No. 622,819. Patented Apr. 11, 1899.

G. A. McLANE.

PACKING CASE.

(Application filed Jan. 11, 1899.)

(No Model.)

Fig. 1.

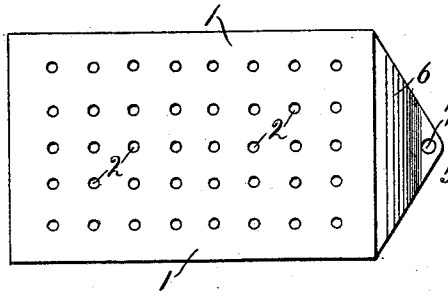


Fig. 2.

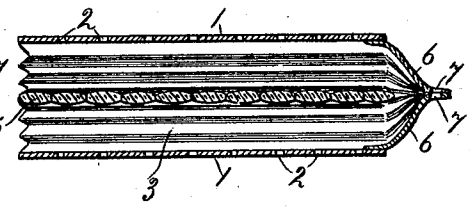


Fig. 3.

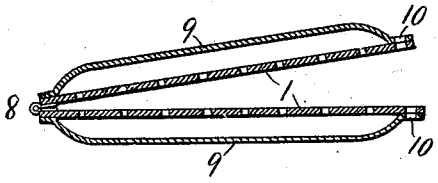
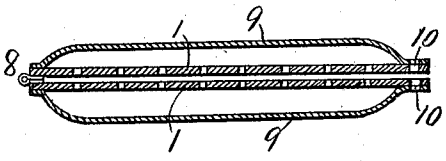


Fig. 4.



WITNESSES:

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UNITED STATES PATENT OFFICE.

GEORGE ALVAH McLANE, OF NEW YORK, N. Y.

PACKING-CASE.

SPECIFICATION forming part of Letters Patent No. 622,819, dated April 11, 1899.

Application filed January 11, 1899. Serial No. 701,807. (No model.)

To all whom it may concern:

Be it known that I, GEORGE ALVAH McLANE, a citizen of the United States, and a resident of New York, (Brooklyn,) county of Kings, and State of New York, have invented certain new and useful Improvements in Packing-Cases, of which the following is a specification, reference being had to the accompanying drawings, forming a part thereof, in which similar letters of reference indicate corresponding parts.

This invention relates to an improvement in packing-cases, the object being to provide a shipping device by means of which small castings or other fragile articles may be protected from injury during the rough handling they are often subjected to while in the hands of transportation companies.

The invention consists in the novel arrangement of the several parts, and will be hereinafter fully described and specifically set forth in the annexed claims.

In the accompanying drawings, Figure 1 is a plan view of the device. Fig. 2 is a central longitudinal sectional view of the same. Fig. 3 is a sectional view of a modification of the device partly open, and Fig. 4 is a sectional view of the same in closed position ready for tying.

In the practice of my invention I employ, preferably, a pair or plates 1 1, which may be of metal, wood, cardboard, or any other suitable material. These plates are provided with a series of perforations 2 2, through which twine or cord may be passed to secure the castings contained within the device to said plates. Obviously the plates may be of any desired shape, and the perforations may be arranged in any special way best adapted to secure thereto any line of castings. The plates are connected by flexible sides 3 so arranged in plaits that the plates may be extended from each other to accommodate the device to variable sizes of castings. The sides 3 may be made of burlap, leather, cloth, or any suitable substance possessing similar features.

A cushion 5 is interposed between the plates and fastened at the sides to the flexible walls 3. This cushion or pad is preferably located midway between the plates 1 1 when the device is extended to its fullest capacity.

An extended lip 6 is fastened in any preferred manner to one end of each of the plates and is formed of flexible material preferably of the same nature as that of the sides of the device. This lip may be rectangular in shape or triangular, as shown, and is provided with a hole 7 near its outer edge, by means of which both lips are, with the aid of a cord, fastened together, effectually closing the device.

In the modified form shown in Figs. 3 and 4 the plates 1 1 are connected at one end by means of the hinge 8, and the cushions 9 9 are secured upon the outer sides of the plates. Both the plates and the cushion are provided at the end opposite the hinge with one or more holes 10 10, adapted to register when the device is closed and by means of which it is kept in closed position.

In the operation of the device the castings or other fragile articles to be shipped are inserted between the pad or cushion and the perforated plate and tied to said plate in order to prevent displacement. When the device is full, it is closed and the open ends tied with a piece of cord. In the preferred form shown in Figs. 1 and 2 the whole thing may then be tied up with suitable cord, the pad or cushion preventing breakage of the castings, which cannot move around in the device on account of being fastened to the plates.

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

1. As a new article of manufacture, a packing-case embodying a perforated plate, forming one side of said case, a cushion or pad forming the opposite side of said case, and flexible side walls connecting said plate and said cushion, substantially as described.

2. As a new article of manufacture, a packing-case for small castings embodying perforated plates forming the sides of said case, cushions or pads also forming the sides of said case, and means for connecting said plates, substantially as described.

In testimony that I claim the foregoing as my invention I have signed my name, in presence of two witnesses, this 5th day of January, 1899.

GEORGE ALVAH McLANE.

Witnesses:

SYDNEY I. PRESCOTT,

C. P. COLTON.