W. D. SAPHAR.

MAIL RECEIVING APPARATUS.

APPLICATION FILED OCT. 26, 1909.

953,554. Patented Mar. 29, 1910.

2 SHEETS—SHEET 1.

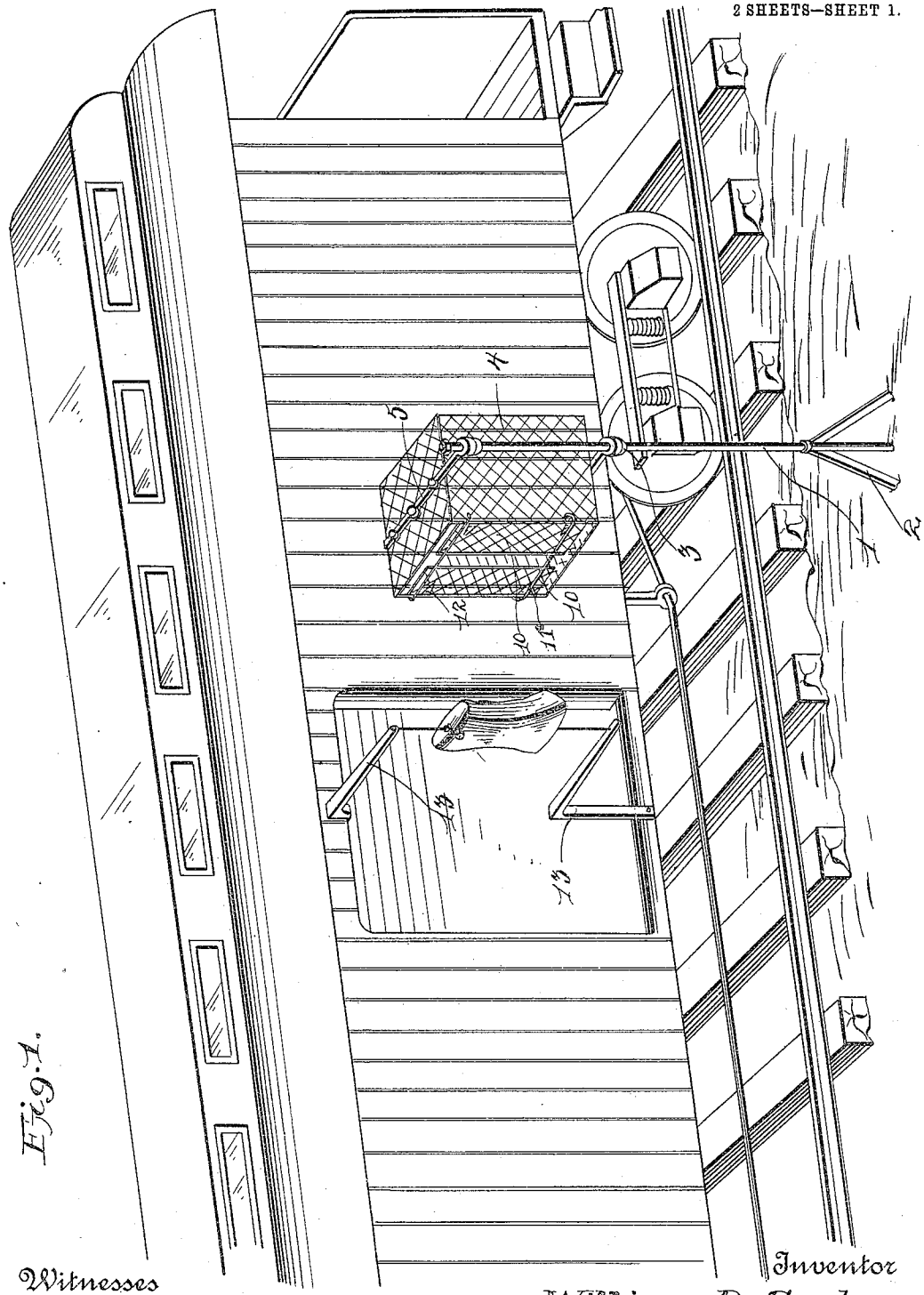


Fig. 1.

Witnesses

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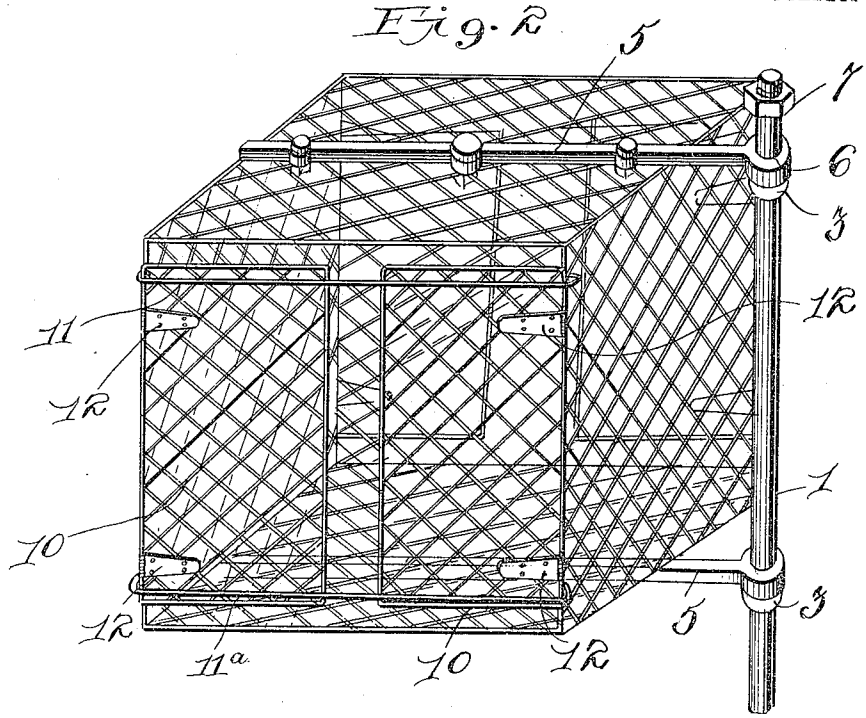
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2 SHEETS—SHEET 2.

Fig. 2.



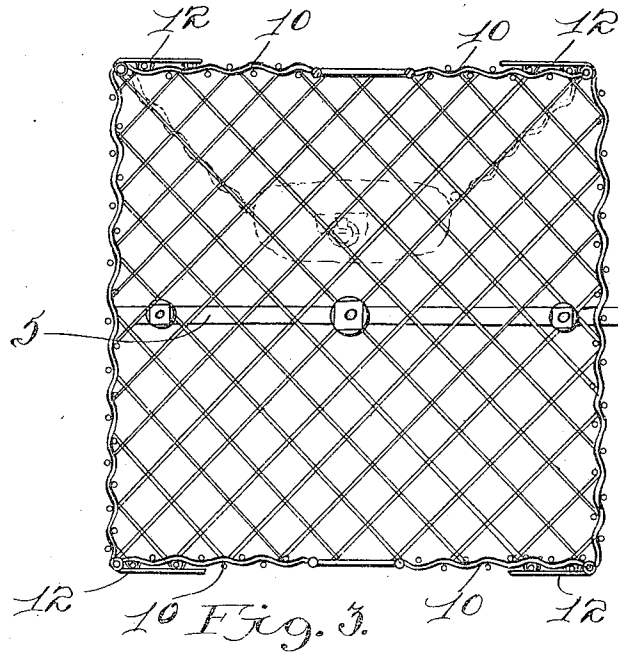


Fig. 3.

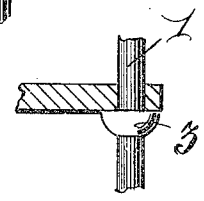


Fig. 4.

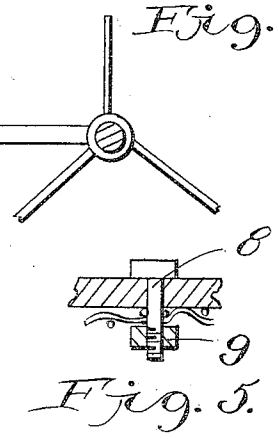


Fig. 5.

Witnesses

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UNITED STATES PATENT OFFICE.

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MAIL-RECEIVING APPARATUS.

953,554. Specification of Letters Patent. Patented Mar. 29, 1910.

Application filed October 26, 1909. Serial No. 524,607.

To all whom it may concern:

Be it known that I, WILLIAM D. SAPHAR, a citizen of the United States of America, residing at Iola, in the county of Allen and State of Kansas, have invented certain new and useful Improvements in Mail-Receiving Apparatus, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to mail receiving apparatus and has for its object the production of a mail bag receiver which is simple in construction and consists of a comparatively small number of parts.

Another object of this invention is the production of a mail receiving device which, after the mail bag has been delivered thereto will prevent the accidental removal of the same from the receiving device.

With these and other objects in view this invention consists of certain novel constructions, combinations and arrangements of parts as will be hereinafter fully described and claimed.

In the drawings: Figure 1 is a perspective view of the receiving device shown in connection with a car. Fig. 2 is a perspective view of the mail receiving basket or cage. Fig. 3 is a transverse section of the same. Fig. 4 is a fragmentary view of the mail receiving support showing the connection of one of the arms adapted to support a mail receiving basket or receptacle. Fig. 5 is a fragmentary sectional view of the connection between the mail receiving basket and the arms adapted to support the same.

Referring to the drawings by numerals: (1) designates a support which is braced by means of laterally extending bars (2). The support (1) is provided near the upper end thereof with a plurality of integral collars (3).

The mail receiving basket or receptacle (4) is supported upon the standard (1) by means of arms (5) and the arms (5) are provided with enlarged apertured ends (6) which fit over or engage the standard (1) and thereby rotatably mount the basket (4) upon the standard (1). It will be obvious that the collars (3) will prevent any downward movement of the arms (5) upon the standard (1). A nut (7) is threaded on the upper end of the standard (1) and it will therefore be obvious that the arms (5) will be held against longitudinal displacement from the standard (1).

Two arms are preferably employed to maintain or support the basket (4) and the basket is interposed between said arms. The basket (4) is preferably constructed of a wire framework and is secured to the arms by means of bolts (8) which pass through the arms (5) and are clamped to the wire framework by means of nuts (9) threaded upon the threaded end thereof.

Upon two sides of the basket (4) are positioned hinged doors (10). Rods (11) are secured to the frame and pass across the open ends near the top thereof. The doors are hinged to the sides of the basket by means of spring hinges (12) and said doors normally engage the rods (11) and are held against any outward movement. The rods (11) are adapted to straddle the doors (10), as clearly shown in Fig. 2.

It will be obvious that when the mail bag as shown in Fig. 1 is thrown or brought in engagement with the doors (10) that the same will be swung inwardly and will allow the bag to be positioned within the cage or basket (4). The force with which the bag is thrown within the basket (4) will, of course, rotate the same upon the standard (1), and the basket will be allowed to swing upon said standard until the same comes to rest. When the bag is thrown within the basket (4) the doors will immediately return to their normal position that is, in engagement with the rod (11). While the bag is being thrown within the basket (4) the doors will assume the position as clearly shown by the dotted lines in Fig. 3 of the drawings. As the bag enters it will engage the doors on the opposite side of the cage but in view of the fact that the doors will be in engagement with the rod upon the same side of the cage the same will be prevented from any outward movement and will thereby retain the bag within the basket.

Of course the bag can be supported from the car door or vehicle in any suitable manner, but in the present instance I have shown a pair or arms (13). These arms are secured to the door of the car and project outwardly therefrom so as to support the mail bag which is adapted to be detachably secured thereto in the front or in the path

of the receiving receptacle. A rod 11ª is carried by the cage 4 upon each of the open sides thereof near the bottom of the doors 10 and prevents the doors from bulging outwardly at the bottom thereof.

What I claim as my invention is:

1. In a mail bag receiving cage the combination with a standard, of a basket rotatably mounted upon said standard, said basket provided with open ends, doors adapted to normally close said open ends, said doors secured to said frame by means of spring hinges, means carried by the frame and adapted to be engaged by the doors for limiting the outward swing of said doors, and said spring hinges adapted to normally exert an outward pressure upon said doors.

2. A mail receiving basket of the class described provided with open ends, rods passing across said open ends, doors hinged to the side of said basket and normally engaging said rods and means coöperating with said doors for normally holding the same in engagement with said rods.

3. In a device of the class described the combination with a standard, arms rotatably mounted upon said standard, a basket interposed between said arms, said basket preferably formed of a wire frame work, bolts passing through said arms and engaging said framework and adapted to be held thereon by means of nuts threaded upon the lower ends thereof.

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

WILLIAM D. SAPHAR.

Witnesses:
J. D. SICKLY,
LENA CULBERTSON.