

R. MEIER.
PNEUMATIC CARRIER.
APPLICATION FILED FEB. 12, 1912.

1,047,547.

Patented Dec. 17, 1912.

Fig. 1

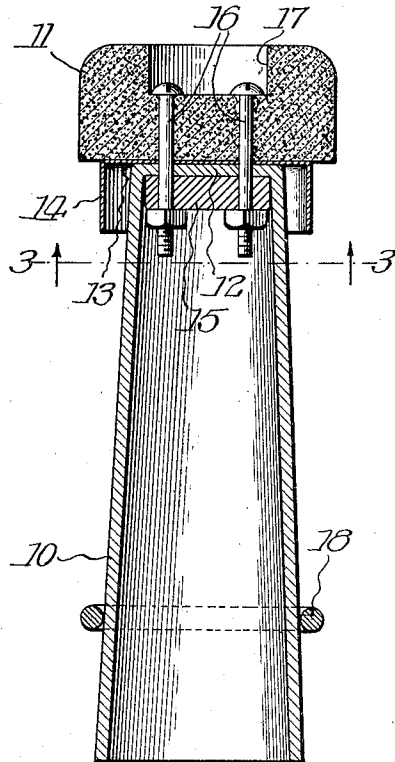


Fig. 2

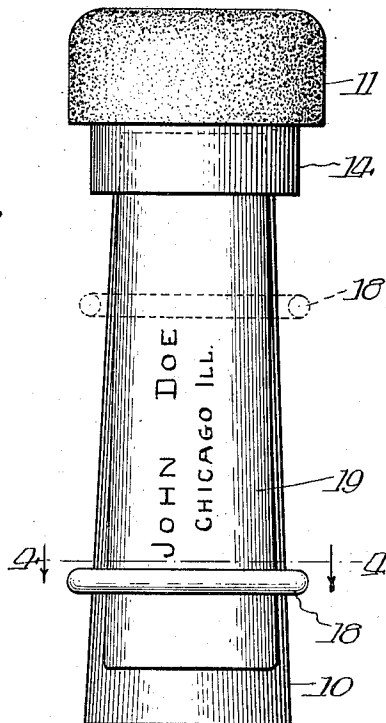


Fig. 3

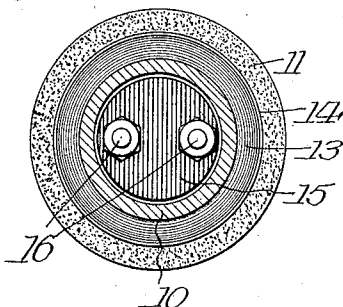
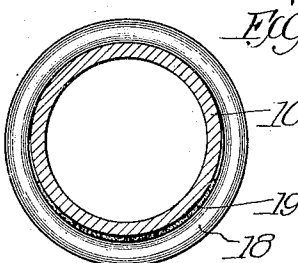


Fig. 4



Witnesses:
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UNITED STATES PATENT OFFICE.

REINHOLD MEIER, OF CHICAGO, ILLINOIS.

PNEUMATIC CARRIER.

1,047,547.

Specification of Letters Patent.

Patented Dec. 17, 1912.

Application filed February 12, 1912. Serial No. 676,989.

To all whom it may concern:

Be it known that I, REINHOLD MEIER, 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 Pneumatic Carriers, of which the following is a specification.

My invention relates to carriers, and refers particularly to pneumatic carriers adapted for use in despatch tubes of the well known type.

I am aware that pneumatic carriers are in common use, but all of them, to the best of my knowledge and belief, are constructed to carry a charge slip or the like in the interior of the carrier. By reason of this construction, when such a carrier is sent to a number of different departments it is necessary for the operators to open the carrier whenever the slip is to be examined, remove the slip, and replace it in the carrier after the examination has been made. It will be apparent that a considerable loss of time thus results, whereas at the same time the slip, by reason of its frequent handlings, is very apt to become torn or otherwise defaced.

It is the object of my invention to avoid all of the above-mentioned difficulties by constructing a carrier in such manner that the charge slip or the like is attached to the outside of the body of the carrier so that when the latter is sent to different departments it is unnecessary to handle the slip in order to make an examination of the same. I accomplish this result by the use of a fastener which secures the slip to the body of the carrier, one end of the slip preferably being inserted in a suitable cup located near the buffer head.

These and other advantages of my invention will be more readily understood by reference to the accompanying drawings, which show a preferred embodiment of my invention, and in which:

Figure 1 is a longitudinal section through the pneumatic carrier; Fig. 2 is a side elevation of the carrier, showing a charge slip secured in position; Fig. 3 is a transverse section on the line 3—3 of Fig. 1; and Fig. 4 is a transverse section on the line 4—4 of Fig. 2.

The carrier consists of a body 10, prefer-

ably constructed of leather or other similar material, although it may be made of metal without departing from the spirit of my invention.

As clearly shown in Figs. 1 and 2, the body 10 has a slight outward flare toward the rear of the carrier. At the forward end of the carrier is placed the buffer head 11, of the usual type and made of felt, rubber or other slightly resilient material. Located between the head 11 and the cross-member 12 of the body 10 is the metallic cup 13 having a rearwardly projecting flange 14. The weight 15 is preferably located just to the rear of the cross-member 12 of the body 10. The head 11, the cup 13, the body 10, and the weight 15 are securely held together by means of the bolts 16, which pass through these members, the heads of the bolts being preferably located in a recess 17 in the buffer head 11.

Encircling the body 11, which is preferably round in cross-section, is the retaining ring 18, of rubber, leather or other similar material. When it is desired to carry a charge slip on the carrier, the retaining ring 18 is moved to the position indicated in dotted lines in Fig. 2. The slip 19 is then inserted between the outside of the body 10 and the retaining ring 18, the end of the slip preferably passing inside of the flange 14 of the cup 13. The retaining ring 18 is then moved to the rear into the position indicated in full lines in Fig. 2, thus securely holding the slip 19. It will now be apparent that any writing on the slip 19 may be easily examined without moving the slip in any way.

It will be clear to those skilled in the art that many changes could be made in the detailed construction of the parts which I have described without departing from the spirit or scope of my invention.

What I claim is:

1. A pneumatic carrier having means for removably securing a flexible slip or the like to the exterior of the carrier, substantially as described.

2. A pneumatic carrier having a round body portion, and a ring for removably securing a slip or the like on the exterior of said body portion, substantially as described.

3. A pneumatic carrier having an out-

wardly flaring body, and a retaining ring encircling said body, said retaining ring adapted to removably secure a charge slip or the like to said body, substantially as described.

5 4. A pneumatic carrier comprising a buffer head, a body, a cup having a rearwardly projecting flange, and means for removably securing a charge slip or the like to the exterior of said body, said cup being adapted to receive the end of said slip, substantially as described.

10 5. A pneumatic carrier comprising a buffer head, a body, a cup having a rearwardly extending flange located outside of said body near its forward end, and retaining means for removably securing a charge slip or the like to the exterior of said body, the annular space between the flange of said cup and said body being adapted to receive

the end of said slip, substantially as described.

6. A pneumatic carrier comprising the combination of a buffer head, a body flaring outwardly toward its rear, a cup having a rearwardly extending flange outside of said body, a weight adjacent to said head, means for fastening together said head, said cup, said body and said weight, and a retaining ring inclosing said body, said ring adapted to removably secure to the exterior of said body a charge slip or the like the end of which has been inserted in the annular space between the flange of said cup and said body, substantially as described.

REINHOLD MEIER.

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."