

(No Model.)

J. C. MOORE.
SAFETY BELT.

No. 468,574.

Patented Feb. 9, 1892.

Fig. 1.

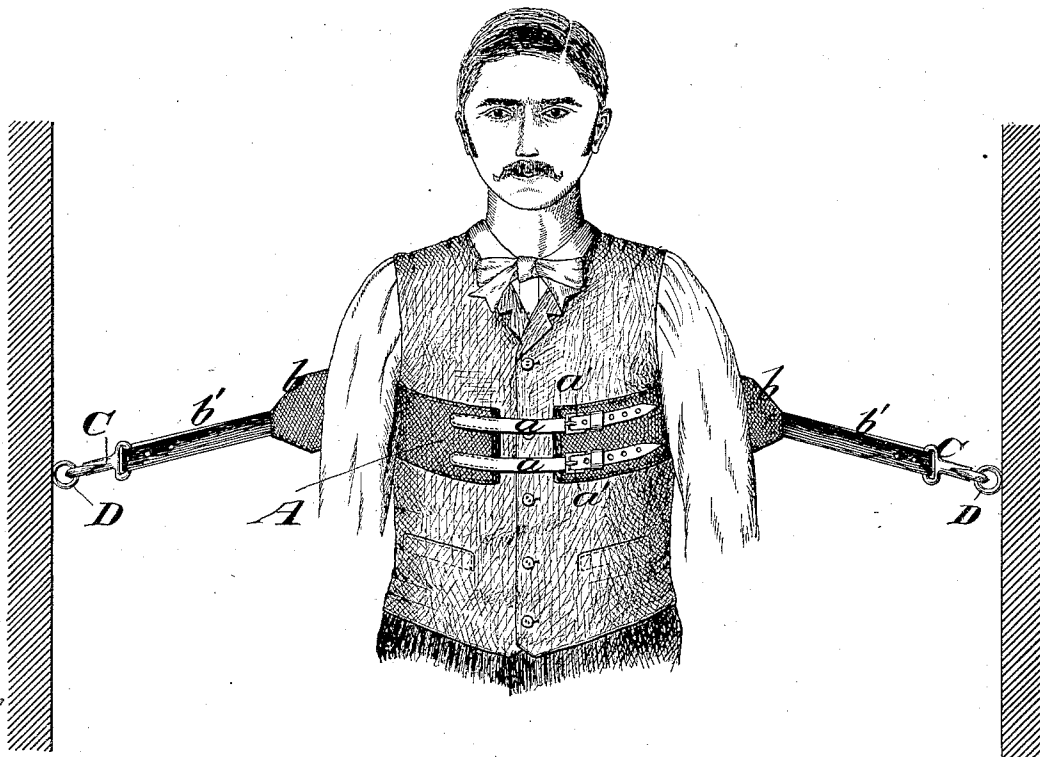
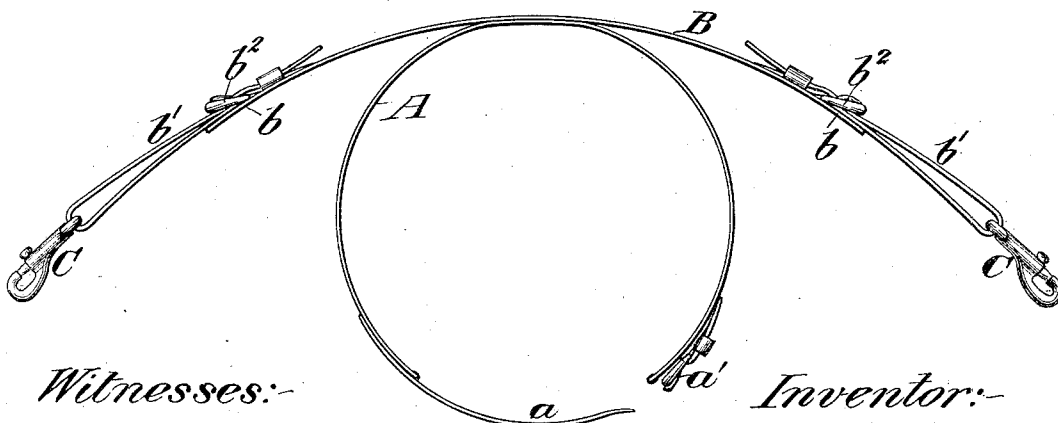


Fig. 2.



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JOHN C. MOORE, OF BROOKLYN, NEW YORK.

SAFETY-BELT.

SPECIFICATION forming part of Letters Patent No. 468,574, dated February 9, 1892.

Application filed August 15, 1891. Serial No. 402,720. (No model.)

To all whom it may concern:

Be it known that I, JOHN C. MOORE, of Brooklyn, in the county of Kings and State of New York, have invented a new and useful Improvement in Safety-Belts, of which the following is a specification.

My invention relates to an improvement in safety-belts for the purpose of guarding a person against liability of falling when working outside of windows or along the outsides of vessels or other structures where it is desirable that both hands be employed to do the work without depending upon the hand-grasp for holding the person against falling.

The object is to provide a belt which may be readily transported from place to place, quickly adjusted, and capable of holding the workman against the liability of a swaying movement when supported thereby.

A practical embodiment of my invention is represented in the accompanying drawings, in which—

Figure 1 shows the belt as it appears when adjusted for use, and Fig. 2 represents a top plan view of the belt in detail.

The body portion A of the belt consists of a broad strap, which may be formed of stout webbing or other suitable material. The strap A is intended to surround the body of the workman below the arms and is provided with one or more straps and buckles *a a'*—in the present instance two—for the purpose of adjusting the said body portion tightly to the body of the wearer. To that portion of the body A which is about midway between its free ends a second strap B is secured about midway of its length and extended out to the right and left from the body A in the form of wing-straps *b*. The strap B may also be formed of stout webbing or other suitable material. The ends of the wing portions *b* are provided with tabs *b'*, each consisting of a strap secured at one end to the end of the wing *b* and folded back upon itself, its free end passing through a buckle *b²*, also secured to the end of the wing *b*, so that the tabs may be lengthened or shortened at pleasure. Snap-hooks C are secured within the bights of the tabs *b'* for the purpose of attaching the wings to eyebolts D, or to a line extending along the side of a ship, or to any other suitable support from which it is desirable that the workman be suspended.

In the form shown in Fig. 1 I have represented the strap as employed for the purpose of holding a person working outside of a window, the window-frames in this instance being shown as provided with eyebolts D for the attachment thereto of the snap-hooks C. When used in this manner, the belt may be adjusted so that the wings *b* of the part B shall extend back of the arms of the workman, leaving his arms free to attend to whatever may be required as he rests in an inclined position with his face toward the window. As the wings *b* are secured at each end to the eyebolts D, it will serve to hold the body of the workman against a swaying movement and enable him to press with sufficient force either in a direction directly toward the window or at an inclination thereto without giving way. On the other hand, should it be desired to work nearer one side of the window than the other the tab *b'* on the one side may be lengthened and that upon the other side shortened, so as to still hold him firmly in the position desired. When, on the other hand, it is desired to work with the back toward the window—as, for example, in manipulating clothes-lines hung from the outside of the window—the strap may be shifted so as to bring the attachment of the part B at the front of the body instead of the back.

In working along the outside of large vessels the snap-hooks may be adjusted at different positions along a stationary line, so as to admit of the workman following along from point to point and still being held securely suspended, so as to be able to work to advantage.

The whole device may be conveniently folded and packed away as a part of a workman's kit and transported from place to place, as it is all in one piece and weighs but very little.

What I claim is—

1. The herein-described safety-belt, comprising a body portion and means for fastening its ends and wing portions, secured to and extending to the right and left from the body portion, said wings being provided with adjustable tabs at their ends and fastening devices at the ends of the tabs for securing the wing portions to a support, substantially as set forth.

2. The herein-described safety-belt, provided with a body portion and means for securing the ends of the body portion around the body of a person, wing portions secured
5 at a point substantially midway between the ends of the body portion and carrying at their free ends tabs provided with buckles for shortening and lengthening them, and snap-hooks

secured to the tabs for the adjustment and removal of the wing portions to or from supports, substantially as set forth.

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Witnesses:

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