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DEVICE FOR HANDLING TRAIN ORDERS AND MESSAGES.

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Fig. 1.

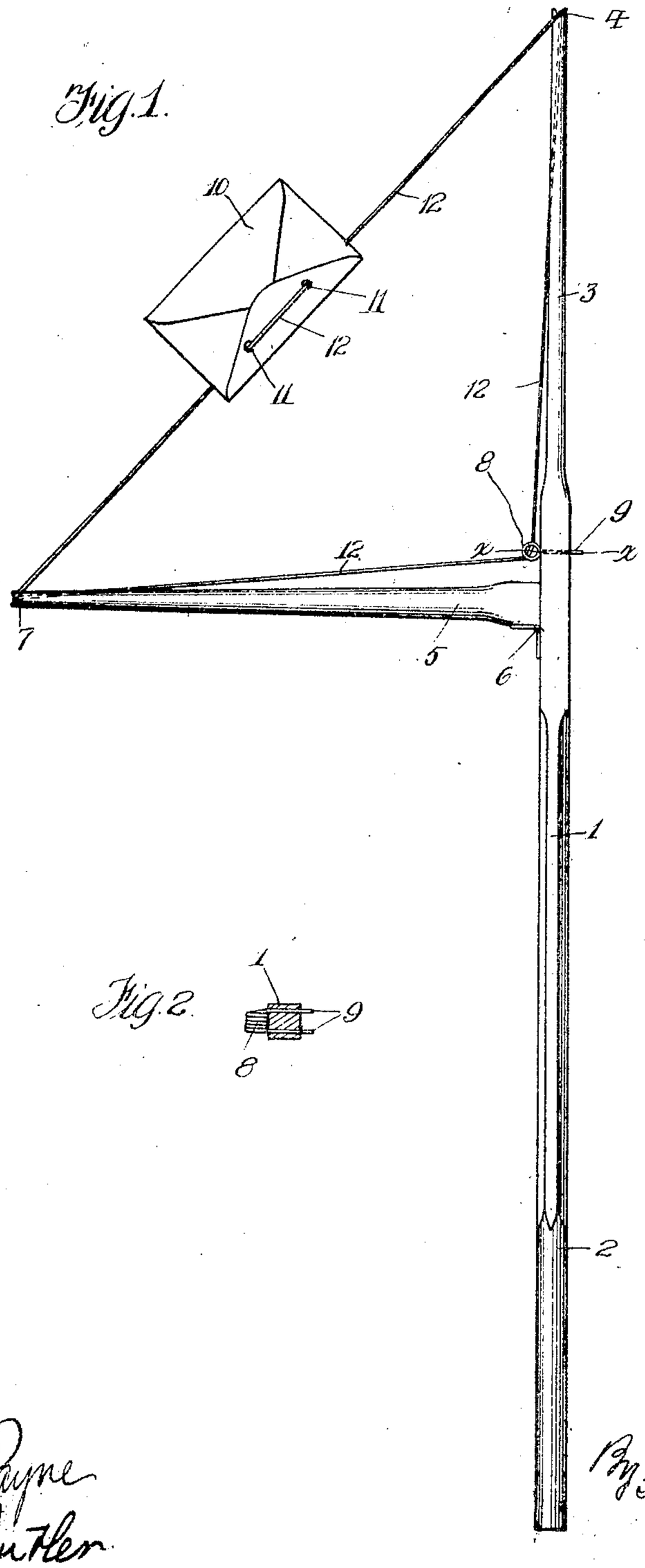

Fig. 2.

Witnesses

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DEVICE FOR HANDLING TRAIN ORDERS AND MESSAGES.

932,873. Specification of Letters Patent. Patented Aug. 31, 1909.

Application filed June 1, 1909. Serial No. 499,323.

To all whom it may concern:

Be it known that I, SAMUEL KIPP, a citizen of the United States of America, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Devices for Handling Train Orders and Messages, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a device for handling train orders and messages, and the invention has for its primary object to provide a simple and inexpensive device by which train orders or messages can be safely delivered to a moving train by a person or delivered from the moving train to the person, in either instance, the train order or message being safely transmitted without injury to the message or the parties receiving and delivering the same.

Another object of this invention is to provide a device for handling orders and messages with a yieldable arm and a yieldable connection permitting of an order or message being quickly released from the device when caught by the receiver.

These and such other objects as may hereinafter appear are attained by a device that will be presently described in detail and then claimed, and reference will now be had to the drawing forming part of this application, wherein there is illustrated a preferred embodiment of the invention, but it is to be understood that the structural elements thereof can be varied or changed without departing from the spirit and scope of the invention.

In the drawing, Figure 1 is an elevation of the device, and Fig. 2 is a cross sectional view taken on the line X—X of Fig. 1.

In the drawings, 1 designates a staff having one end thereof provided with a handle 2, and the opposite end tapered, as at 3, and provided with a transverse notch 4 in the upper end thereof.

5 designates a yieldable tapering arm hinged to one side of the staff 1, as at 6, the outer end of this arm is provided with a transverse notch 7.

8 designates a coil spring having the ends 9 thereof extending through the mast 1 adjacent to the hinged end of the arm 5; the convolutions of said coil spring constituting a yieldable connection.

10 designates an envelop or package adapted to contain an order or message, said envelop or package having two perforations or openings 11 through which extends an endless cord, or flexible holder 12. The cord 12 is placed in the notches 4 and 7 and is frictionally held between two of the convolutions of the spring 8, whereby that portion of the cord or holder supporting the envelop or package 10 will represent the hypotenuse of the angle formed by the remainder of the cord, or the staff and the arm thereof.

With the staff 1 held in the hand, the device can be extended toward a rack upon which a train is approaching, the device being held at an elevation, whereby the cord or holder 12 can be gripped or hooked by the hand or arm of an engineer, conductor, or similar trainmen, having authority to receive the order or message.

The cord or holder 12 is adapted to quickly release itself from the yieldable connection 8, and from the notches 4 and 7, and the arm 5 is hinged, so that the said arm can move in one direction relative to the staff, should it be necessary in the removal of the cord or holder 12. The arm 5 is held at right angles to the staff 1, by the cord or holder 12, and immediately swings into parallelism with the staff 1, when released by the cord or holder 12. The arm is hinged whereby the outer end thereof will assist in maintaining the order holder or cord taut, also permitting of the device being folded to occupy a comparatively small space in shipment or storage.

The staff 1 and the arm 5 can be made of wood or metal and of any desired length, while a suitable material can be used for the cord or holder 12.

Having now described my invention, what I claim as new, is:—

1. A device of the type described, comprising a staff, a movable arm carried thereby, and an order holder detachably connected to said staff and said arm.

2. A device of the type described, comprising a staff, an arm movably connected to said staff, and an order holder detachably connected to said staff and adapted to extend over the outer end of said arm.

3. A device for delivering train orders and messages, comprising a cord, means for maintaining said cord in a triangular form, said means including a staff, and an arm carried by said staff.

4. An order holder consisting of the fol-

lowing elements, to wit;—a staff, an arm, and a cord adapted to engage said staff and arm and maintain an order in a position to be readily gripped.

5. A device for delivering train orders and messages, comprising a staff, a movable arm connected to said staff, a yieldable connection carried by said staff adjacent to said arm, an order holder adapted to engage the upper end of said staff, the outer end of said arm and said yieldable connection.

6. A device of the type described, comprising a staff having the upper end thereof provided with a notch, an arm carried by said staff and having the outer end thereof provided with a notch, a yieldable connection carried by said staff adjacent to said arm, and an order holder adapted to engage in said notches and be frictionally held by said yieldable connection.

7. A device for handling train orders and messages, comprising a staff having the upper end thereof provided with a notch, an arm hinged to said staff and having the outer end thereof provided with a notch, a coil spring carried by said staff adjacent to said arm, and an endless order holding cord arranged in said notches and between two of the convolutions of said spring, substantially as described.

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

SAMUEL KIPP.

Witnesses:
A. H. RABSIG.
R. L. FARRINGTON.