Aug. 19, 1930. T. MUNROE 1,773,542

PACKAGE

Filed March 2, 1928

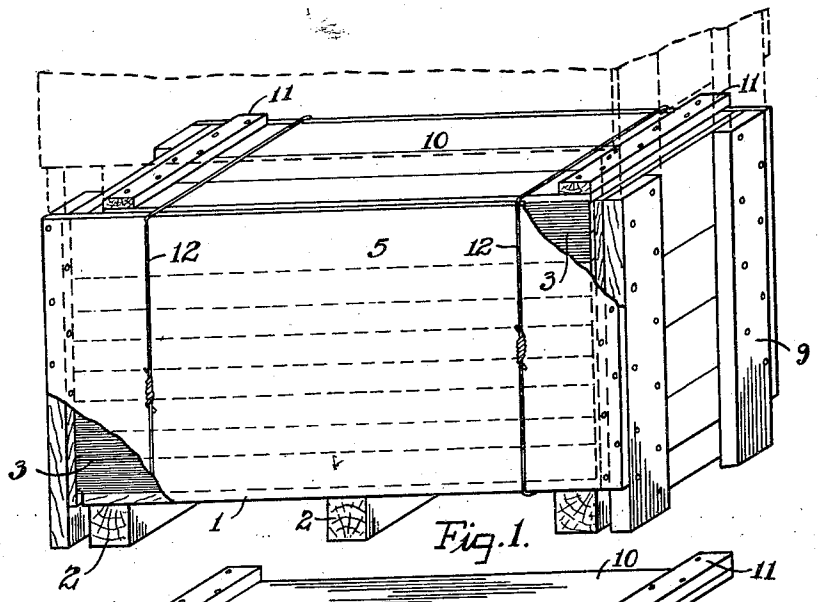


Fig. 1.

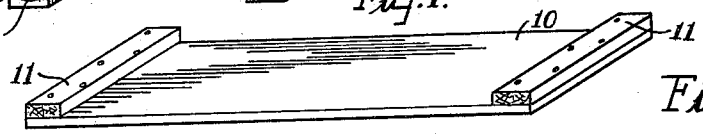


Fig. 2.

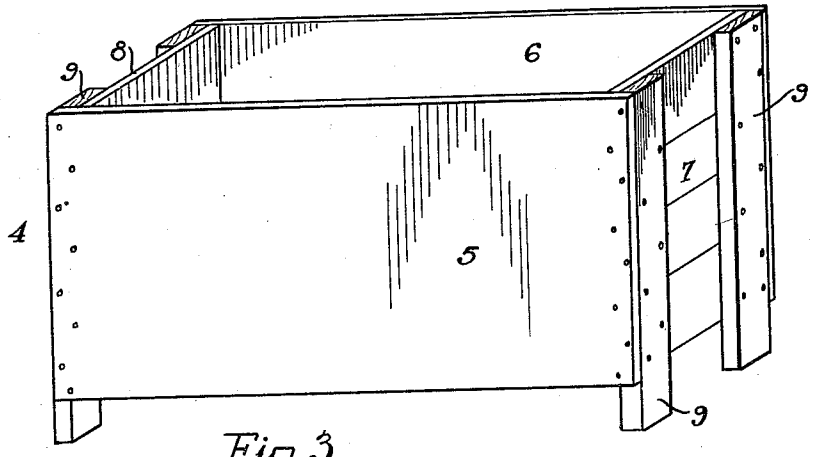


Fig. 3.

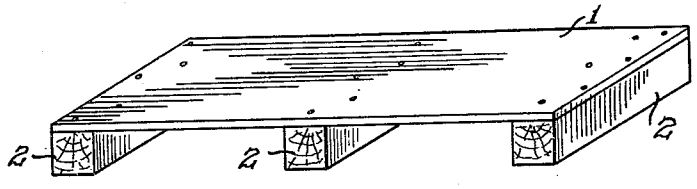


Fig. 4.

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BY
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Patented Aug. 19, 1930

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UNITED STATES PATENT OFFICE

THOMAS MUNROE, OF DAYTON, OHIO

PACKAGE

Application filed March 2, 1928. Serial No. 258,576.

This invention relates to new and useful improvements in packages.

It is one of the principal objects of my invention to provide a simple, strong and economically constructed package for containing bundles or multiples of sheets of tin plate.

Another object of the invention is to provide a package which lends itself readily to the assembling of bundles or base boxes within it, after which it may be easily loaded upon, or unloaded from, an automobile truck or railway car.

It is another object of my invention to provide packages of the above type that may be superimposed or stacked up without strain upon the enclosures and their contents. This result is achieved by providing corner posts or strips which project below the enclosing sides and ends to which they are nailed, and by providing a top which is not secured to the latter but which rests upon the pile of sheets supported by the platform that the posts straddle.

Other important and incidental objects will be brought out in the following specification and particularly set forth in the subjoined claims.

In the accompanying drawings illustrating my invention, Figure 1 is a perspective view of my package showing in dotted lines how another package is mounted upon it and being broken away to reveal its contents. Figure 2 is a perspective view of the top of the package. Figure 3 is a perspective view of its enclosing portion. And Figure 4 is a perspective view of the platform or base portion of the package.

Referring to the accompanying drawings for a detailed description of my invention, the numeral 1 designates the platform or base which is preferably constructed in rectangular form of wood and is provided with legs or strips 2 that are nailed to its bottom face to support it slightly above the floor.

Upon this platform 1 bundles or piles 3 of sheets are arranged in approximate vertical alinement, the length and width of the platform being slightly larger than that of the sheets to permit a small departure from this alinement.

Adapted to enclose the superimposed sheets 3 supported upon the platform 1, is an enclosing member 4. The latter is preferably rectangular in cross section and comprises sides 5 and 6 and ends 7 and 8.

At their ends the sides 5 and 6 are secured to corner strips or posts 9, and to the inner faces of the latter the ends 7 and 8 are secured. (See Figure 3).

The posts 9 project below the sides and ends to which they are connected, to rest upon the floor, or upon the tops of the posts of another package. The strain of supporting these superimposed enclosing members 4 is thus taken off of the contents of the packages.

The posts 9 are spaced a sufficient distance apart to easily fit over the platform 4 for independent support through the engagement of their projecting bottom ends with the floor. The bundles of sheets being of less width than the platform, the enclosing member 4 will also easily fit over them.

When the package is filled with the superimposed bundles of sheets, a top 10 is placed upon the pile. This top preferably comprises a rectangular piece of wood to the end portions of whose upper face there are secured strips 11, 11, to support additional units of packages. (See Figure 2).

After the package is assembled, as shown in Figure 1, tie wires or bands 12, 12 are passed under the platform 1 and over the enclosing member 4 and top 10, the free ends of each wire being twisted or otherwise secured together.

When the packages are completed, as above described, they may be stacked many feet high without being crushed, the corner posts 9 supporting the corner posts of the packages above, as shown in dotted lines in Figure 1, thus relieving their contents of the strain of sustaining the weight of the enclosing members 4. Nor must the top be secured to the sides and ends of the vertical enclosure.

If it is desired, for example at destination, to leave the enclosure around the unused

sheets to protect them from rusting, the top may be replaced upon them after it has been removed to permit a part of the sheets to be taken from the enclosure. My method of constructing the enclosure with a removable top thus permits it to act as a storage medium for the sheets.

By having the vertical enclosure open both at the top and the bottom, the unfilled units may be nested so as to occupy comparatively little space either in transportation or in storage.

Having described my invention, I claim:

1. A structure of the type described, comprising a platform base for supporting superimposed bundles or multiples of sheets, an enclosing member for said sheets, comprising sides and ends, corner strips to which the latter are secured, said strips projecting below said sides and ends for support independent of the platform-base and the sheets upon it.

2. A structure of the type described, comprising a platform base for supporting superimposed bundles or multiples of sheets, an enclosing member for said sheets, comprising sides and ends, and corner strips to which the latter are secured, said strips projecting below said sides and ends to fit over the base for support independent of it and the sheets.

3. A structure of the type described, comprising a platform base for supporting superimposed bundles or multiples of sheets, an enclosing member for said sheets, comprising sides and ends and corner posts to whose outer ends the sides are secured and to whose inner faces the ends are secured, said posts projecting below said sides and ends to fit over the base for support independent of it and the sheets.

4. A structure of the type described, comprising a platform base for supporting superimposed bundles or multiples of sheets, a rectangular enclosure for the latter adapted to be set over said base for support independent of it, and a floating top adapted to rest upon the sheets within the enclosure.

In witness whereof I have hereunto set my hand this 1st day of March, 1928.

THOMAS MUNROE.