

(No Model.)

A. KEMPKEY.
SAFETY CHECKREIN HOOK.

No. 453,841.

Patented June 9, 1891.

Fig. 1.

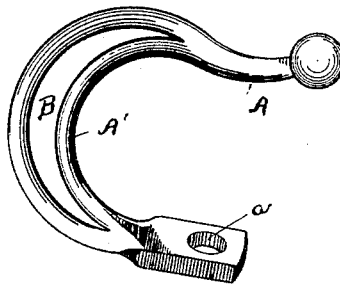
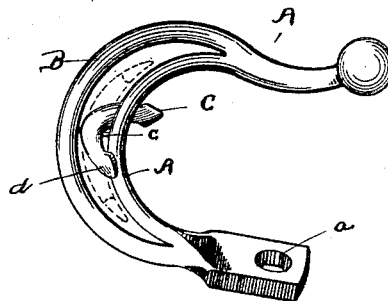


Fig. 2.



Witnesses.

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UNITED STATES PATENT OFFICE.

AUGUSTUS KEMPKEY, OF SAN FRANCISCO, CALIFORNIA.

SAFETY CHECKREIN-HOOK.

SPECIFICATION forming part of Letters Patent No. 453,841, dated June 9, 1891.

Application filed October 6, 1890. Serial No. 367,158. (No model.)

To all whom it may concern:

Be it known that I, AUGUSTUS KEMPKEY, a citizen of the United States, residing at the city and in the county of San Francisco, and State of California, have invented certain new and useful Improvements in Safety Checkrein-Hooks; and I do hereby declare the following to be a full, clear, and exact description of said invention, such as will enable others skilled in the art to which it most nearly appertains to make, use, and practice the same.

My invention has relation to certain new and useful improvements in hooks, and more particularly to checkrein-hooks; and it consists of the parts as will be hereinafter more fully set forth in the drawings, described, and pointed out in the specification.

The object of my invention consists in providing a hook having a strengthening piece or strip, so as to give greater strength thereto, thereby obviating the liability of the same being bent by the tension exerted thereon, and which at the same time shall be simpler of construction, less expensive, and more durable than any device of a similar nature heretofore known to me.

Referring to the drawings, forming a part of this application, wherein similar letters of reference are used to denote corresponding parts throughout the entire specification and views of the drawings, Figure 1 is a side view in elevation, and Fig. 2 is a similar view showing the hook provided with a movable retaining-bar.

The letter A indicates the hook proper, which has its lower end flattened and provided with the opening *a*, which permits of the same being readily secured to the saddle-tree of the harness. Within the curved portion of the hook I locate the strengthening piece or strip A', which connects the upper and lower portion of the hook and forms the semi-circular groove or opening B, within which, as shown in Fig. 2, I locate or pivotally secure the retaining-bar C by means of the cross-bar *c*. By thus providing the strength-

ening piece or strip I provide for double the resistance ordinarily obtained from checkrein-hooks, hence obviating disfigurement thereof by bending from the strain exerted thereon by the checkrein. The retaining-bar is secured to the cross-bar so as to permit of the same being readily revolved thereon. When not in use, the retaining-bar assumes the position indicated by dotted lines, Fig. 2, so as to permit of the rein slipping over the curved portion of the hook. After the rein is secured upon the hook the retaining-bar is turned so as to retain the end of the checkrein below the projecting prongs *d d* of said bar. In order to uncheck, it is only necessary that the retaining-bar be turned downward, so as to cause the projecting prongs to lie within the vertical opening formed by the strengthening-strip A', when the end of the rein may be easily moved from off the curved hook. By securing the checkrein below the prongs of the retaining-bar the saddle is raised slightly from the back of the horse, thereby preventing sores forming thereon.

If so desired, the retaining-bar may be omitted without affecting my invention, which relates principally to the connecting strengthening piece or strip, as is clearly shown in Fig. 1.

My invention will be found of great value wherever it is desired to employ hooks subjected to continual strain.

Having thus described my invention, what I claim as new, and desire to secure protection in by Letters Patent of the United States, is—

The checkrein-hook having hung in the space between its main body portion and supplemental re-enforcing portion the pivoted retaining-bar, adapted to lie vertically in said space when out of use, substantially as specified.

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

AUGUSTUS KEMPKEY.

Witnesses:

H. J. LANG,

CHAS. J. ARMBRUSTER.