(No Model.)

G. LANE.

HOD.

No. 587,316. Patented Aug. 3, 1897.

FIG. 1.

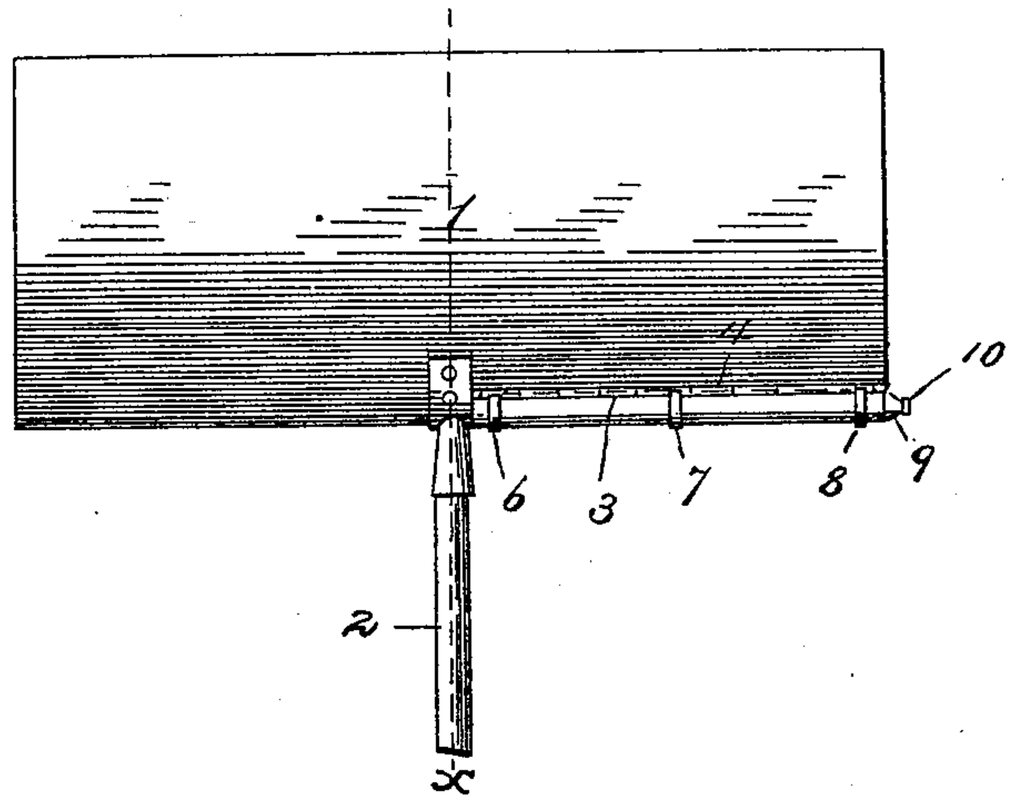


FIG. 2.

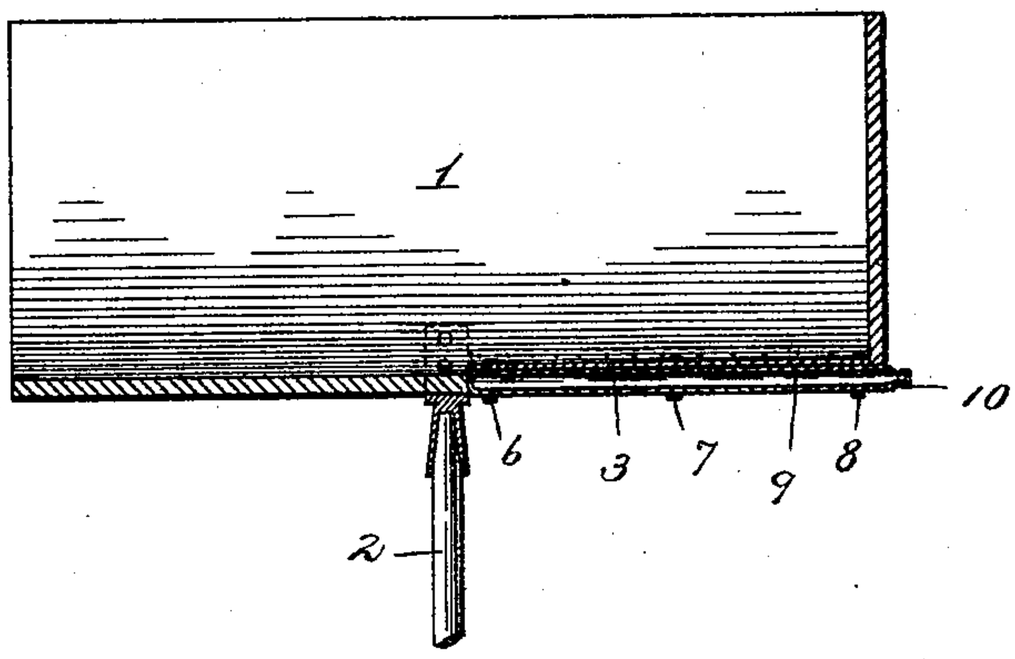


FIG. 3.

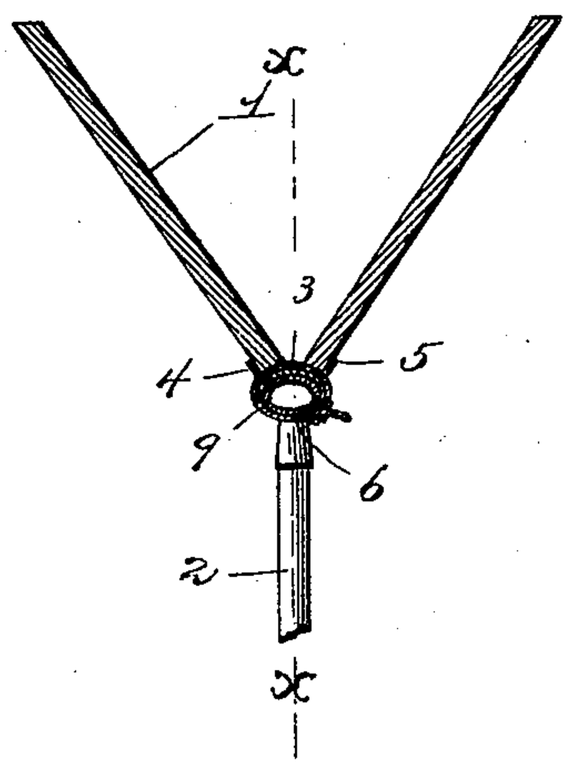
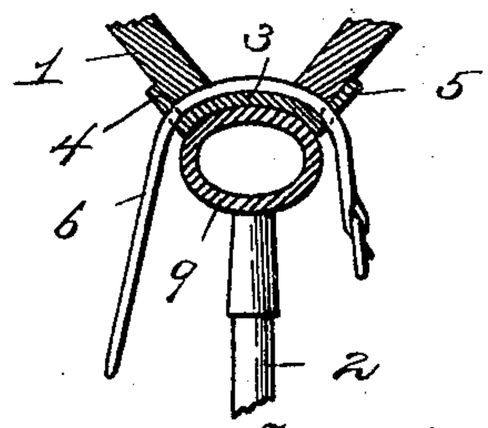


FIG. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE LANE, OF HAVERFORD, PENNSYLVANIA.

HOD.

SPECIFICATION forming part of Letters Patent No. 587,316, dated August 3, 1897.

Application filed July 25, 1896. Serial No. 600,563. (No model.)

To all whom it may concern:

Be it known that I, GEORGE LANE, a subject of the Queen of Great Britain, residing at Haverford, in the county of Montgomery and State of Pennsylvania, have invented certain new and useful Improvements in Hods; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to hods used for carrying brick, mortar, &c.

Hods of this class are carried on the shoulder of the hod-carrier, and owing to the fact that the carrying part of the hod is generally made in V shape the shoulder soon becomes chafed and sore unless padding is connected to the hod, which has heretofore generally been done by hod-carriers.

My object is to obviate the difficulties mentioned, and this is accomplished by the provision of a novel form of pneumatic cushion which can be connected to or removed from the hod easily and quickly and when in position cushions the weight of the material being carried, so that all chafing and rubbing of the shoulder of the hod-carrier is obviated in a highly superior manner.

More specifically described, my invention consists, in combination with a peculiar form of trough connected to the hod and provided with straps, of an elongated pneumatic tube held in the trough by means of the straps and which is in such position that it rests on the shoulder of the hod-carrier when the hod is in use.

In the accompanying drawings, Figure 1 is a side elevation of a hod equipped with my improved cushion; Fig. 2, a longitudinal section taken on line *x x* of Fig. 3; Fig. 3, a cross-section taken on line *x x* of Fig. 1; and Fig. 4, a like view as the preceding figure, but showing the strap unbuckled.

The numeral 1 designates an ordinary V-shaped hod, which is provided with a handle 2, as usual. The rear and lower portion of the hod or that part which rests on the shoulder is cut away.

The numeral 3 designates an elongated metal trough which is substantially semicircular in cross-section and fits within the opening of the hod, being provided with two flanges 4 and 5, which are suitably nailed or fastened to the sides of the hod.

At 6, 7, and 8 are shown three straps which are provided with buckles at one end, and these are connected to the upper portion of the trough and pass down through slits in the flanges thereof. As many of these straps can be employed as found desirable, and they may be of any preferred length.

My improved pneumatic cushion is shown at 9, and this is in the shape of an elongated tube of suitable size to fit within the concavity of the trough, and it is provided with a nipple 10 of any preferred construction, so that it can be easily inflated or deflated. After the cushion has been placed in the trough with its nipple extending rearwardly the straps are passed around the cushion and buckled, so that the cushion is properly held in position.

When in use, the cushion rests directly on the shoulder of the hod-carrier and absorbs all jar occasioned by movement of the latter, as well as relieving the direct pressure occasioned by the hod and the material carried thereby.

It is obvious that many slight and immaterial changes of construction might be resorted to in carrying out my invention, and hence I am to be understood as claiming all variations that come within the spirit and scope of my invention.

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

1. The combination with a hod, of a trough secured thereto, straps connected to the trough, and a pneumatic cushion located in said trough and around which the straps pass.

2. The combination with a hod, of an elongated concaved trough received in the lower edge of the hod and provided with flanges which are fastened to the latter, a pneumatic tube constituting a cushion which is received in the trough, and means for holding said tube in the latter.

3. The combination with a hod which is cut

away along its lower portion, of an elongated concaved trough provided with flanges which are fastened to the sides of the hod, straps connected to the trough, and an elongated pneumatic tube or cushion received in the trough and held therein by the straps which pass around the tube.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

GEORGE LANE.

Witnesses:
ANGIE L. MILLER,
A. EMILY MILLER.