Oct. 18, 1932. E. J. THOMPSON 1,883,108

PAPER BAG

Filed July 22, 1930

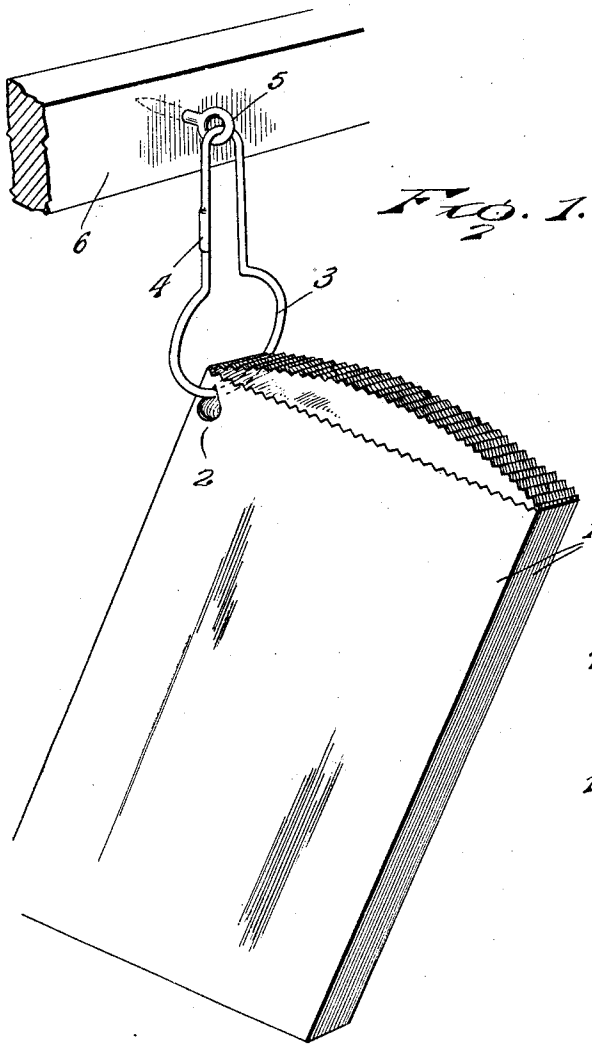


Fig. 1.

Fig. 2.

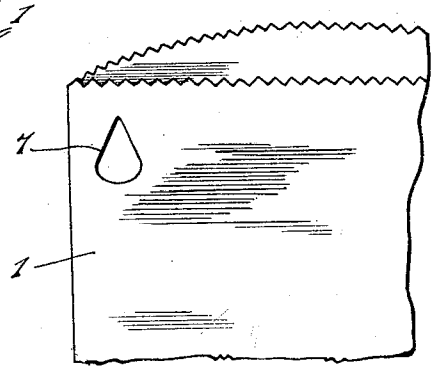
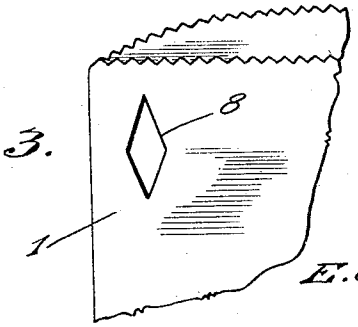


Fig. 3.



Inventor

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UNITED STATES PATENT OFFICE

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PAPER BAG

Application filed July 22, 1930. Serial No. 469,869.

This invention relates to paper bags of the type used in stores. At the present time paper bags are purchased in large quantities and many merchants suspend a number of bags from an overhead support where they may be easily reached when needed. In order to suspend the bags, an opening or passage is formed through a stack of bags by forcing a knife or sharp prong through the stack of bags. This is very difficult to do and it also often happens that a knife will slip and cut a person who is forming the opening to receive a fastener by which the bags are to be suspended from a nail or other overhead support. It also often happens that the opening or passage through the stack of bags will not be properly cut and in addition it very often happens that after a knife or other sharp implement has been passed through a stack of bags in order to allow a ring or other clip to be passed through the bags they will move out of the stacked position in which they were cut and thereby make it difficult to pass a suspending ring through the bags.

Therefore, one object of the invention is to provide a bag formed with an opening to receive a suspending ring, the openings in the bags being formed at the factory before the bags are distributed for sale and thereby allow a merchant to very easily pass a suspending ring through a stack of bags.

Another object of the invention is to so form an opening or passage through a stack of bags that when doing so portions of the bags will be bodily removed and thereby provide the stack of bags with a clear passage through which a suspending ring may be very easily passed.

Another object of the invention is to so cut the bags when forming the openings that the opening of each bag will taper toward its upper end, thereby allowing the bags to be very easily torn loose from a suspending ring.

The invention is illustrated in the accompanying drawing, wherein

Figure 1 is a perspective view showing a stack of bags formed with openings in accordance with this invention and suspended from an overhead support by a ring passed through the openings of the bags,

Fig. 2 is an enlarged fragmentary view of one bag showing an opening formed in an upper corner portion thereof, and

Fig. 3 is a view similar to Fig. 2 showing a modified form of opening.

The bags, which are indicated in general by the numeral 1, are of a conventional construction and formed of paper. The bags when made are stacked and either before or after they have been counted are cut by a suitable punch or similar machine, the cutting implement of which passes entirely through the stack of bags and bodily removes a portion of each bag. Therefore, each bag will be formed with an opening having clear cut edges and since the openings register a passage 2 will be formed through the stack of bags to receive a ring 3 by means of which a number of bags may be suspended from an overhead support. In the present illustration, the ring is formed with a break intermediate its ends, as shown at 4, so that the ring may be engaged through a screw eye 5 screwed into a supporting strip 6. The opening is formed through an upper corner portion of the stack of bags so that when the bags are suspended they will hang at the angle shown in Figure 1. This permits a bag to be easily grasped by its lower corner and torn loose from the ring 3. It should also be noted that since the openings are in the upper corner portions of the bags they are close to the edges and very little effort is necessary to tear a bag loose from the ring. The openings may be round, as shown in Figure 1, or they may taper upwardly, as shown at 7 in Figure 2, or be diamond shaped, as shown at 8 in Figure 3. It will be noted that in all these figures the opening is located in an upper corner portion of a bag. By this arrangement the ring passed through the registering openings of a stack of bags will cause the bags to be suspended at the angle shown in Figure 1 so that a bag may be easily grasped by its lower corner and when a bag is drawn downwardly the ring will very easily tear its way through the portion of the bag between the opening and the upper edge or side edge of the bag.

It will thus be seen that I have provided bags having registering openings already formed in them so that when the bags are received by a merchant, it will be very easy for him to pass a suspending ring through a large number of bags and have so located the openings that the ring may very easily tear its way through a bag when a bag is grasped and drawn downwardly.

Having thus described the invention, I claim:

A stack of paper bags each having a portion bodily removed therefrom to form the bags with registering openings, the said openings tapering toward their upper ends whereby the bags may be readily torn from a support extending through the openings.

In testimony whereof I affix my signature.

ELLIS J. THOMPSON. [L. S.].