

(No Model.)

2 Sheets—Sheet 1.

W. H. EMERSON.
ELEVATOR CUP ATTACHMENT.

No. 533,875.

Patented Feb. 12, 1895.

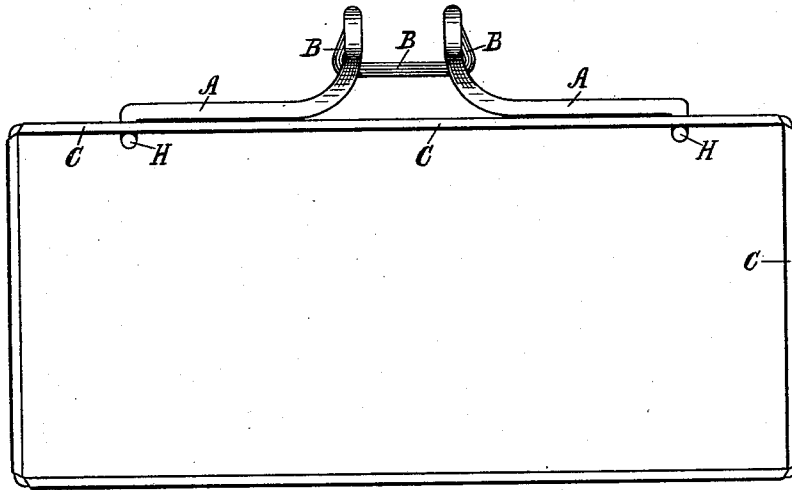


Fig. 2.

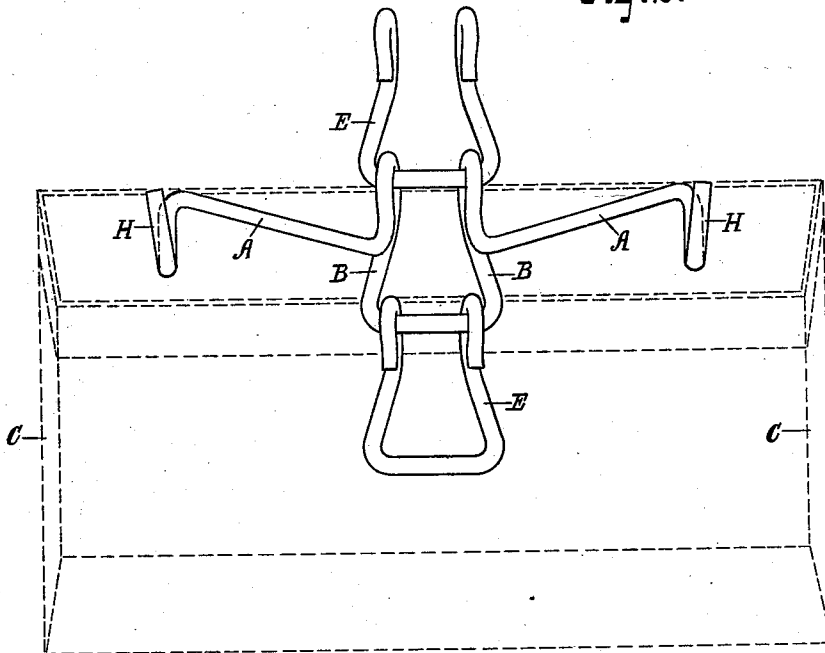


Fig. 1.

Witnesses
A. Edmunds,
S. M. Bain

Inventor
William H. Emerson
By P. J. Edmunds
Attorney

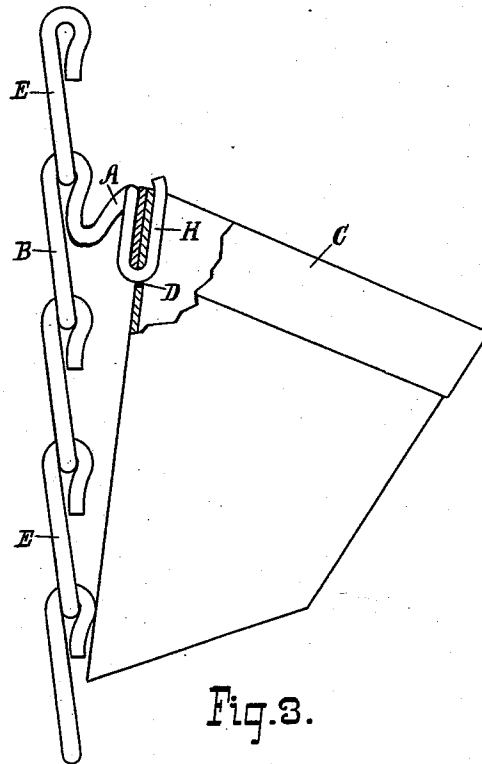
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UNITED STATES PATENT OFFICE.

WILLIAM H. EMERSON, OF CHATHAM, CANADA, ASSIGNOR OF ONE-HALF TO
MANSON CAMPBELL, OF SAME PLACE.

ELEVATOR-CUP ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 533,875, dated February 12, 1895.

Application filed March 24, 1893. Serial No. 467,613. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. EMERSON, a subject of the Queen of Great Britain, and a resident of Chatham, in the county of Kent, in the Province of Ontario, Canada, have invented a new and useful Elevator-Cup Attachment, of which the following specification, taken in connection with the accompanying drawings, forms a full, clear, and exact description.

This invention relates to a device for attaching an elevator cup to its carrier.

The object is to provide a simple, strong, durable and at the same time an inexpensive device for this purpose.

This invention consists of the improved construction and combination of parts of the same as will be hereinafter first fully set forth and described and then pointed out in the claims.

Reference is had to the accompanying drawings, wherein—

Figure 1. is a front view of a portion of a chain belt embodying my invention. In this view the elevator cup is shown in dotted lines. Fig. 2. is a plan view of same. Fig. 3. is an end view of same, in which the elevator cup is partly cut away in order to show the attachment more clearly.

This invention consists of a body, B, constructed of any suitable size or shape and of any suitable material. As shown in the accompanying drawings one of the links of a chain belt, E, provides a simple and convenient body, B; but this body, B, may be made open as shown, or in one solid piece and attached to a chain, leather or other suitable carrier belt.

A, A, designate arms or wings which extend downward substantially parallel to body B, and then laterally from the body, B, as shown in Fig. 1, of the accompanying drawings. These arms support the elevator cup on each side of the carrier belt, E, and pro-

vide a wide support for said cup to hold it firmly in position. These arms, A, A, extend slightly forward and upward toward their outer ends to increase their rigidity in holding the elevator cup to its work when in operation.

H, H, designate angular hooked or returned ends on the arms, A, A, which form a convenient means for supporting and connecting the elevator cup, C, with said arms; but this cup may be attached to said arms by any suitable means or devices.

C, designates an elevator cup formed with the holes or perforations, D, therein; and the arms A, A, are attached to said cup by projecting the angular hooked ends H, H, through the perforations, D, as shown in Fig. 3, of the accompanying drawings, and then compressing the returned ends H, H, to firmly and securely bind and hold the cup thereto. This firmly holds the elevator cup, C, in position and prevents its accidental displacement when in operation.

Having thus described my invention, I claim—

1. An elevator cup attachment consisting of a body having two arms bent back upon and extending substantially parallel to it, the outer ends of said arms being bent out laterally away from said body and adapted to be connected to the cup.

2. An elevator cup attachment consisting of a U shaped link having two arms bent down substantially parallel to its side pieces, the outer ends of said arms being bent out laterally away from said side pieces of the link and adapted to be connected to the cup.

In testimony whereof I affix my signature in the presence of the two undersigned witnesses.

WILLIAM H. EMERSON.

Witnesses:

C. R. ATKINSON, Jr.,
W. A. HADLEY.