Sept. 3, 1929. W. L. BLOWS 1,726,523

PACKAGING MATERIALS

Filed Aug. 2, 1926

Fig. 1.

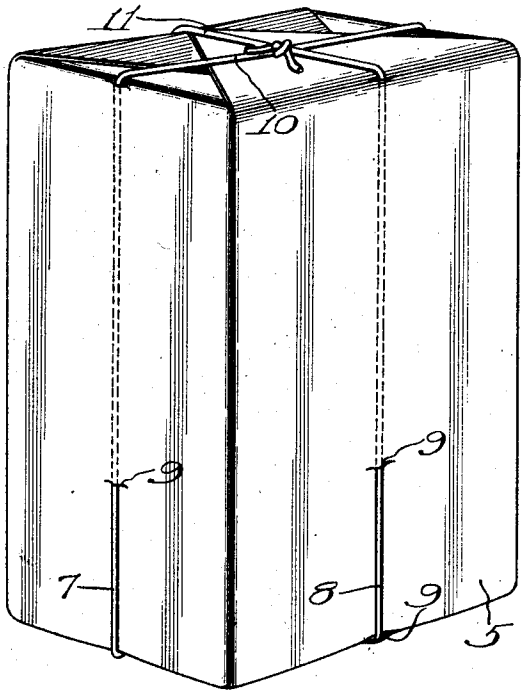


Fig. 4.

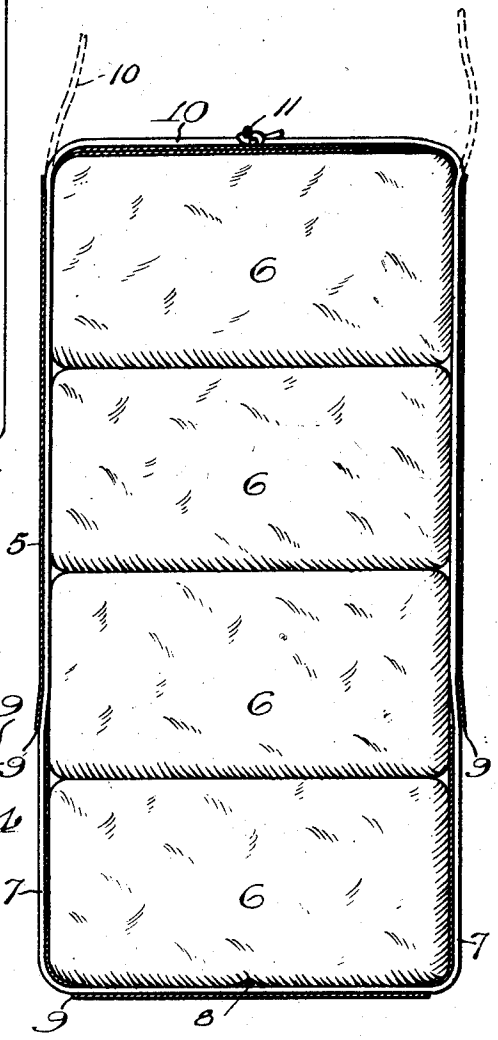


Fig. 2.

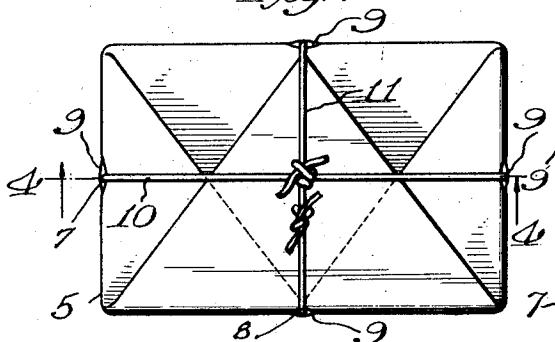
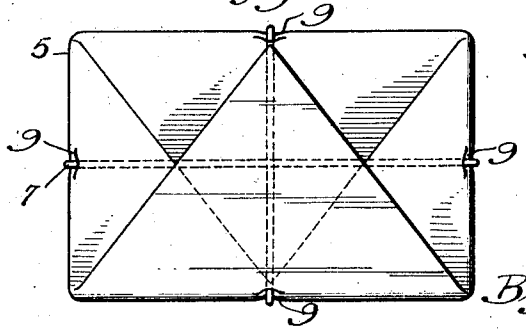


Fig. 3.



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Attty

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UNITED STATES PATENT OFFICE.

WILBUR L. BLOWS, OF WAUKEGAN, ILLINOIS, ASSIGNOR TO BLATCHFORD CALF MEAL COMPANY, OF WAUKEGAN, ILLINOIS.

PACKAGING MATERIALS.

Application filed August 2, 1926. Serial No. 126,666.

Materials of various kinds, such as animal feeds, are frequently sold in sacks or packages of different sizes or capacities, for instance, certain feeds or meals are for convenience sold in twenty-five, fifty, and one hundred pound sacks.

The present invention relates to means whereby a number of smaller sacks or packages may be conveniently packaged or held together for shipping or transportation purposes. I have found it desirable to fasten together, four twenty-five pound sacks so that they may be handled and kept track of the same as though they were one hundred pound sacks. While four of these sacks might be placed in a cloth bag or container, such bags are expensive and would add considerably to the cost of the goods. If paper bags are used, they are likely to become broken on account of the weight of the material, or if exposed to moisture, are likely to become unsealed or would easily fall apart.

In order to make a simple and economical packaging of this character, I provide a bag or container which may be made of any suitable flexible material but which is preferably made of paper and associate therewith fastening cords or twine which tend to hold the parts together and also serve as means for lifting the package.

The objects of this invention are to provide an improved package which is particularly adapted for holding sacks of grain or the like; to provide a bag formed of paper or other light inexpensive material with reinforcing cords for tying or fastening the package and also as a means for carrying the same; and to provide such other advantages and improvements as will be described in the following specification.

In the accompanying drawings illustrating this invention;

Figure 1 is a perspective view of the complete package;

Figure 2 is a top plan view;

Figure 3 is a bottom view; and

Figure 4 is a vertical sectional view.

The sack or bag 5, shown in these drawings, may be made of any suitable shape or material, but as an example is preferably made of paper and is adapted to hold four twenty-five pound sacks of grain or feed such as indicated in Figure 4.

In order to strengthen the bag 5 and to further assist in holding the sacks 6 together, I provide one or more reinforcing cords such as shown at 7 and 8. These cords are arranged transversely and may be held in any suitable manner, as by being passed in and out through slots 9 in the sides and bottom of the bag 5. The upper ends 10 and 11 of the respective cords 7 and 8 project upwardly a sufficient distance so that when the sacks 6 have been placed in the bag 5 and the top flaps of the bag folded down, such ends may be drawn together and all tied in one knot or each cord may be tied separately. These crossed cords at the top of the bag may serve as a handle for carrying or lifting a package, and in this manner the strain is largely taken off from the bag 5. Furthermore, even if the bag becomes wet and tends to separate or is broken, the sacks 6 will still be held together. On account of making the bag or package 5 of paper, it also provides a suitable surface for advertising matter, trade marks, directions or the like.

While I have shown the lower portions of the cords arranged inside of the bag 5 at the bottom thereof, they may of course be arranged to extend over the bottom to hold the bottom flaps in position if desired, and other changes or modifications may readily suggest themselves to adapt the bag or package for special conditions or for different goods, and therefore I do not wish to be limited to the exact arrangement herein shown and described, except as specified in the following claim, in which I claim:

A bag of the character set forth, formed of paper and having slits therein, a pair of cords arranged at right angles to each other and passing through said slits whereby portions of the cord will be within the bag and other portions thereof will be on the outside of the bag, the upper ends of the cords extending upwardly on the outside of the bag and being adapted to be tied across the top of the bag, said cords serving to reinforce the bag and also for holding the same closed.

WILBUR L. BLOWS.