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L. W. BOSLEY

1,507,229

STAKE POCKET FOR VEHICLES

Filed March 22, 1922

Fig. 1.

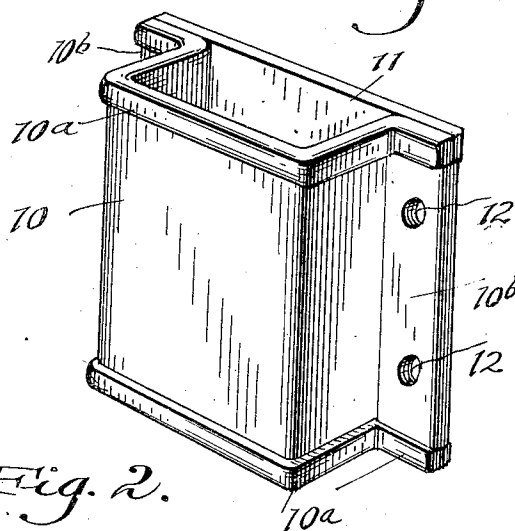


Fig. 5.

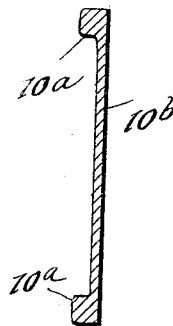


Fig. 2.

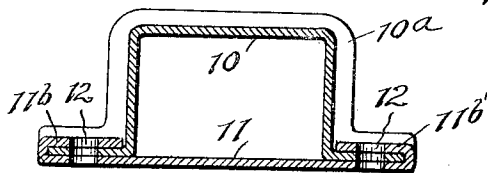


Fig. 3.

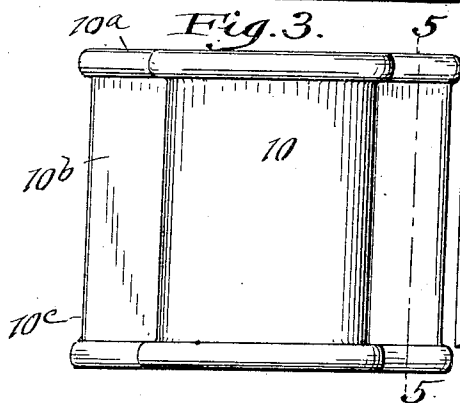


Fig. 6.

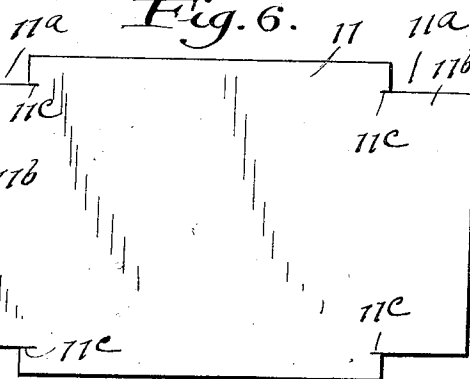
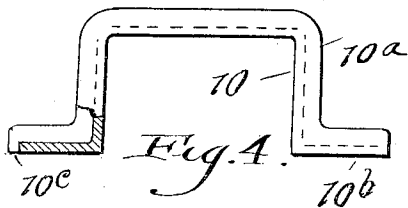


Fig. 4.



Inventor
Lewis W. Bosley
By
Thurston Kinn & Hudson
attys

UNITED STATES PATENT OFFICE.

LEWIS W. BOSLEY, OF EAST CLEVELAND, OHIO, ASSIGNOR TO THE CLEVELAND HARDWARE COMPANY, OF CLEVELAND, OHIO, A CORPORATION OF OHIO.

STAKE POCKET FOR VEHICLES.

Application filed March 22, 1922. Serial No. 545,745.

To all whom it may concern:

Be it known that I, LEWIS W. BOSLEY, a citizen of the United States, residing at East Cleveland, in the county of Cuyahoga and State of Ohio, have invented a certain new and useful Improvement in Stake Pockets for Vehicles, of which the following is a full, clear, and exact description.

This invention relates to stake pockets which are adapted to be secured to truck and other vehicle bodies or platforms to receive the lower ends of body stakes.

The principal object of the invention is to provide a stake pocket formed wholly of wrought iron, or more properly, rolled iron or steel instead of cast metal, which is more susceptible to cracking and breakage.

The present invention relates particularly to a so-called closed stake pocket composed of a U-shaped body member and a backing plate which are fastened together with overlapping portions through which are adapted to be passed the bolts which secure the pocket to the vehicle body or platform.

The invention may be briefly summarized as consisting in certain novel details of construction, and combinations and arrangements of parts which will be described in the specification and pointed out in the appended claims.

In the accompanying sheet of drawings, Fig. 1 is a perspective view of a stake pocket formed in accordance with the preferred embodiment of the invention; Fig. 2 is a transverse sectional view, the section being taken transversely of the pocket; Fig. 3 is a face view of the body member of the pocket; Fig. 4 is an end view of the same; Fig. 5 is a sectional view substantially along the line 5-5 of Fig. 3; and Fig. 6 is a face view of the blank from which the backing plate is formed.

The stake pocket constituting the subject matter of the present invention is composed of two members 10 and 11, the former constituting the body portion and the latter the backing plate.

The body member 10 is formed from a section of specially rolled iron or steel which is provided in the rolling process along both margins with upstanding beads 10^a. This strip may be rolled in indeterminate length the width of the strip corresponding to the height of the pocket to be formed, and the

strip is cut into sections of a length sufficient to form the body portion of the pocket.

Either at the time that the rolled strip is cut into sections, or subsequently, the section is given the desired shape to adapt it for this purpose, that is to say, it is bent into U-shape with laterally projecting wings or flanges 10^b which lie in the same plane, the stock being bent so that the beads are on the outside of the body member. Preferably in forming the body member 10 the relatively thin stock between the beads is cut back somewhat from the ends of the wings or flanges, as shown at 10^c.

The backing plate 11 is cut from a sheet or strip of rolled metal, this plate when united to the body member extending across the back thereof, and having portions which lie against the flat faces of the wings or flanges 10^b and are secured thereto. This backing plate may be secured to the wings or flanges 10^b in different ways. One way that I have tried very effectively is to spot weld the backing plate to the flat faces of the wings or flanges 10^b, in which event the ends of the backing plate are flush with the free ends of the flanges.

I prefer, however, to make the backing plate somewhat longer than required by the spot welding fastening process, and to secure the backing plate to the body member 10 by folding the end portions of the backing plate around and over the outer faces of the flanges 10^b and this method and construction I have shown in the drawings.

To produce a body plate suitable for this purpose, the corners of the blank are notched out as shown at 11^a in Fig. 6, the depth of the notches crosswise considered, equaling the width of the beads 10^a. This leaves a pair of projecting tongues 11^b, whose width is equal substantially to the distance between the beads 10^a. Likewise the metal is cut back somewhat from the ends of the notches 10^a as shown at 11^c to permit the tongues 11^b to be folded back over the flanges 10^b.

Then when the blank has been formed as shown in Fig. 6, it is placed across the back of the body member 10 and with the metal either in a hot or cold state as may be found desirable, the tongues 11^b are folded back over the ends of the flanges 10^b between the beads and are caused to lie down flat against

the outer faces of the flanges. This securely fastens the backing plate to the body member, and at the same time it forms three thicknesses of metal through which are
5 punched the holes 12 to accommodate the bolts which secure the pocket to the body or platform of the vehicle.

Furthermore, a very smooth and finished job is formed, by reason of the fact that at
10 the ends of the flanges the relatively thin stock is notched out at 10° to a depth equal substantially to the thickness of the backing plate, so that the outer surface of the backing plate where it is bent around the
15 flanges is flush with the ends of the bead at the flanges. Additionally an exceedingly strong construction is provided which can stand a great deal of abuse without cracking or breakage.

20 Having described my invention, I claim:
1. A stake pocket comprising a substan-

tially U-shaped body having laterally projecting flanges with marginal beads formed along the top and bottom thereof, and a
backing plate lying against said flanges and
25 having portions folded over the flanges between the beads, and bolt holes formed through the overlapping portions of the flanges and backing plate.

2. A stake pocket comprising a substan-
30 tially U-shaped body member having marginal beads and provided with laterally extending flanges and a backing plate lying against the rear faces of the flanges and having portions folded around and lying against
35 the front faces of the flanges between the beads, and bolt holes formed through the backing plate including the bent portions thereof and through the flanges.

In testimony whereof, I hereunto affix my
40 signature.

LEWIS W. BOSLEY.