

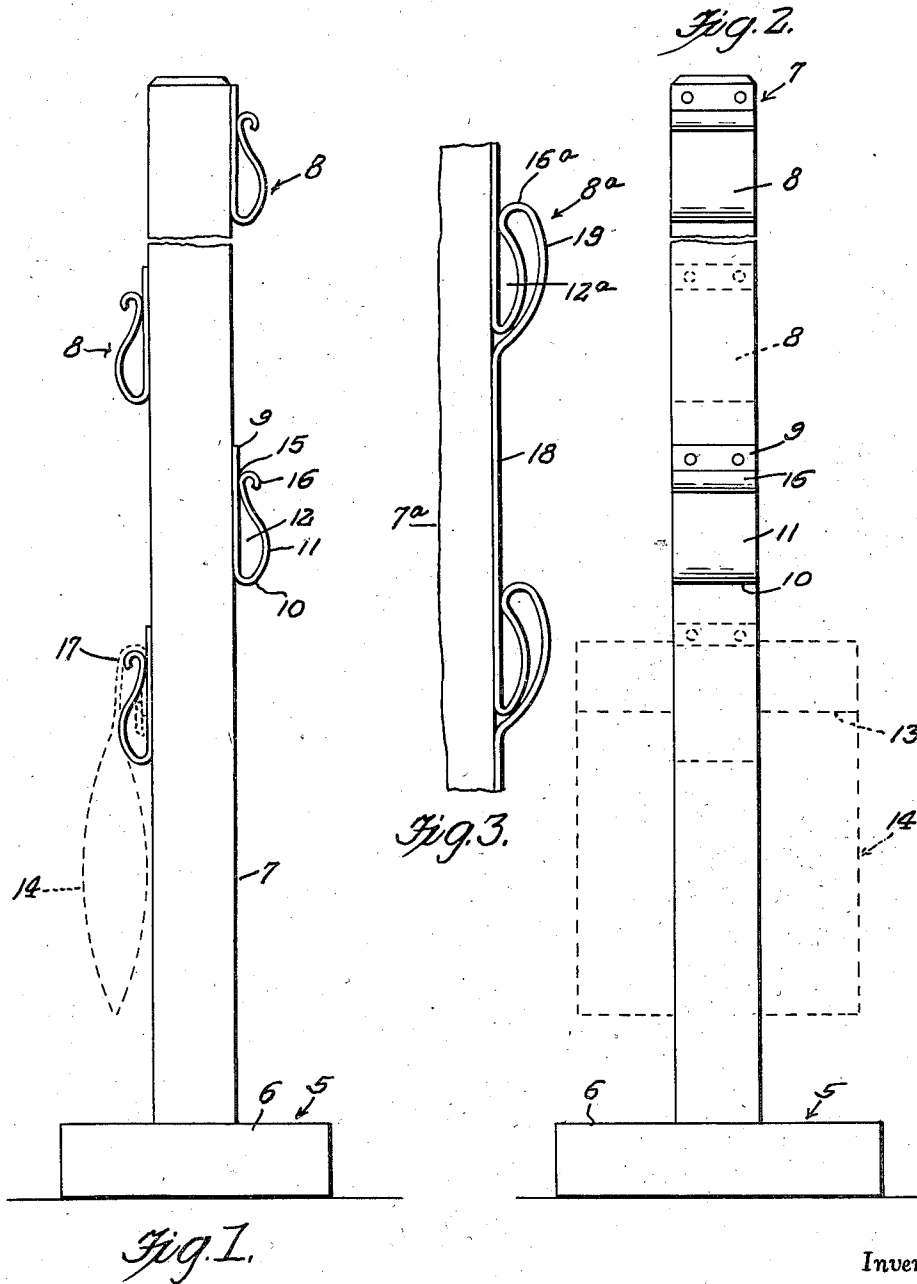
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C. E. DOOLIN

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BAG RACK

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Inventor

Charles E. Doolin,

By *Clarence A. O'Brien*  
Attorney

## UNITED STATES PATENT OFFICE

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## BAG RACK

Charles Elmer Doolin, San Antonio, Tex.

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## 1 Claim. (Cl. 24—259)

My invention relates generally to a rack for supporting paper bags and the like, and an important object of my invention is to provide a rack of this type especially adapted for supporting small bags or sacks of nuts and sweets so that the bags are securely held by the rack but are easily removable without tearing the bag or sack.

It is also an important object of my invention to provide a rack of the character indicated above wherein the bags or sacks are held in superposed overlapping relation so that the uppermost bag is the only one conveniently accessible, so as to procure orderly merchandising of the bags or sacks.

Another important object of my invention is to provide a simple and inexpensive yet ornamental rack of the character indicated in which the members immediately engaging and supporting the bags or sacks may be made in series from a single piece of metal.

Other objects and advantages of my invention will be apparent from a reading of the following description in connection with the drawing wherein for purposes of illustration I have shown preferred embodiments of my invention.

In the drawing:—

Figure 1 is a side elevational view of one embodiment employing separate clips for holding the paper bags or the like in the manner indicated.

Figure 2 is an elevational view taken at right angles to Figure 1.

Figure 3 is a side elevational view of a modified form of the invention in which the clips are formed in a series from a single piece of metal.

Referring in detail to the drawing, the numeral 5 generally designates the rack which comprises a suitable base 6 which has a standard 7 rising therefrom and on two opposite sides of which are arranged rows of individually vertically spaced clips 8.

Each clip is composed of a flat metal bar having the straight vertical portion 9 directly engaging the wall of the standard 7 and secured thereto by suitable means, the lower end of this portion 9 being bent outwardly and upwardly as indicated at 10 to provide a curved spring portion and which portion 10 is further bent outwardly and upwardly as indicated at 11 to provide the spacing 12 between the part 11 and the part 9 of the clip which receives the folded portion 13 of the paper bag or the like 14. The upper part of the part 11 is bent inwardly so as to touch the part 9 at the point indicated by the numeral

15. The upper end of the part 11 is curvedly bent outwardly and downwardly as indicated at 16 so as to form a curved rest for the neck portion 17 of the sack or bag. The curved portion 16 is so arranged to prevent tearing the bag when pulling the same from the position shown in Figure 1, and also to facilitate inserting the folded portion 13 of the bag into the position shown in Figure 1. The portion 16 also forms a strong frictional engagement and acts as the clamping surface in conjunction with the adjacent portion of the part 9 to firmly grip the neck portion of the bag above the downturned folded portion 13. When in place as shown in Figure 1 the folded portion 13 of the bag is located in the space 12 so that the portion 16 forms a positive stop for the portion 13 so that considerable pull must be exerted upon the bag to cause the folded portion to spread the part 16 away from the part 9 so as to release the bag or sack. The top of the curved portion 16 forms a rounded rest for the neck portion 17 of the bag and enables pulling the bag from the rack without tearing the bag.

The material of which the clips 8 are made is sufficiently springy to provide the desired functioning thereof, and to provide a clicking noise when the bag is withdrawn by the consequent hitting of the part 16 against the part 9, so as to warn the merchant of the removal of the sack.

The embodiment of the invention shown in Figure 3 has in common with the embodiment shown in Figures 1 and 2 all of the functional features described, and has in addition the arrangement of clips formed in series from a single strip of suitable metal, by first forming straight loops projecting at approximately right angles from the strip and then bending the projections into the form shown in Figure 3, whereby the clip generally designated by the numeral 8a are formed from the strip 18 at suitably vertically spaced intervals, the strip being suitably connected to the side of the standard 7a of the rack. In this embodiment the part 16a corresponds in function to the part 16 in the already described embodiment, and the space 12a is similarly functionally provided to receive the folded top of the bag or sack. In the presently described embodiments the portion 19 forms a longer and more gradually curved rest for the neck portion of the bag. The greater ease and economy with which the presently described embodiment may be formed and the convenience of making the same up into racks recommends the same under certain circumstances over the individual clip arrangement in the first described

embodiment. One advantage of the presently described form is the fact that a stronger spring action may be obtained by using a gauge of metal similar to that used in the first described embodiment, and a tension and holding power  
5 equal to that of the first described embodiment may be obtained in the second described embodiment by using lighter gauge or somewhat inferior, and hence cheaper, material.

10 Ordinarily the clips will be spaced in both embodiments at such intervals that the bags when attached thereto will depend in overlapping relation so that only the topmost sack or bag can be removed without handling others of the bags.  
15 This arrangement also permits supporting a maximum number of bags in easily merchantable manner. It will be noted that the presence of the curved rests hold the bags away from the standard so as to increase the accessibility  
20 of the bags and suspend them in more orderly condition.

Although I have shown and described herein preferred embodiments of my invention, it is to be definitely understood that I do not desire to

limit the application of the invention thereto, and any change or changes may be made in materials and in structure and arrangement of parts, within the spirit of the invention and the scope of the subjoined claim.

What is claimed is:—

A device of the character described, said device comprising a flat strip constituting a base, said strip being bent arcuately upwardly and inwardly and then arcuately downwardly on itself  
10 defining an arcuate-shaped clip including a pair of legs, the legs of said clip adjacent said base being brought close together and said legs adjacent the bight portion of said clip being relatively widely separated and merging into the  
15 respective ends of said bight portion, said bight portion being semi-circularly curved, the leg adjacent said base being outwardly bowed, the leg remote from said base being outwardly bowed, said legs being sufficiently bowed to cause a portion  
20 of said bight portion of said clip adjacent the base to normally engage said part of the base.

CHARLES ELMER DOOLIN.