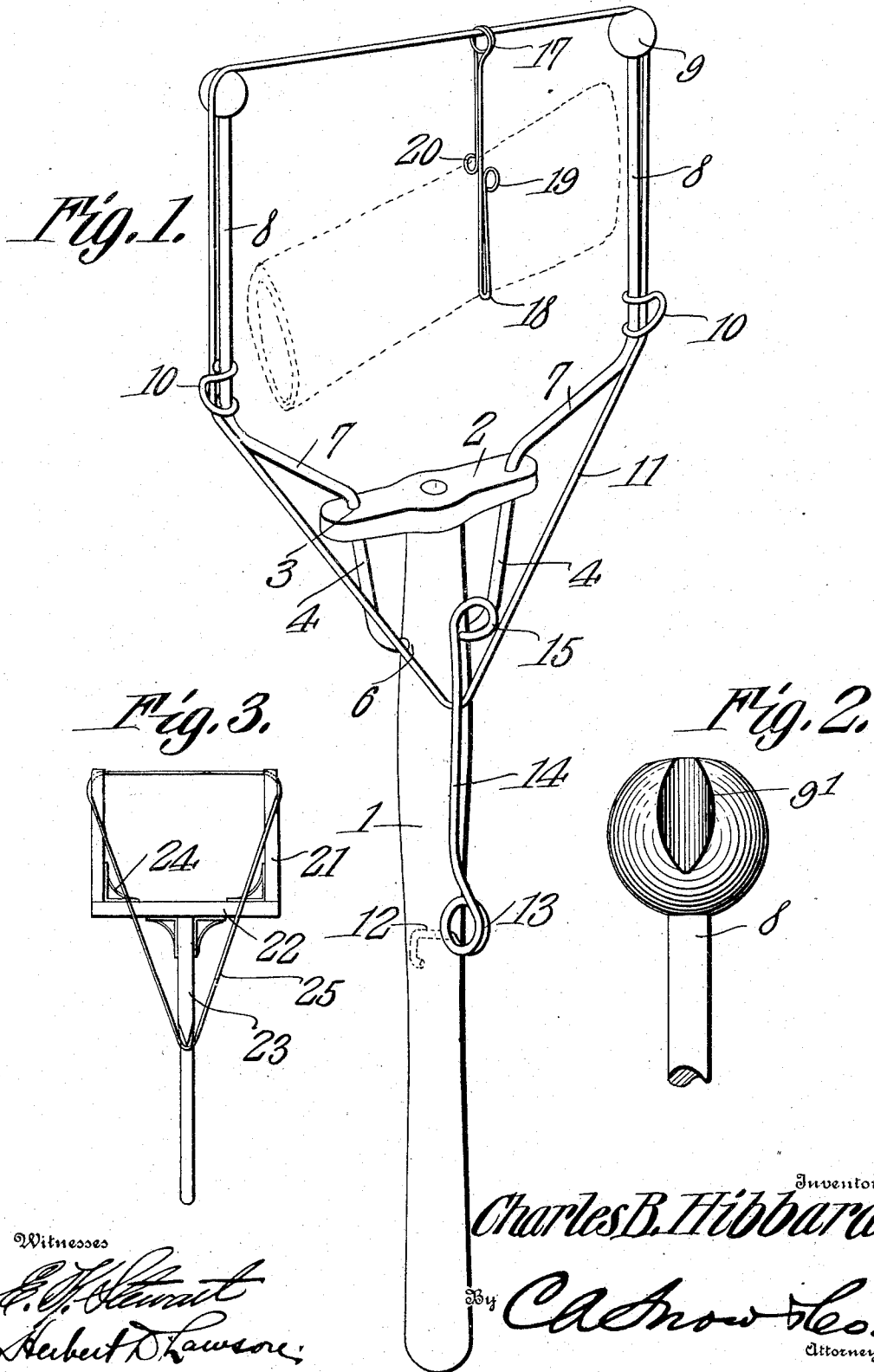


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 TRAIN ORDER DELIVERING DEVICE.
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947,236.

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UNITED STATES PATENT OFFICE.

CHARLES B. HIBBARD, OF PULASKI, NEW YORK, ASSIGNOR OF ONE-HALF TO ALLEN D. PECK, OF PULASKI, NEW YORK.

TRAIN-ORDER-DELIVERING DEVICE.

947,236.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CHARLES B. HIBBARD, a citizen of the United States; residing at Pulaski, in the county of Oswego and State of New York, have invented a new and useful Train-Order-Delivering Device, of which the following is a specification.

This invention relates to devices for delivering orders and other papers to persons upon moving trains, the object of the invention being to provide a durable device of this character which is light in construction and can therefore be readily held extended in a position where it can be conveniently reached by the person to whom the orders are to be delivered, means being provided whereby the danger of failure to collect the orders is reduced to the minimum.

A further object is to provide a clip-carrying cord designed to be mounted upon the holder in such a manner as to present a large loop designed to receive the arm of the person collecting the orders, the holder being provided with means whereby slack within the cord can be conveniently taken up irrespective of the size of said cord or of the loop formed thereby.

A further object is to so construct the holder as to positively prevent the cord becoming caught therein while being removed therefrom.

With these and other objects in view the invention consists of certain novel details of construction and combinations of parts hereinafter more fully described and pointed out in the claims.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings:—Figure 1 is a perspective view of the device embodying the present improvements, the position of a paper to be delivered being indicated by dotted lines. Fig. 2 is an enlarged side elevation of the head of one of the tines of the holder. Fig. 3 is a detail view of a modified form of delivering device.

Referring to the figures by characters of reference 1 designates a handle of any suitable length and having a cross member 2 at one end provided with apertures 3 adjacent the terminals thereof. A U-shaped wire 4 extends through these apertures and has its intermediate portion seated within a transverse opening 6 formed within the handle 1, the terminals of said U-shaped

wire diverging as indicated at 7 so as to extend beyond the ends of the cross member 2, said diverging portions merging into parallel fingers 8, the outer or free ends of which are provided with preferably spherical heads 9.

As shown especially in Fig. 2 each head has a notch 10 formed therein, said notches being extended in the direction of the fingers 8 and constituting seats for an endless cord 11. Laterally extending ears 12 are secured to and formed with the fingers 8 close to the diverging portions 7, and extending through the handle 1 is a stem 12 projecting from a coil 13 formed of spring wire. This coil merges into an elongated jaw 14 extending longitudinally of the handle and provided at its free end with a loop 15 constituting a finger piece by means of which the jaw 14 can be swung out of contact with the handle 1 for the purpose hereinafter set forth.

The cord 11 has a clip 16 thereon which, as shown in Fig. 1, is formed of a single length of spring wire coiled at an intermediate point to form an eye 17 through which the cord extends. One terminal portion of the clip is folded upon itself as indicated at 18 and terminates in an eye 19 disposed adjacent another eye 20 formed at the other end of the wire. It will be seen therefore that both terminal portions of the wire constitute clips for engaging a paper containing train orders or the like.

In using the device herein described an endless cord such as indicated at 11 is seated within the grooves 9' and then extends under the ears 12. That portion of the cord extending across the handle 1 is then inserted between the handle and the jaw 14, and inasmuch as this jaw normally contacts throughout its length with the handle 1, it will be apparent that it will bind upon the cord 11 no matter at what point said cord may be placed between the jaw and the handle. Obviously therefore the cord 11 can be drawn taut and held so by the jaw 14. When the parts are thus assembled the clip 16 will be supported by the cord between the fingers 8, and the paper containing the orders or the like may be inserted into the clip so as to be held thereby. The operator then grasps the handle 1 and holds the device extended with one of the fingers 8 above the other. The person to whom the orders are to be delivered stretches out one

arm and inserts it between the fingers 8 as the train passes the point of delivery, this resulting in withdrawing the cord from between the jaw 14 and handle 1 and also pulling it off of the ears 12 and the grooves 9'.

It will be seen that by reason of the peculiar arrangement and construction of the parts it will be impossible for the cord 11 to become caught upon any portion of the holder, and therefore the accurate delivery of the cord and the paper supported thereby is insured.

If desired, and as shown in Fig. 3, wooden fingers 21 may be extended from the ends of the cross member 22, there being a socket member 23 projecting from the cross member and all of the parts being strengthened by means of metal brackets 24. When this structure is used the cord 25 can be placed in engagement with the free ends of the fingers and brought back onto the handle 25 where it can be held by the pressure of a thumb or finger. It is also preferable to paint the cross member 22 and the finger 21 a light color so that they can be readily distinguished at night.

Obviously various changes may be made in the construction and arrangement of the parts without departing from the spirit or sacrificing the advantages of the invention.

What is claimed is:—

1. A device of the class described comprising a handle, spaced fingers connected thereto and having seats at the free terminals thereof, laterally extending ears upon the fingers, and a spring clamping device carried by the handle and extending in the direction of the fingers.

2. A device of the class described comprising a handle, spaced fingers connected thereto and having seats at the free terminals thereof, laterally extending retaining devices upon the fingers, and a spring clamping member extending longitudinally upon the handle.

3. A device of the class described comprising a handle, parallel fingers connected thereto and extending there-beyond, each finger having a seat at the free terminal thereof, laterally extending ears upon the fingers, a spring clamping device secured at one end to the handle and extending lon-

gitudinally thereof in the direction of the fingers.

4. A device of the class described comprising a handle, a cross member at one end thereof, a wire having a U-shaped intermediate portion extending through the handle and cross member and merging into diverging portions, there being parallel fingers extending from said diverging portions, and separate means upon the fingers and handle for holding an endless cord taut between and upon the fingers.

5. A device of the class described comprising a handle, a cross member at one end thereof, a U-shaped device extending through the handle and cross member and merging into diverging portions, there being parallel fingers at the ends of the diverging portions, the free ends of said fingers being provided with seats, laterally extending ears upon the fingers, and a spring clamping device carried by the handle.

6. A device of the class described comprising a handle, diverging devices extending from the handle and having fingers at their outer ends, there being seats within the free ends of the fingers, laterally extending retaining devices upon the fingers, an endless cord detachably mounted within the seats and detachably engaging the retaining devices, a spring clamping device upon the handle for engaging the cord to hold it taut, and a clip loosely mounted upon that portion of the cord between the seats.

7. A device of the class described comprising a handle, fingers connected to and extending beyond the handle, said fingers having seats in the free ends thereof, retaining devices outstanding from the fingers, an endless clip-carrying device removably mounted within the seats and detachably engaging the retaining devices, and means upon the handle for clamping the cord thereagainst to hold the same taut.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

CHARLES B. HIBBARD.

Witnesses:

A. D. PECK,

JOHN C. PEACH.