

No. 658,138.

Patented Sept. 18, 1900.

H. H. BROWN.

CHECK HOOK.

(Application filed Nov. 29, 1899.)

(No Model.)

FIG. 1.

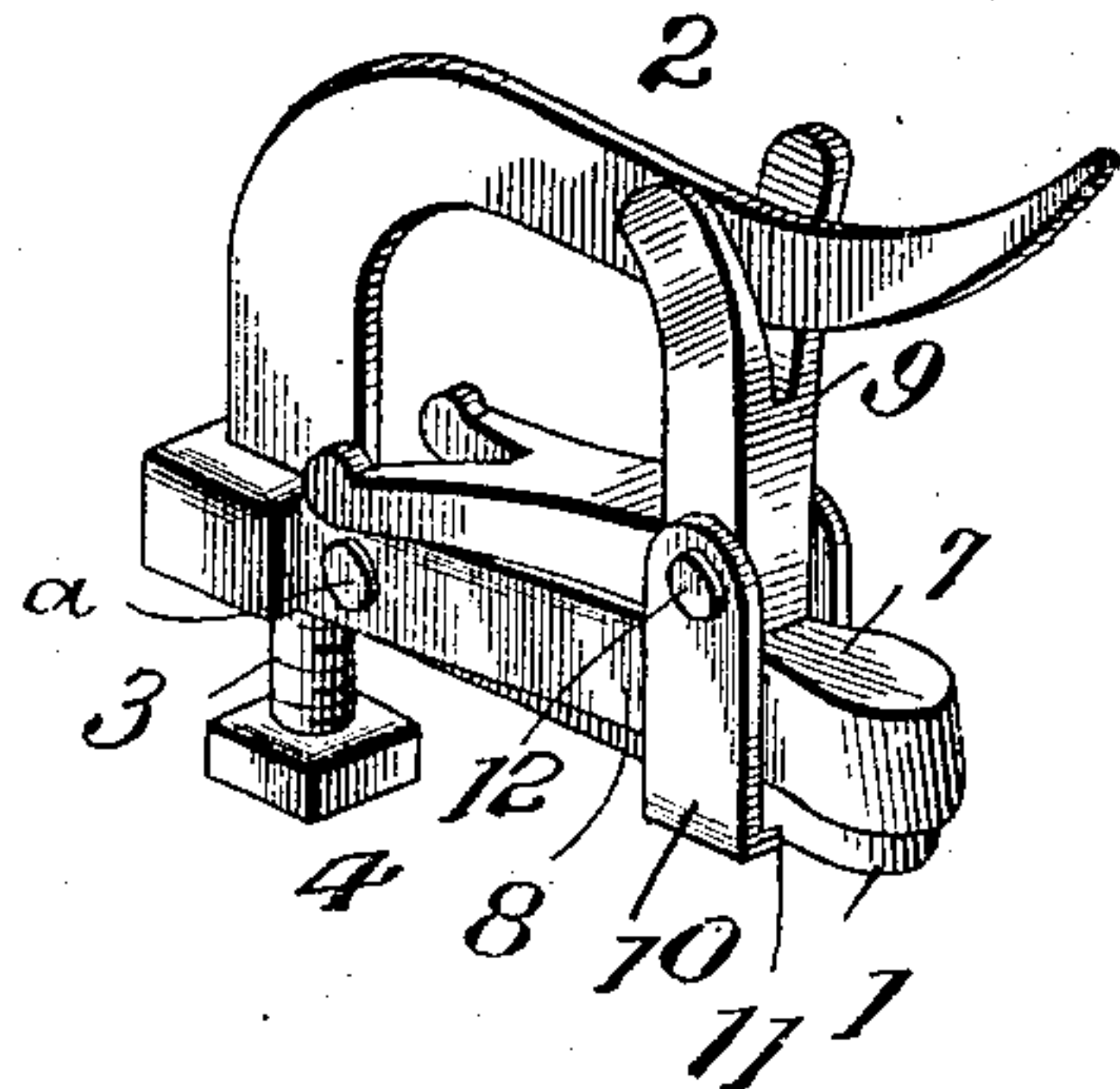


FIG. 2.

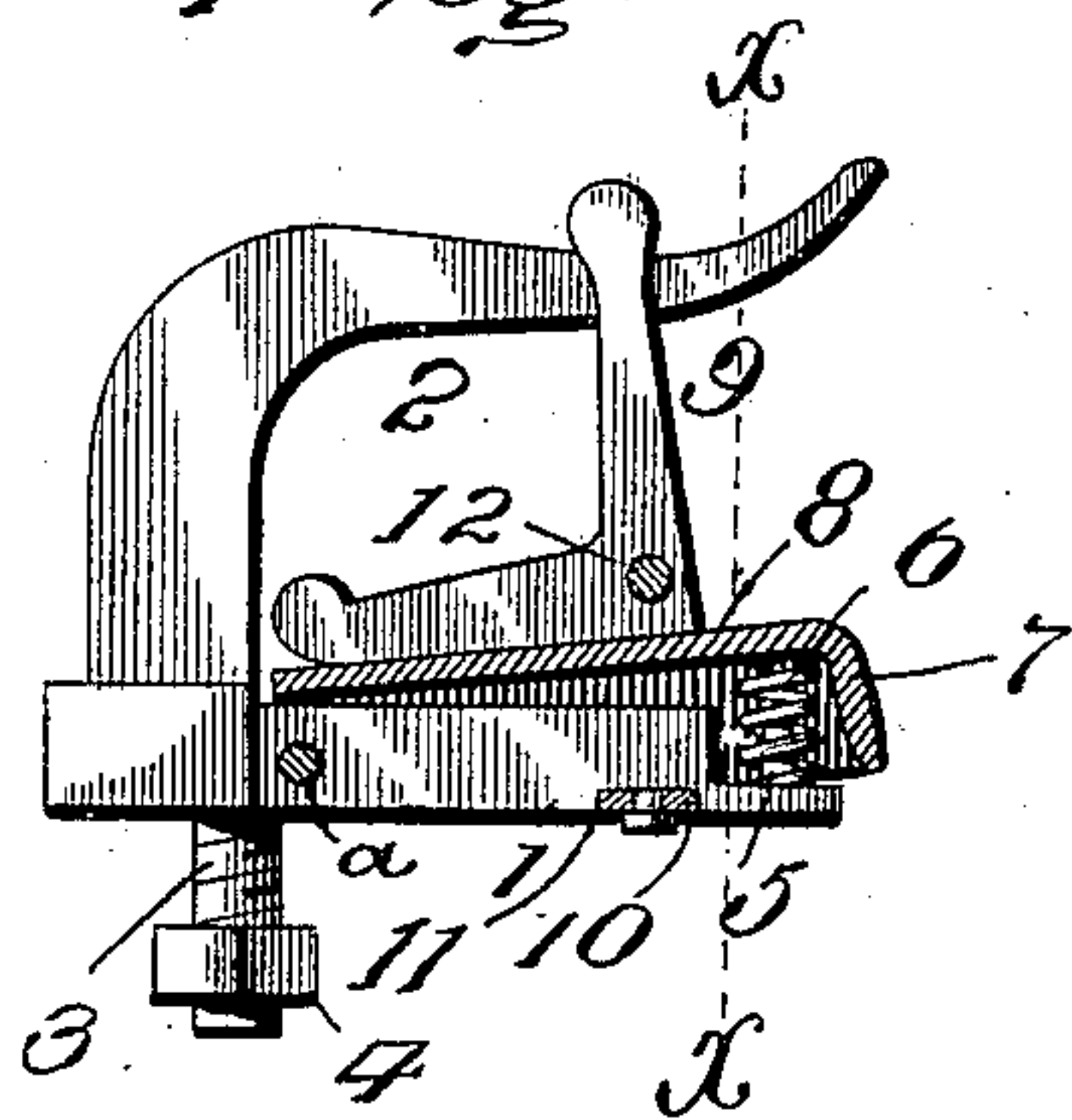


FIG. 3.

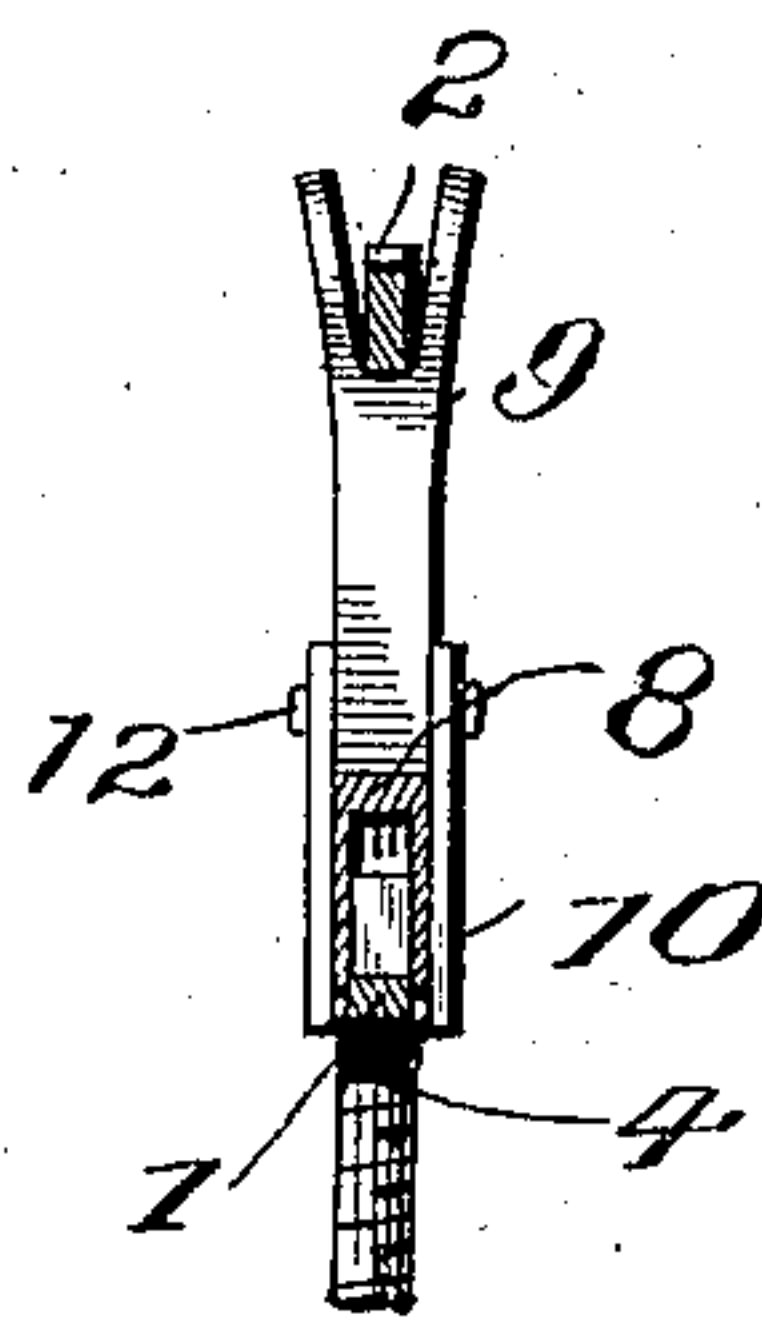
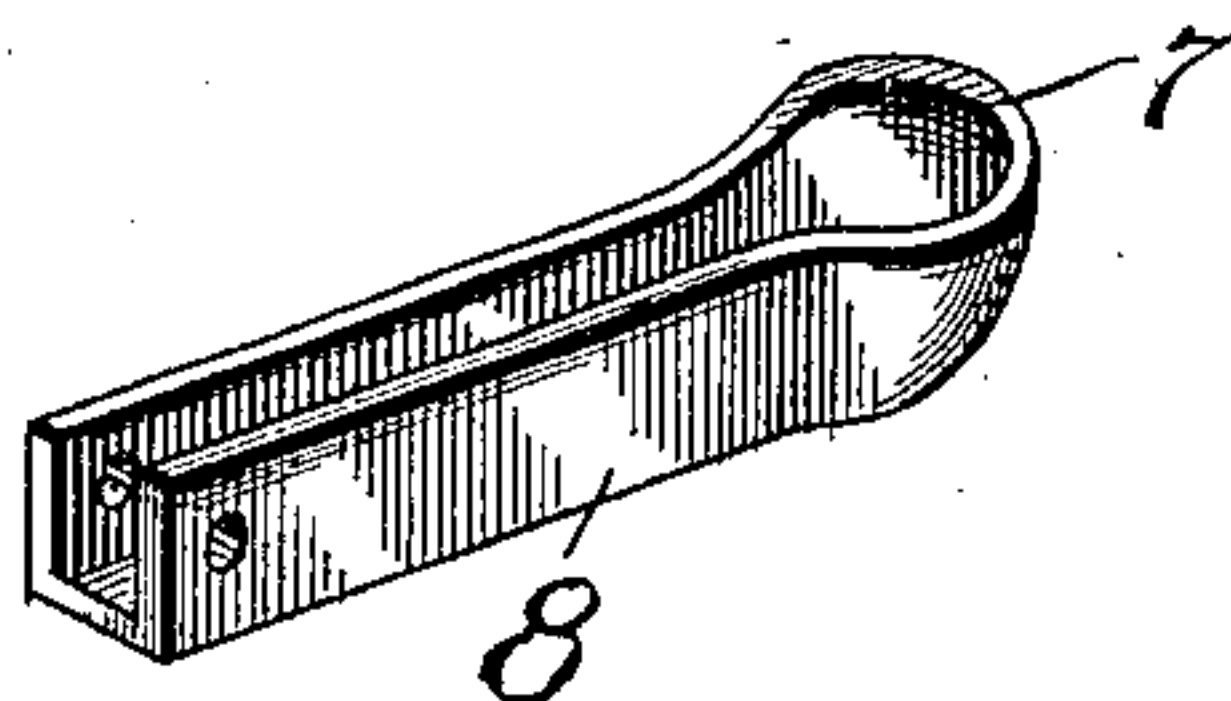


FIG. 4.



Witnesses

Wm. Amie
Gladys L. Thompson

Inventor
H. H. BROWN

by *R. H. Kacey* Attorney

UNITED STATES PATENT OFFICE.

HARRISON H. BROWN, OF FOND DU LAC, WISCONSIN.

CHECK-HOOK.

SPECIFICATION forming part of Letters Patent No. 658,138, dated September 18, 1900.

Application filed November 29, 1899. Serial No. 738,684. (No model.)

To all whom it may concern:

Be it known that I, HARRISON H. BROWN, a citizen of the United States, residing at Fond du Lac, in the county of Fond du Lac and State of Wisconsin, have invented certain new and useful Improvements in Check-Hooks; 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.

This invention relates to check-hooks of the class having a pivoted latch of L form cooperating therewith and serving as means to retain the check-line in position.

One of the principal objects of the invention is to combine with the hook and latch novel means for positively holding the latch in an adjusted position and which will not present projecting parts to catch the line and cause injury thereto.

The invention also aims to improve the general construction and dispose the working parts in compact relation and in such a manner as to be easy of manipulation either by means of the line or the hand.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and the drawings hereto attached.

While the essential and characteristic features of the invention are necessarily susceptible of modification, still the preferred embodiment of the invention is illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of a check-hook specially designed to illustrate the application of the invention. Fig. 2 is a side elevation, the spring-actuated bed and clip being in section. Fig. 3 is a section on the line X X of Fig. 2. Fig. 4 is a perspective view of the spring-actuated bed inverted.

Corresponding and like parts are referred to in the following description and indicated in all the views of the drawings by the same reference characters.

The check-hook comprises the base 1 and hook 2, the latter being formed with or applied to the base, as found most advantageous. The base 1 is in the form of a bar and is adapted to be secured to the tree of the harness-

saddle or to the pad in any convenient and substantial manner, and for this purpose is provided with a threaded stud 3, cooperating with the bur 4. The rear end of the base is cut away or reduced in height and is provided with a vertical stud 5, upon which is placed a coil-spring 6, housed by means of a hood 7, formed at the outer end of the spring-actuated bed 8, pivoted at its front end at *a* to the forward portion of the base 1. The bed 8 conforms as near as practicable to the base 1 and is recessed in its lower side to receive said base, the outer end of the bed being rounded to form the hood 7, which houses and protects the spring 6, provided for holding the bed elevated at its free end.

The latch 9 is approximately of L form and is pivoted at the angle to a clip 10 or analogous device applied to the base 1, and the outer end portions of the arms are forked to embrace the sides of the bill portion of the hook 2 and prevent casual disengagement of the check-line or overdraw from said hook when the animal is properly harnessed. The clip or connection to which the latch 9 is pivoted is located at a point intermediate of the extremities of the base 1 and bed 8, whereby provision is had for either arm of the latch resting squarely upon the bed in either position of the latch. The clip 10, which is the preferable construction, embraces three sides of the base 1 and opposite sides of the bed 8, and its side members project above the top edge of the bed and have the latch 9 pivoted thereto. The lower or closed end of the clip 10 is received in a depression or seat 11, formed in the lower side of the base 1 and which serves to prevent relative displacement of the clip and latch after the parts have been assembled. The chief purpose of the spring-actuated bed 8 is to hold the latch 9 in either extreme position, and by having its lower side recessed to receive the base 1 the provision of a space between the parts 1 and 8 is obviated.

The device is designed to be applied to either single or double harness, and the throat leading to the space formed between the base 1 and hook 2 is closed at all times by one or the other of the arms of the latch 9. When the check-line is in engagement with the hook 2, it is received between the arms of the latch

9 and is prevented from accidental disengagement from the hook by means of one of the arms projecting across the throat or space of the hook. When it is required to disengage the check-line from the hook, it is brought into forcible engagement with the arm extending across the throat and drawn rearwardly, which causes the latch to turn upon its pivotal connection with the clip 10 and the line to be disengaged from the hook, as will be readily understood. A reverse of the operation just described is practiced when it is required to engage the overdraw or check-line with the hook. It is obvious that the latch 9 may be operated by direct engagement of the hand therewith.

The spring 6 is normally held compressed and the bed 8 from upward movement at its rear or free end by means of the clip 10 and the latch 9, the latter overlying the said bed and closing the space between the side members of the clip, to which it is pivotally attached by means of the pin or fastening 12.

Having thus described the invention, what is claimed as new is—

1. In a check-hook, a spring-actuated bed applied to the base of the hook and extending thereover, a clip embracing the sides of the base and bed, and a latch having pivotal connection with the clip and held in the required position by means of said bed, substantially as described.

2. In a check-hook, a spring-actuated bed recessed in its lower side to receive the base of the hook, and a pivoted latch connected with said base and overlying the spring-actuated bed and held in place thereby, substantially as specified.

3. In a check-hook, a bed applied to the base portion of the hook and having a recessed portion at its free end forming a hood, a spring housed by said hood, and interposed between the base and bed, and a pivoted latch connected with the base and held in the

required position by means of the spring-actuated bed, substantially as set forth.

4. A check-hook comprising a base and a hook, a bed pivotally connected with the base at its front end, a spring interposed between the base and bed, a clip embracing the sides of the base and bed, and a latch of approximately L form pivoted at the angle to the projecting terminal portions of the clip and overlying the bed, as and for the purpose set forth.

5. In a check-hook, a base having a seat in its lower side, a bed pivoted to the base and recessed in its lower side to receive the said base and having a hood at its free end, a spring housed by said hood and interposed between the bed and said base, a clip having its closed end fitted in the aforesaid seat of the base, and a latch of approximately L form pivoted at the angle to the projecting portions of the said clip and overlying the bed, substantially as described.

6. The herein-described check-hook comprising a hook and a base, the latter having its rear portion reduced and provided with a vertical stud and having a seat in its lower side, a bed recessed in its lower side to receive the base and pivoted to the latter and having its rear end made rounding and constructed to form a hood, a spring placed upon the vertical stud and housed by said hood, a clip embracing the sides of the bed and having its closed end fitted in the seat of the base, and a latch of L form pivoted at the angle to the projecting terminal portions of the clip and overlying the bed, substantially as described.

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

HARRISON H. BROWN. [L.S.]

Witnesses:

O. H. MUSGAT,

W. E. LEFEVER.