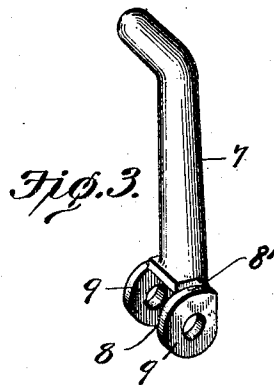
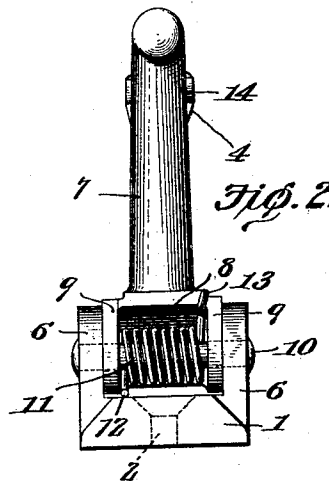
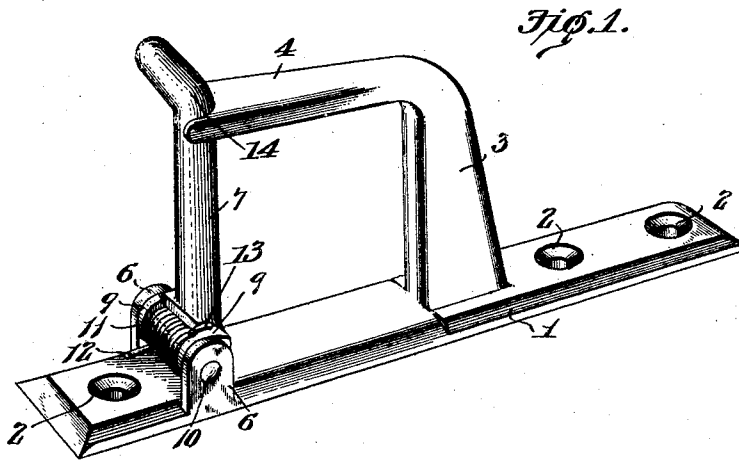


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HOLDBACK.
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940,620.

Patented Nov. 16, 1909.



WITNESSES:

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UNITED STATES PATENT OFFICE.

MICHAEL D. SCHALLER, OF VERNON CENTER, NEW YORK.

HOLDBACK.

940,620.

Specification of Letters Patent.

Patented Nov. 16, 1909.

Application filed May 24, 1906. Serial No. 318,591.

To all whom it may concern:

Be it known that I, MICHAEL D. SCHALLER, a citizen of the United States, residing at Vernon Center, in the county of Oneida and State of New York, have invented a new and useful Holdback, of which the following is a specification.

The hold-back hook embodied in my invention is of that class including a rigid hook and a pivoted guard finger held against the end of the bill of the hook so as to prevent accidental disengagement of the hold-back strap from the hook.

The novelty in the hook resides in the feature of providing the guard with an end extension which projects upwardly and forwardly from the point of engagement of the finger with the bill of the hook, so that the hold-back strap may be readily engaged with the hook, it being intended that the strap shall ride down the inclined or angularly turned portion of the finger, forcing the finger away from the bill of the hook, and finally to position beneath the said bill of the hook. As at present constructed, it is necessary, in engaging a hold-back strap with its hook, to spring back the guard finger manually, it being done with the fingers of one hand while the hold-back strap is engaged with the hook by the use of the other hand. With the construction presented in my invention however, it is only necessary to snap the strap in place.

In the accompanying drawings:—Figure 1 is a perspective view of the hold-back hook embodying my invention; Fig. 2 is a front end view thereof, and Fig. 3 is a detail perspective view of the guard finger of the hook.

In the drawings the hold-back hook embodying my invention is shown as comprised of an attaching plate 1, and the openings 2 for the passage of the attaching screws, whereby the plate may be secured upon a thill.

The hook proper of the device comprises a shank 3, which extends vertically from the plate 1, and is preferably formed integral therewith, and a bill 4, which is integral with the shank and projects forwardly at right angles from the upper end thereof.

The plate is formed, at a point forwardly of the hook 3, with a pair of ears 6, between which a guard finger 7 is pivoted, the guard finger being formed at its lower end with a bridge portion 8, carrying at each edge an

ear 9. These ears 9 are received between the ears 6 upon the attaching plate of the device, and a pivot bolt 10 is passed through all of these ears and serves to pivotally mount the guard finger as above stated. A spring 11 embraces the pivot 10 and has one end 12 bearing against the attaching plate, and its other end 13 bearing against the forward edge of the bridge 8, so that the guard finger 7 is normally swung rearwardly.

The spring 11 serves to hold the guard finger in engagement with the end of the bill 4 of the hook 3 and from its point of engagement with the said end of the bill of the hook, the guard finger is bent to extend upwardly and forwardly, as indicated by the numeral 14. By so forming the upper end of the guard finger 7, the hold-back strap may be readily engaged with the hook 3 without the necessity of manually swinging back the guard finger upon its pivot, the strap being merely brought to bear against the inclined portion 14 of the guard finger to spring it away from the end of the bill of the hook a distance equal to the thickness of the strap.

It will be observed from inspection of the drawings and particularly Fig. 1 thereof, that in order to engage a holdback strap with the hook of the device embodying the present invention, it is necessary that the strap be turned to bring its hook receiving loop into position to permit of the strap being engaged over the rearwardly extending portion 4 of the hook and that after the strap has been engaged over this portion of the hook, it is to be turned to normal position so that the upstanding portion 3 of the hook will engage in and substantially fill the loop. Owing to the fact that the breadth dimension of the rearwardly bent portion of the hook is in a plane at right angles to the breadth dimension of the upstanding portion of the hook, there will be no likelihood of the strap becoming accidentally disengaged from the hook inasmuch as it must assume a position substantially at right angles to its normal position in order to pass over the widened end of the rearwardly bent portion of the hook.

What is claimed is:—

A holdback comprising an attaching plate, a strap engaging hook formed integral with the plate and having a portion projecting upwardly at right angles from the upper face of the plate and a portion extending

rearwardly above the attaching plate and parallel thereto, the vertically extending portion of the hook being of less thickness than width, the rearwardly extending portion of the hook being of the same thickness
5 throughout and being increased in width in the direction of its rearward end, the breadth dimension of the said rearwardly bent portion of the hook being at right angles to the
10 breadth dimension of the vertical portion of

the hook, and a spring controlled finger seating against the end of the said rearwardly extending portion of the hook.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

MICHAEL D. SCHALLER.

Witnesses:

SIDNEY A. CARPENTER,
CLARA F. EARL.