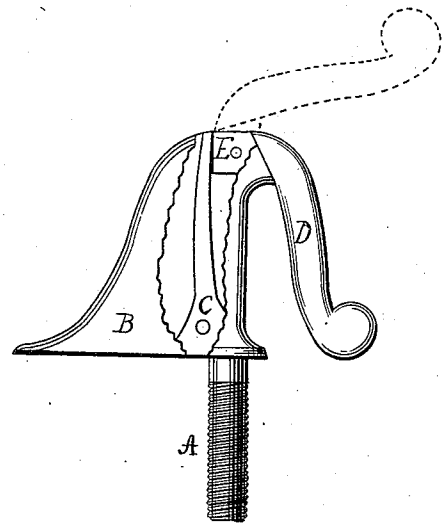
S. E. WINSLOW.

HOLDBACK-IRONS.

No. 193,839. Patented Aug. 7, 1877.



WITNESSES

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SEWELL E. WINSLOW, OF AUGUSTA, MAINE.

IMPROVEMENT IN HOLDBACK-IRONS.

Specification forming part of Letters Patent No. **193,839**, dated August 7, 1877; application filed June 7, 1877.

To all whom it may concern:

Be it known that I, SEWELL E. WINSLOW, of Augusta, in the county of Kennebec and State of Maine, have invented certain new and useful Improvements in Holdback-Irons; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawing, and to letters of reference marked thereon, which form a part of this specification.

The figure represents a side view of my improved holdback, a portion being broken away to show the arrangement of the interior.

My invention has for its object the production of a holdback-iron, which shall be strong and secure, which will take the bight or loop of the holdback-strap without the necessity of each time buckling and unbuckling them; which will hold the straps tightly enough to prevent their slipping out in use, and yet will allow their being readily withdrawn upon the application of slight force, so that when the traces are detached the holdbacks will no longer confine the animal to the vehicle.

The accompanying drawing shows the nature of my invention.

The iron is secured to the thill by means of the screw-threaded projection A. The bracketed part B is cast hollow, and a straight spring, C, is introduced with its free end bearing against the shoulder of the movable arm D. The arm D is pivoted at E, and the rear end of the arm, when it bears against the spring, is made with flat surfaces nearly at right angles to each other, upon the same principle as the blade of a pocket-knife, so that when the holdback-strap is in place, and the point of the arm turned down, it will remain so, and hold the strap until some force is applied to withdraw it, and when the point is raised, as shown in the dotted lines of the drawing, it will stay so, and permit the free introduction of the strap.

The action of this device is as follows: The point of the arm D is raised to a horizontal position, where it is held by the pressure of the spring C against its square face as long as may be desired. When the loop of the holdback-strap is inserted, the arm is turned down, and the spring holds it securely, and the holdback cannot be readily withdrawn except by intention.

I am aware that holdback-irons with the arms or points more or less elastic, to permit the holdback-strap being slipped under them, have been used before; but

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

A holdback-iron for the thills of carriages, having the threaded projection A, by which it is secured to the thill, in combination with the spring C and the pivoted arm D, having its rear end with faces nearly at right angles to each other, against which the spring C presses, whereby the arm D is kept closed when turned down, and open when turned up, substantially as described.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

SEWELL E. WINSLOW.

Witnesses:
CHAS. K. EMERSON,
J. N. PARKER.