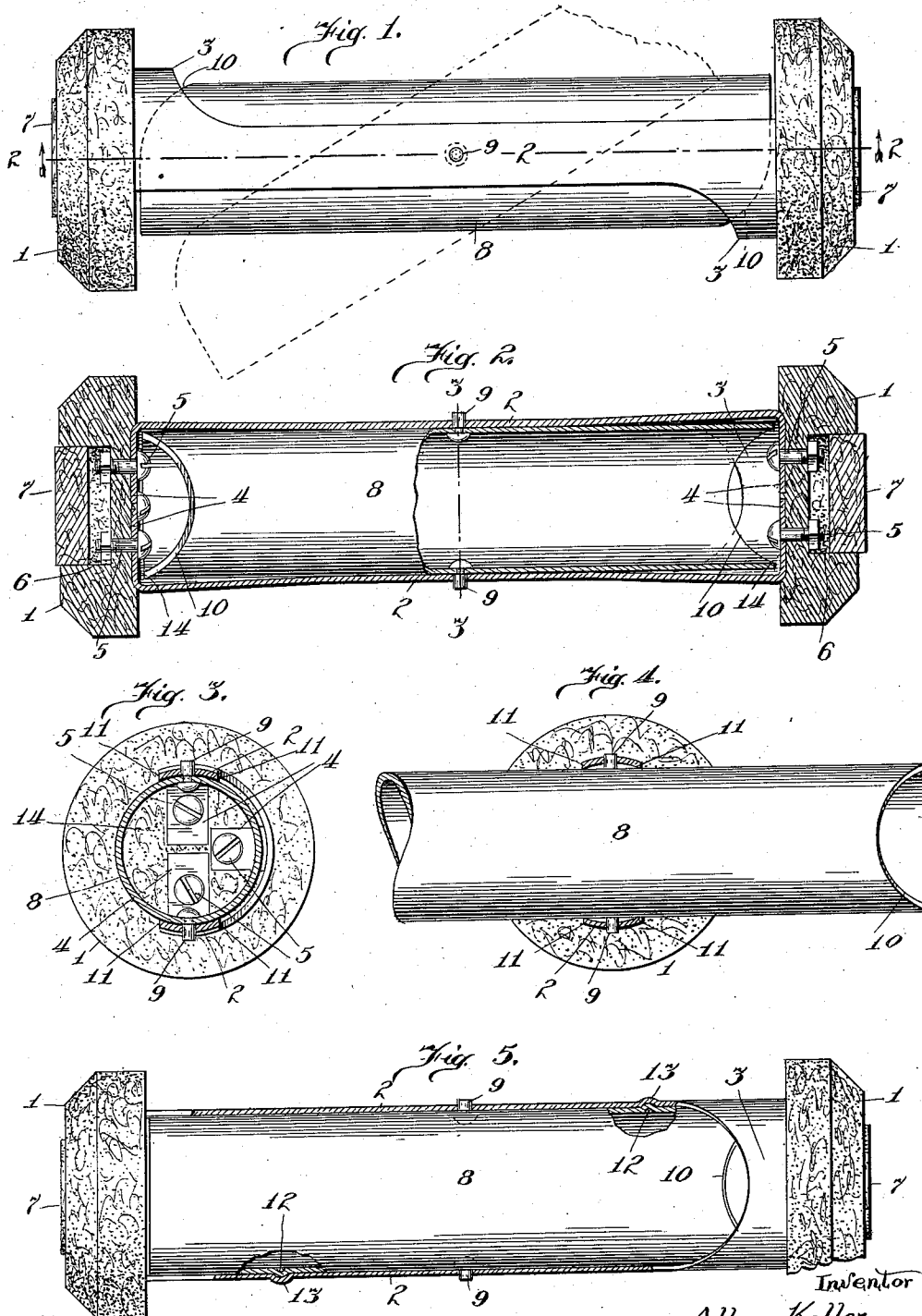


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CARRIER.

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CARRIER.

1,028,469.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ALLEN KELLER, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Carriers, of which the following is a specification.

My invention relates to improvements in carriers adapted for use in conjunction with pneumatic tubes in pneumatic despatch systems; and the objects of my improvement are, first, the provision of a construction having a content-receptacle pivoted between its ends on an axis transverse to the longitudinal axis of the carrier; second, to afford a carrier which it is impossible to put into service until after it is closed, and which will remain closed while in transit; third, to employ the inner surface-ends of the cushion ends of the carrier as closure means for the adjacent open ends of the content-receptacle; and, fourth, to provide an improved device of the class comparatively inexpensive and capable of a long term of service in the hands of unskilled operators.

With the above and other objects in view, my invention consists in the novel features and in the novel arrangement of parts hereinafter fully described, illustrated in the accompanying drawings forming a part of this specification, and particularly pointed out in claims hereunto appended.

It will be understood that changes, variations and modifications in the details of the invention within the scope of the claims, may be resorted to without departing from the spirit or sacrificing any of the advantages of my invention.

Figure 1 is a plan view of my assembled invention showing in dotted line a portion of the content-receptacle swung out of normal position; Fig. 2 is a section on line 2—2 of Fig. 1 with a portion of the content-receptacle in elevation; Fig. 3 is a cross section on line 3—3 of Fig. 2; Fig. 4 is a cross section with a portion of the content-receptacle in elevation; Fig. 5 is a side elevation with parts broken away.

Similar reference numerals indicate similar parts throughout the several views.

One embodiment of my present invention is described as follows:

The end portions or cushions 1 are fixed to the two-part frame 2, 2, having shield-
portions 3, 3, by inwardly turned fingers 4,

with threaded bolts 5. The ends 1 preferably have recesses 6 closed by plugs 7. The content-receptacle 8 is open at both ends and is pivoted to the frame at 9, 9, preferably intermediate the ends 1, 1. The content-receptacle is pivoted between the ends of the frame on an axis transverse to the longitudinal axis of the carrier to swing both ends of the content-receptacle out of the plane of the carrier. At the ends the tube 8 is oppositely cut away at 10, 10, to avoid interference in closing and to facilitate the removal of the contents of the carrier.

In Figs. 2, 3 and 4 the frame is curved to conform to the contour line of the tube 8 and serves to keep the tube 8 in alinement with the frame when closed.

In Fig. 5 is disclosed a modified form of means to retain the tube in locked position with respect to the frame 2, 2.

In Figs. 3 and 4 the edges 11, 11, of the frame on each side of the tube 8, are shown in the position when the tube is in alinement with the frame and when the tube is swung out of locked or closed position. The curved portions of the frame being yieldable outwardly to permit the tube 8 to turn under the edges 11, 11, of the frame.

In Fig. 5 is shown points 12, 12, in the outer wall of the tube 8 and corresponding recesses 13, 13, in the frame 2, 2, to receive the respective points 12, 12, to provide an additional or modified form of lock. It will be noted that I employ the inner surfaces 14, 14, of the ends 1, 1, as closure means for the open ends of the content-receptacle 8: The ends being stationary and the open ends of the tube movable into and out of closed position with respect to the end surface 14, 14. Apparently my present carrier can be inserted with either end forward without thought or delay as to which is the proper end. At the end of the trip the contents may be withdrawn from either end of the tube 8. The carrier cannot be put into the pneumatic tube while open or partly open. The shield portions 10, 10, of the frame serve to strengthen the frame and to close the opening in tube 8 made by the cut-away portion 10.

In operation, pressure against either end of the tube 8 will cause it to swing on the pivots 9, 9, past the ends, when the message or contents may be inserted and the tube swung back into the plane of the frame 2, 2,

which must be done before the carrier can be started on its journey.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent is:

1. A carrier having a frame and a content-receptacle pivoted on an axis transverse to the longitudinal axis of the carrier to swing both ends of the content-receptacle out of the plane of the carrier.

2. In a carrier, a frame and a content-receptacle pivoted between the ends of the frame on an axis transverse to the longitudinal axis of the carrier, and a cushion fixed to each end of the frame.

3. In a carrier, a frame and a content-

receptacle normally open at both ends and pivoted to the frame between the ends thereof on an axis transverse to the longitudinal axis of the carrier, end cushions forming closure means for the open ends of the content-receptacle and means for retaining the content-receptacle in alinement with the frame.

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

ALLEN KELLER. [L. s.]

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."