

No. 742,353.

PATENTED OCT. 27, 1903.

C. J. QUAY.
TRAIN ORDER HOLDING DEVICE.

APPLICATION FILED APR. 18, 1903.

NO MODEL.

Fig. 1.

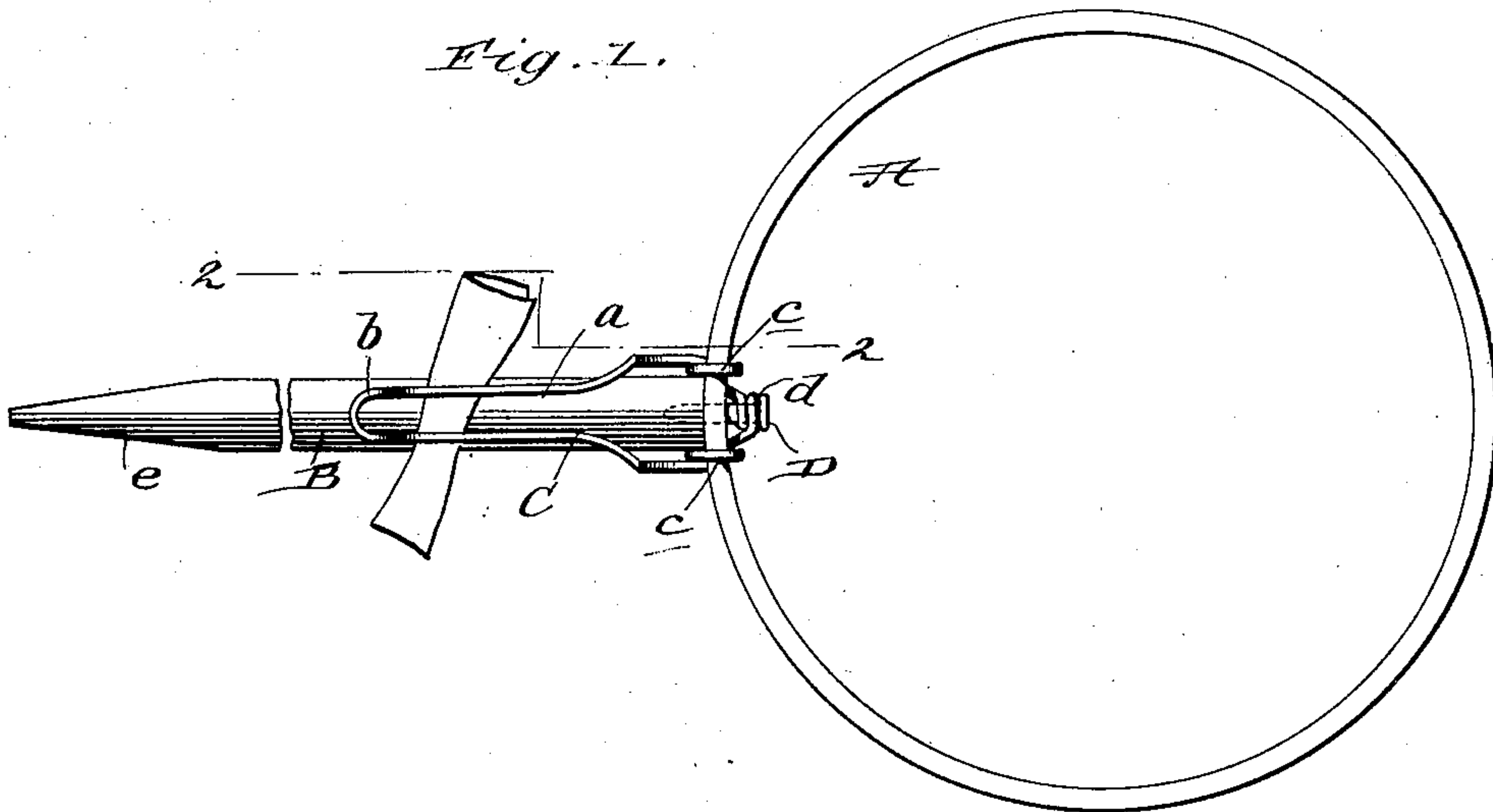


Fig. 2.

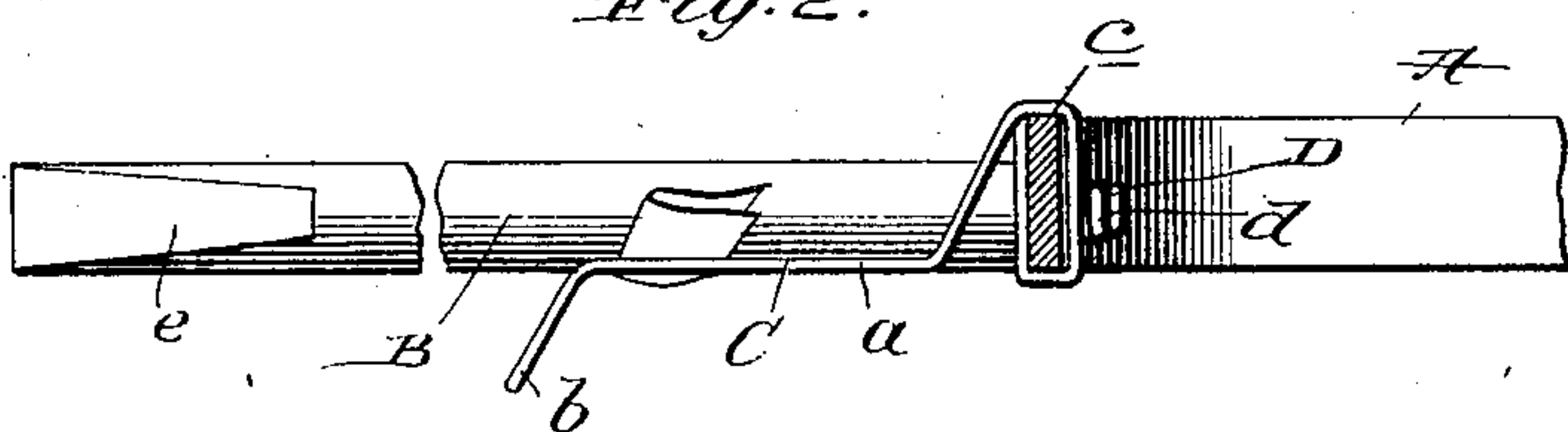
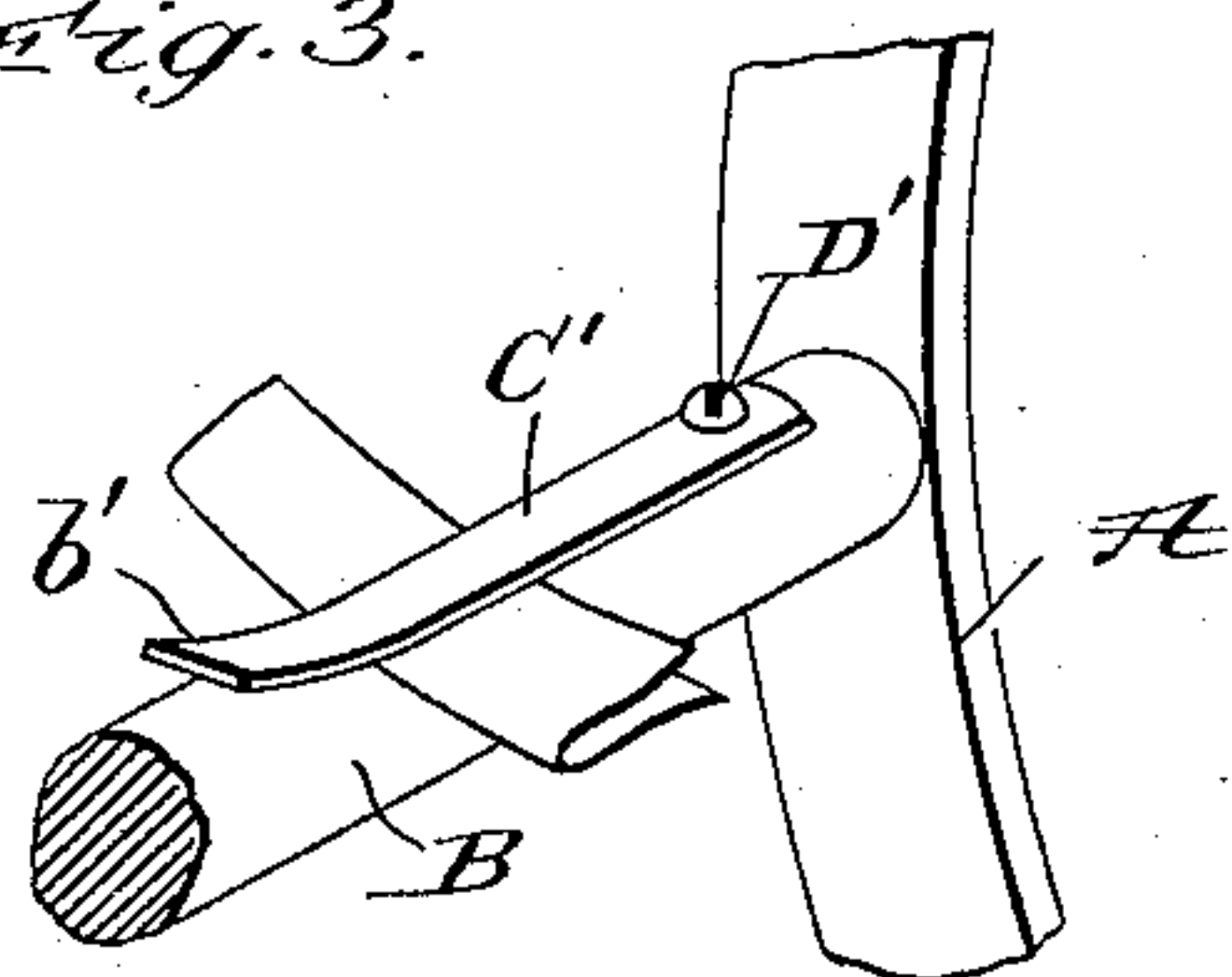


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

CARPENTER J. QUAY, OF MEADVILLE, PENNSYLVANIA.

TRAIN-ORDER-HOLDING DEVICE.

SPECIFICATION forming part of Letters Patent No. 742,353, dated October 27, 1903.

Application filed April 18, 1903. Serial No. 153,293. (No model.)

To all whom it may concern:

Be it known that I, CARPENTER J. QUAY, a citizen of the United States, residing at Meadville, in the county of Crawford and State of Pennsylvania, have invented new and useful Improvements in Train-Order-Holding Devices, of which the following is a specification.

My present invention pertains to train-order-holding devices—i. e., devices for holding train-orders, messages, and other articles—and adapted when held in proper position close to a railway-track to be conveniently taken on a fast-moving train.

The invention is designed more particularly as an improvement upon the device constituting the subject-matter of my Letters Patent No. 576,691, dated February 9, 1897; and it consists in the peculiar and advantageous construction hereinafter described, and particularly pointed out in the claims appended.

In the accompanying drawings, Figure 1 is a side elevation of the device forming the preferred embodiment of my invention, the same being shown with a train-order or message clamped thereon. Fig. 2 is a detail section taken at right angles to Fig. 1 on the broken line 2 2 of said figure, and Fig. 3 is a detail sectional perspective view illustrating a modified spring for clamping messages and other articles against the device.

Similar letters designate corresponding parts in Figs. 1 and 2 of the drawings, referring to which A is a hoop, which is preferably of wood, because of the lightness of such material, and has a shank B, also preferably of wood, extending radially therefrom, and C is a spring for clamping messages, train-orders, and the like against the said shank of the hoop. I prefer to connect the hoop and its shank through the medium of a nail D, having a head disposed within the hoop, and I also prefer to utilize said nail in connecting the spring to the hoop, as presently described. The spring is of wire of suitable caliber and resiliency and comprises a loop *a*, which is of a width to bear against the shank B and has its bight portion inclined outwardly, as indicated by *b*, this to form a convenient finger-grasp and to permit of the ready interposition of messages and the like between the spring and the shank. The ends

of the said loop *a* are coiled about the hoop at opposite sides of the shank, as indicated by *c*, and are wrapped around and secured to the nail D, as indicated by *d*.

In virtue of the spring C being constructed and arranged as shown and described it will be observed that a message, train-order, or other article that it is desired to put on a moving train may be readily secured between the spring and the shank and as readily removed therefrom, and this without liability of such message or article being casually displaced and lost incident to the taking of the device on a fast-moving train.

In using the device a person after securing the message, train-order, or other article between the spring and shank holds the device by the shank close to a railway-track, so as to enable the engineer or the conductor of a moving train to pass his arm through the hoop A, and thereby take the device on the train.

When desired, I may taper the end of the shank B, as indicated by *e*, and place said shank in a correspondingly-tapered bifurcation of a stationary support such as shown in my aforesaid Letters Patent; also, I may depend on a device on a locomotive to take through the hoop A, and thereby catch and hold my improved device with the message or article which it carries. I have deemed it unnecessary to illustrate the stationary support and the device on a locomotive, as the same are shown in my aforesaid Letters Patent and form no part of my present invention.

The modified construction (shown in Fig. 3) comprises a hoop A, having a shank B and a spring C' for clamping messages and other articles against the shank. The spring C' differs from the spring C in that it is formed of a strip of flat metal and is connected at one end to the shank through the medium of a screw D'. The opposite end of said spring C' is free and is bent outwardly, as indicated by *b'*, to form a convenient finger-grasp and permit of the ready interposition of a message between the spring and the shank.

When desired, in lieu of providing the shank of my improved device with a spring for holding messages and other articles said shank may be provided with a pocket, bag, or other receptacle, in which messages and other ar-

articles to be put aboard a moving train may be placed.

The arrangement of the means for holding messages and other articles on the shank or handle of the device is materially advantageous, since it leaves the hook entirely open and precludes injury to the arm of a person on a moving train when such person runs his arm through the hoop to take the device on the train.

Having described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A device for placing messages and articles upon moving trains, comprising a hoop having a shank extending therefrom, and means, on the shank, for holding messages and articles.

2. A device for placing messages and articles upon moving trains, comprising a hoop having a shank extending therefrom, and a

spring for clamping messages and other articles against the shank; said spring being arranged longitudinally on the shank, with one of its ends secured, and its opposite and free end bent outwardly.

3. A device for placing messages and articles upon moving trains, comprising a hoop having a shank extending therefrom, means connecting the hoop and shank, and a spring of wire, arranged longitudinally on the shank; said spring embodying a loop having its bight portion bent away from the shank, and its ends coiled about the hoop, and secured to the means connecting the hoop and the shank.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CARPENTER J. QUAY.

Witnesses:

NORMAN C. McLAUGHLIN,
ISAAC E. MYERS.