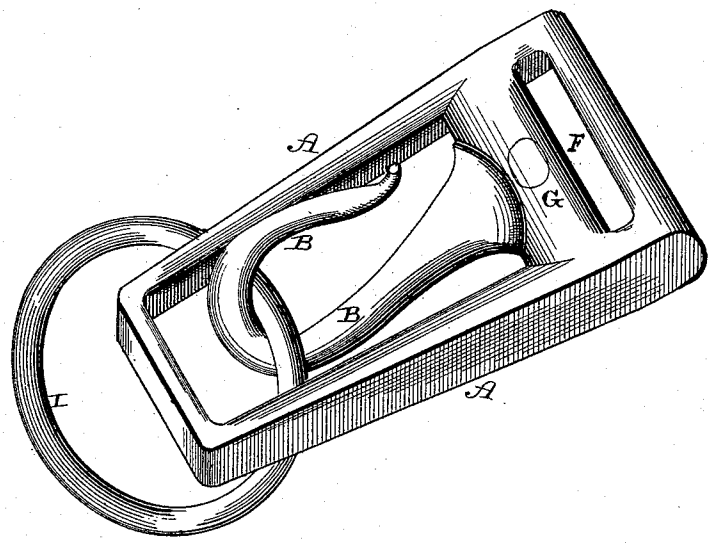
(No Model.)

C. D. WRIGHT.

SAFETY HOOK.

No. 539,887. Patented May 28, 1895.



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UNITED STATES PATENT OFFICE.

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SAFETY-HOOK.

SPECIFICATION forming part of Letters Patent No. 539,887, dated May 28, 1895.

Application filed November 12, 1894. Serial No. 528,599. (No model.)

To all whom it may concern:

Be it known that I, CHARLES D. WRIGHT, a citizen of the United States, and a resident of Niles, in the county of Berrien and State of Michigan, have invented certain new and useful Improvements in Safety-Hooks, of which the following is a specification.

My invention relates to an improvement in safety hooks, and it consists in a frame of suitable construction having a cross bar near one end to which the hook is secured, so as to have the hook extend up through the center of the frame, combined with the ring which is made to catch in the hook, as will be more fully described hereinafter.

The object of my invention is to provide a safety hook which is intended for use on the hames of harness, and which is adapted to engage with a ring on the free end of a strap secured to a neck yoke, and which hook is so guarded or protected by its frame that the ring can never become accidentally disengaged therefrom.

The accompanying drawing represents a perspective of a safety hook which embodies my invention.

A represents the frame of the hook which is provided with the slot F at one end for attachment to a strap, and the cross bar G of suitable width to which the hook B is secured in any desired manner. This hook projects below and above the frame, as shown, so that the frame which tapers slightly in width from the cross bar to its inner end shall act as a guard to prevent the ring I from becoming accidentally disengaged from the hook. The hook extends mid-way between the two sides of the frame, and the plane of the hook extends at right angles to that of the frame. The lower portion of the hook extends down below the lower edge of the frame far enough for both sides of the frame to rest upon the top of the ring after it has been placed upon the hook, making it impossible for the ring to be detached until all draft upon it has ceased, and the ring is turned into a vertical plane with the hook.

The ring and the hook are intended to be secured to any portion of the harness, or to a vehicle where two parts are to be connected in such a manner that there will be no danger of the ring becoming disengaged from the hook. They are especially intended to be used in connection with hames for harness or the strap that is fastened to a neck yoke. The ring is first passed vertically up through the frame in a line with the hook, and then the top portion of the ring is dropped over the point of the hook when the end of the frame will catch over the top of the ring while the hook will support it from below.

It will be seen that the entire safety hook consists of only the frame and the hook which constitutes one part, and the ring the other; that no springs are necessary to prevent the ring from becoming disengaged from the hook; and that the parts are simple in construction, cheap, and always ready for use, because there is nothing to be broken or get out of order.

Having thus described my invention, I claim—

A safety hook composed of the closed frame, provided at one end with a cross bar G, and the hook which is secured at one end to the cross bar, combined with the ring which engages with the hook; the hook being made to extend through the center of the frame at right angles to its plane, and to project above and below the frame, so that when the ring is placed upon the hook it will be entirely below the frame, substantially as shown.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

CHARLES D. WRIGHT.

Witnesses:
WILLIAM STONE,
LOUIS K. LANSING.