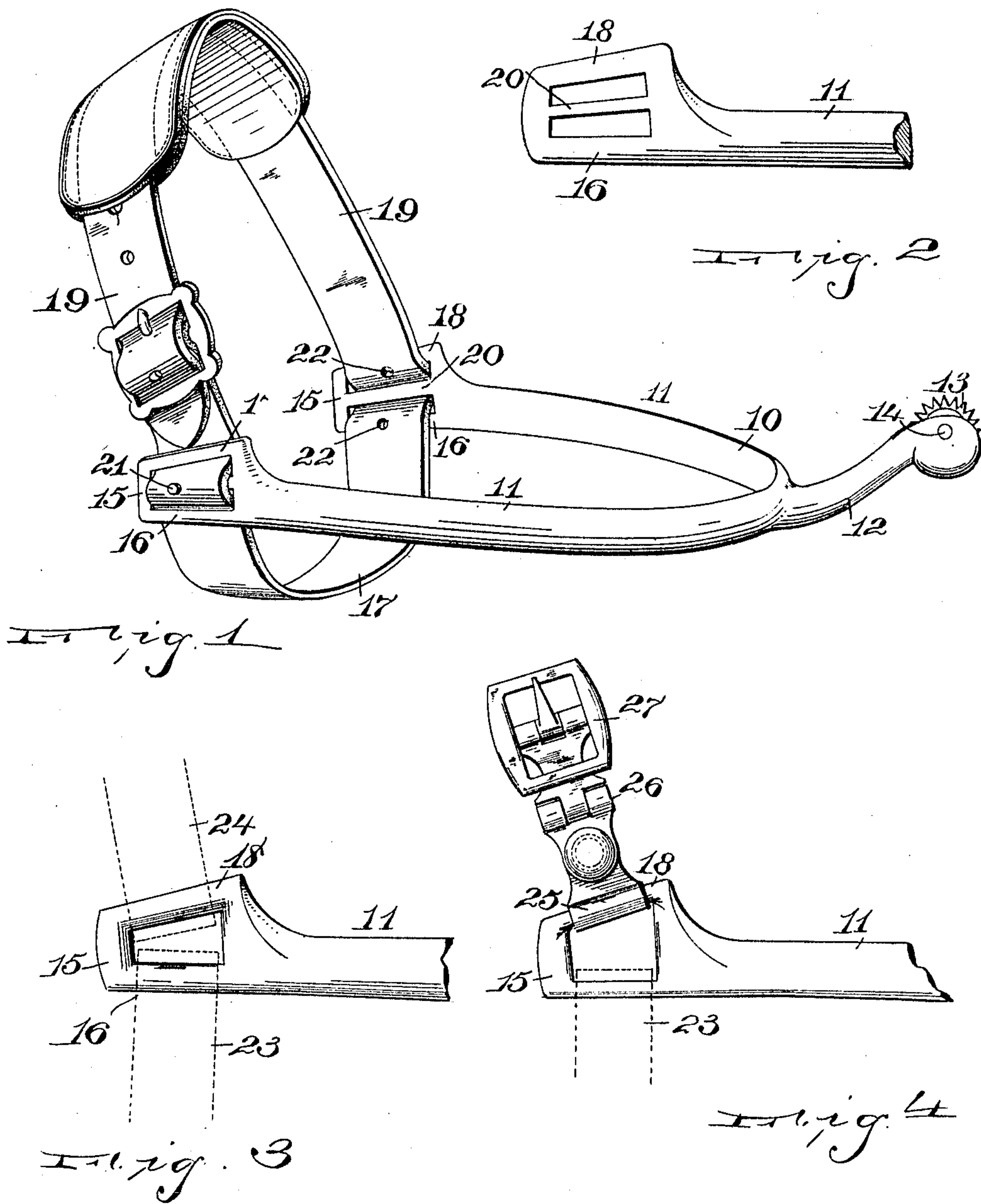
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SPUR.

APPLICATION FILED APR. 8, 1908.

969,839.

Patented Sept. 13, 1910.



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

GEORGE BUERMANN, OF NEWARK, NEW JERSEY.

SPUR.

969,839.

Specification of Letters Patent. Patented Sept. 13, 1910.

Application filed April 8, 1908. Serial No. 425,853.

*To all whom it may concern:*

Be it known that I, GEORGE BUERMANN, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Spurs; 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, reference being had to the accompanying drawings, and to figures of reference marked thereon, which form a part of this specification.

This invention relates to an improved spur which is of the usual U-shaped form with the projecting heel with the toothed rowel on the end, and the improvement lies in the formation of the loop or projecting ends on the U-shaped portion of the body portion, which ends provide means for attaching a fastening means for the spur to go underneath the shoe, which fastening means is adapted to be held substantially at right angles to the arms of the body portion of the spur, and the other attaching means being so disposed, by its attachment to the ends of the body portion, as to extend at an obtuse angle to the fastening strap or means going under the shoe so that the fastening means going over the shoe will fit the instep of the wearer without bending the strap or other element which forms the fastening means. The particular improvement lies in the loop on the ends of the arms of the body portion, which loop provides means for guiding the strap underneath the instep of the shoe so as to have it fit flatly thereon, and also to bend or dispose the strap that goes over the instep so that it is not bent outside of its engagement with the body portion, and thus not subject it to any tearing strain on the edges.

The invention is illustrated in the accompanying drawing, in which—

Figure 1 is a perspective view of a spur made after my improved construction. Figs. 2, 3 and 4 are side views of the end of one of the arms of the body portion showing modified forms of construction.

The body portion 10 is made in the usual form having the arms 11 forming a substantially U-shaped structure and having the heel 12 extending from the back thereof, which has, in its end, a toothed rowel 13 journaled to rotate as at 14 so as to provide

means for governing the horse by the rider. The free ends of the arms 11 are provided with the loops 15, each loop having a lower strand 16 which guides the strap 17 and its depending portion to form fastening means for the spur to go underneath the shoe of the wearer, and this strand 16 is so disposed that it is practically in extension or in line with its arm 11, and thus insures the fastening means 17, which is preferably a strap, lying substantially at right angles to the arms of the body portion of the spur so that it fits closely up against the shoe, and the strap is flat against the instep of the shoe directly in front of the heel. The upper strand 18 of the loop 15 is arranged at an acute angle to the strand 16 and consequently to its arm 11 of the body portion of the spur, and insures the disposition of the portion 19, of the fastening means, which goes over the shoe so that this fastening means, which is preferably a strap, lies at an obtuse angle to the fastening means 17, or in other words, to the fastening means which passes underneath the shoe, and the fastening means are thus arranged to normally fit the shoe as to their position, and there is no bending to the fastening means beyond the connection of the fastening means with the spur.

In Fig. 1 I show one strap disposed in the loops 15, and when one strap is used, a bar 20 is placed in the center of the loop so as to cause a clamping of the strap or fastening means in the loop, and if desired I can place a post 21 on the bar 20 to enter any of the holes 22 to adjust the fastening means according to the size of the wearer's foot.

In Fig. 3 is shown a loop which is adapted for two straps, the lower one, 23, passing underneath the shoe and being separate from the strap 24 passing over the shoe, but the angular disposition of the strands 16 and 18 insures the angular normal position of the fastening means in their relation to the spur. In Fig. 4 is shown a similar structure, but having a rounded strand 18 on which can be pivotally secured a sleeve 25 attached to a fixture 26 maintaining a buckle 27, which in turn is fastened to a strap. The strap 23 in this construction acts to pass underneath the foot to insure the holding down of the spur.

This arrangement of the fastening means makes a more comfortable spur, and it will be noticed from Fig. 1 that any twist in the



strap, when one strap is used, takes place within the loop of the body portion so that where the strap is subjected to a twisting strain, it is supported by the construction of the loop and is not apt to be torn, since the strands on the edges of the loop take up the strain from the strap, and the whole edge of the strap under tension is not subjected to the direct strain it is when it is arranged in line with the portion of the strap that goes under the foot, and consequently when the strap is bent over the instep, the edge of the strap toward the heel is bent in a way to make its wear, after a short while in use, considerable.

Having thus described my invention, what I claim is:—

A spur comprising a U-shaped body por-

tion having projecting arms, the arms having a substantially horizontal lower edge, a strand projecting from each arm and having its lower edge continuous with the lower edge of the arm, the strand being of the same width throughout, and an upper strand arranged at an acute angle to the lower strand and to the arm, whereby the strands form a loop having tapered sides, the narrow end of each loop being toward the projecting end of its arm.

In testimony, that I claim the foregoing, I have hereunto set my hand this 7th day of April 1908.

GEORGE BUERMANN.

Witnesses:

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