

(No Model.)

E. G. HARLEY.
SAFETY ATTACHMENT.

No. 296,002.

Patented Apr. 1, 1884.

Fig. 1.



Fig. 4.

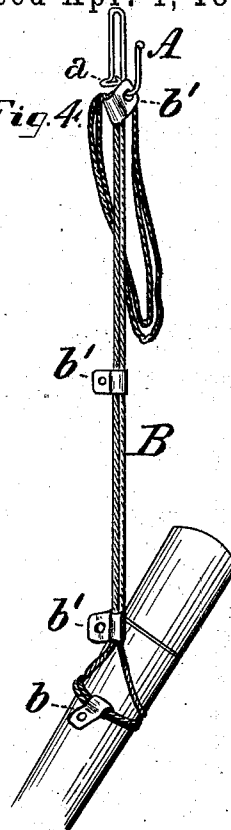


Fig. 3.

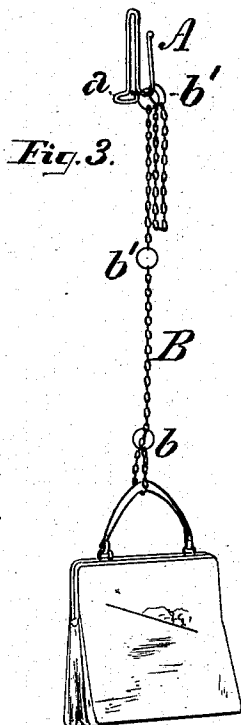


Fig. 5.

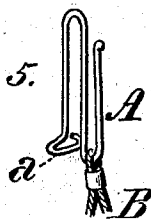
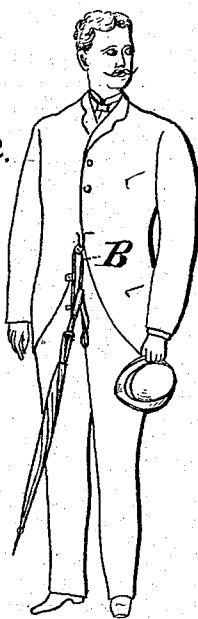


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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SAFETY ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 296,002, dated April 1, 1884.

Application filed January 18, 1884. (No model.)

To all whom it may concern:

Be it known that I, ELIZABETH G. HARLEY, of the city and county of Philadelphia, in the State of Pennsylvania, have invented certain new and useful Improvements in Safety Attachments, of which improvements the following is a specification.

The object of my invention is to provide simple, convenient, and effective means for the attachment of an umbrella, satchel, caba, or other small article ordinarily carried in the hand, to a part of the wearing-apparel of the person carrying the same, so as to enable such article to be transported and handled as desired without risk of being dropped or mislaid.

To this end my improvements consist in the combination of a cord or chain and a suspending-hook of special construction; also, in the combination of a cord or chain, a suspending-hook, a connecting-piece, and a series of adjusting-pieces, all as hereinafter more fully set forth.

In the accompanying drawings, Figure 1 is a view in perspective, illustrating the application of my invention for carrying a lady's caba; Fig. 2, a similar view, showing it as used for carrying an umbrella; Figs. 3 and 4, views on an enlarged scale, showing, respectively, different constructions of the device as proper for the uses shown in Figs. 1 and 2; and Fig. 5, a view of the suspending-hook detached.

My complete device I term the "universal attacher," inasmuch as it is adapted to be used for carrying almost any article of sufficient lightness to be ordinarily carried in the hand. In its construction I provide a suspending-hook, A, of wire, bent into the form shown in the drawings—to wit, having three substantially-parallel limbs forming two bends of U shape, with openings at opposite ends, respectively, of the hook, and having a cross-piece or retainer, *a*, on one of its ends. A cord or chain, B, is connected at one of its ends to the bend of the hook A farthest from the cross-piece *a*, and is provided at its opposite end with a connecting-piece, *b*, through which the cord or chain is passed to form a loop around any convenient point of attachment on the article to be carried. When a chain is employed, the connecting-piece may be a simple ring, as in Fig. 3, and if a cord is

used the connecting-piece is preferably in the form shown in Fig. 4—that is to say, having a tubular portion fitting the cord (which may be single or double) and a lateral eye or ring. One or more adjusting-pieces, *b'*, which may be of similar construction to the connecting-piece *b*, are attached to the cord or chain B at a desired point or points in its length.

In the use of the device, the suspending-hook A is connected to a button hole of a coat, dress, or other outer garment, or to a belt, the transverse piece *a* serving to retain it in position, and the opposite end of the cord or chain is looped around and tightened on the article to be carried by the connecting-piece *b*. By engaging one or another of the adjusting-pieces *b'* with the hook A, the cord or chain may be shortened or lengthened, so that the attached article will be suspended at such convenient height as may be desired, so as to relieve the hands of the person carrying it and obviate risk of its being lost or mislaid.

When not in use, the chain may be left attached to the article, with the adjusting-pieces connected to the hook and looped up or not at pleasure.

I claim as my invention and desire to secure by Letters Patent—

1. A suspending-hook for safety attachments, having two U-shaped bends turned in opposite directions, and a cross-piece or retainer at the end of one of said bends, in combination with a cord or chain provided with means for attachment to said hook and to the article to be carried, substantially as set forth.

2. The combination of a suspending-hook such as described, and a cord or chain connected at one end to said hook, and having a connecting piece, ring, or slide at the other, substantially as set forth.

3. The combination of a suspending-hook such as described, a cord or chain attached thereto, a connecting-piece attached to the opposite end of said cord or chain, and one or more adjusting-pieces attached to the cord or chain between the hook and the connecting-piece, substantially as set forth.

ELIZABETH G. HARLEY.

Witnesses:

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