

D. SCHOONMAKER.

CHECK-REIN SPREAD AND ATTACHMENT.

No. 188,546.

Patented March 20, 1877.

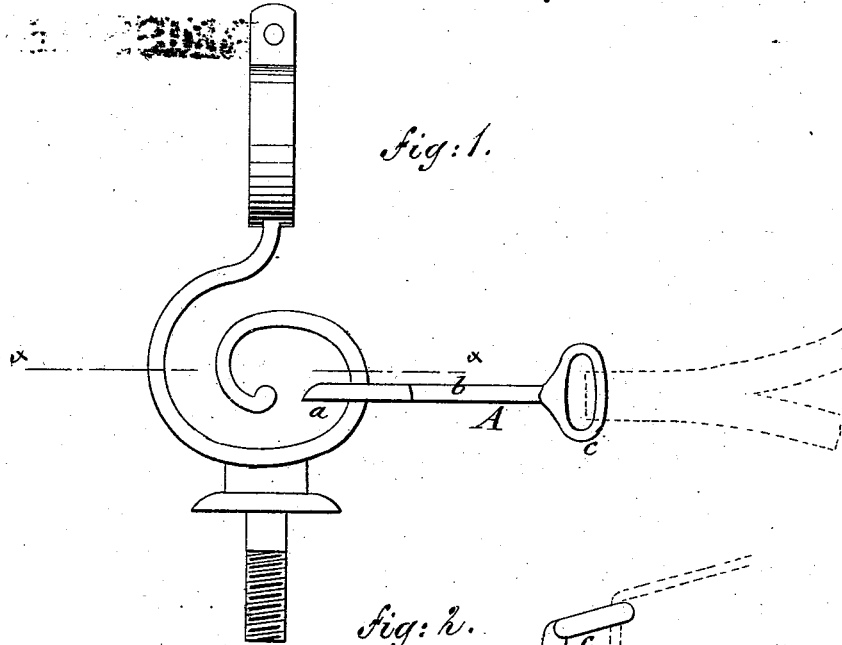


Fig: 1.

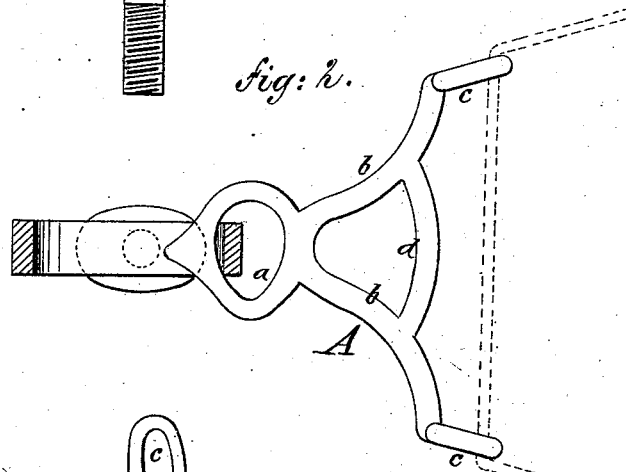


Fig: 2.

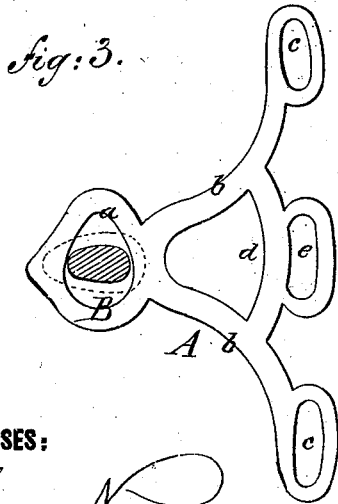


Fig: 3.

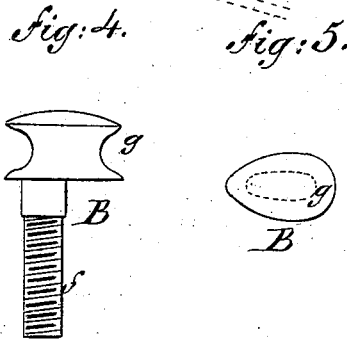


Fig: 4.

Fig: 5.

WITNESSES:

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UNITED STATES PATENT OFFICE.

DANIEL SCHOONMAKER, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN CHECK-REIN SPREAD AND ATTACHMENT.

Specification forming part of Letters Patent No. 188,546, dated March 20, 1877; application filed September 9, 1876.

To all whom it may concern:

Be it known that I, DANIEL SCHOONMAKER, of Newark, county of Essex, and State of New Jersey, have invented a new and Improved Check-Rein Spread and Saddle-Bolt, of which the following is a specification:

Figure 1 is a side view of my check-rein spread connected with the water-hook of a harness. Fig. 2 is a section on line *x x* in Fig. 1. Fig. 3 is a top view of the rein-spread attached to a saddle-bolt. Figs. 4 and 5 are views of the saddle-bolt.

Similar letters of reference indicate corresponding parts.

My invention consists of a rein-spread formed in one piece, of cast metal, which is attached to the ends of the check-rein straps, or is provided with loops running transversely to its body, in which case the strap may be continuous from one end of the bit to the other, simply passing through the loop of the spread. The spread is of such form as to be readily placed on, or removed from, the water-hook.

My invention further consists in a bolt having a head of peculiar form, to be applied to the saddle, to be used in place of the usual water-hook, in connection with the rein-spread.

Similar letters of reference indicate corresponding parts.

A is a rein-spread, consisting of a casting having an oval eye, *a*, from which diverge the curved arms *b*, having at their outer ends eyes *c*, which are arranged in the same plane as the arms *b*, as in Fig. 3, or transversely, as in Figs. 1 and 2. The arms *b* are connected, near their centers, by an arc-shaped brace, *d*, to which a loop, *e*, may be attached for receiving a single check-rein passing over the top of the head and neck. When the eyes *c* are ar-

ranged transversely, as in Figs. 1 and 2, the check-rein passes through both eyes, as shown by the dotted lines, and may adjust itself to the position of the horse's head. B, in Figs. 4 and 5, represents a bolt to be attached to a saddle, receiving the rein-spread, which consists of a threaded shank, *f*, having an oval head, *g*, attached to it eccentrically, and grooved or coved out to retain the rein-spread.

The rein-spread is placed upon the saddle-bolt by slipping the oval eye *a* over the oval head of the bolt, and giving it a quarter-turn, bringing it into the position shown in Fig. 3. The rein-spread may be finished by plating it with nickel or silver, or by coating it with rubber or celluloid.

I do not confine myself to the exact form shown in the drawing, and described herein, as it may be varied to suit the tastes of the manufacturer or purchasers.

The object of spreading the check-rein is to remove the same from contact with the horse's neck and mane, and to permit the latter to be placed inside the rein without being pressed close to the neck.

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

1. As an improved article of manufacture, a check-rein spread, A, composed of the oval eye *a*, curved arms *b*, eyes *c*, and arc-shaped brace *d*, with or without the eye *e*, substantially as herein shown and described.

2. The combination of the check-rein spread A and saddle-bolt B, having the oval grooved head *g*, substantially as shown and described.

DANIEL SCHOONMAKER.

Witnesses:

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ALEX. F. ROBERTS.