Dec. 11, 1951 G. G. CANTER 2,578,504

BAG SEAL

Filed Nov. 17, 1950

FIG. 1

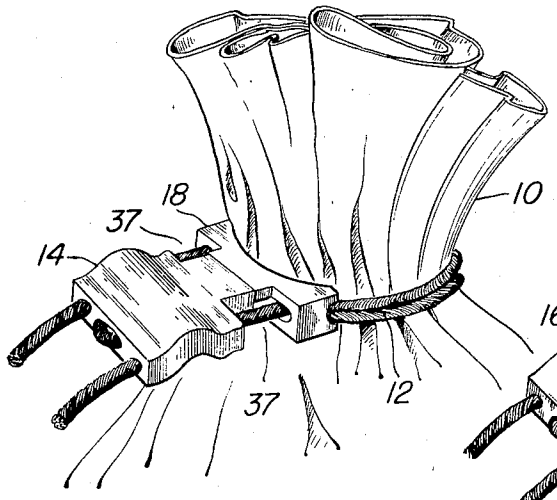


FIG. 5

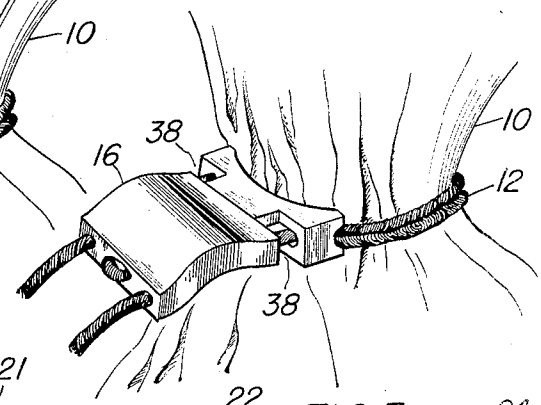


FIG. 2

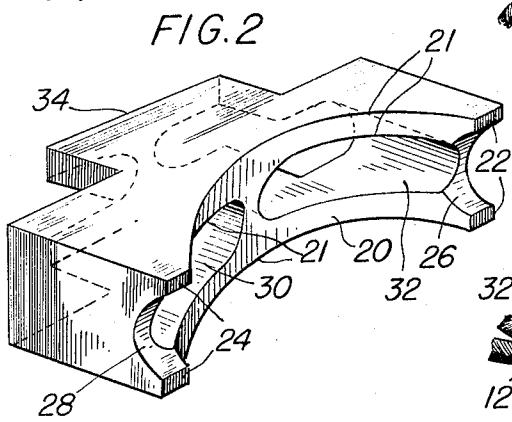


FIG. 3

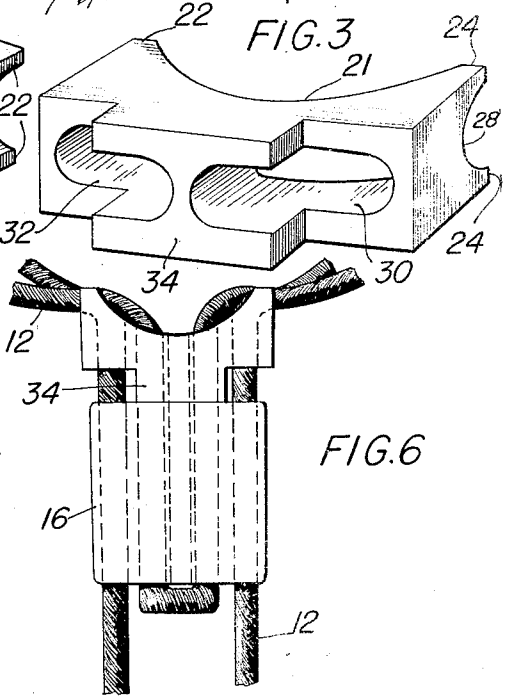


FIG. 4

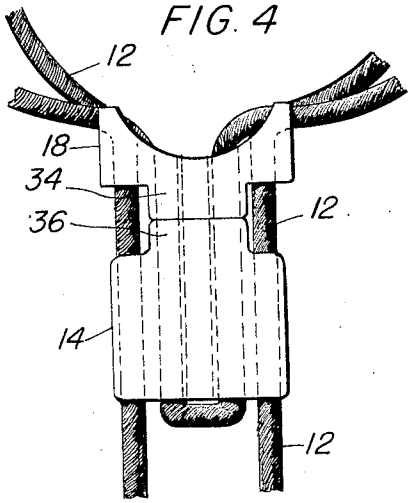


FIG. 6

INVENTOR.
George G. Canter
BY
Williams, Tack & Fuller
Attorneys

Patented Dec. 11, 1951 2,578,504

UNITED STATES PATENT OFFICE

2,578,504

BAG SEAL

George G. Canter, New York, N. Y.

Application November 17, 1950, Serial No. 196,321

2 Claims. (Cl. 292—308)

1

This invention relates to bag seals, and particularly to seals such as are used with bags in which money is transported.

The general object of the invention is to provide an improved bag seal applicable to the gathered neck-portion of a bag, which will securely prevent tampering with the contents of a bag without leaving evidence of such tampering by the mutilation of the bag or of the sealing means.

The invention will be understood from the following description of certain embodiments thereof, in which:

Fig. 1 is a perspective view of an embodiment of the invention which is shown applied to the gathered neck-portion of a bag;

Figs. 2 and 3 are perspective views of the bag-gripping block which is a part of the embodiment illustrated in Fig. 1;

Fig. 4 is a plan view of the sealing member and the bag-gripping block shown in Fig. 1, with the cord threaded therethrough;

Fig. 5 is a perspective view of a modified embodiment of the invention applied to the gathered neck-portion of a bag; and

Fig. 6 is a plan view of the sealing member and bag-gripping block shown in Fig. 5.

Like parts are referred to by the same reference characters in the various figures.

In Figs. 1 and 5, the gathered neck-portion of a bag is referred to by the reference character 10. This gathered neck-portion 10 of the bag is surrounded and held tightly in its gathered condition by a cord 12 arranged in a plurality of loops, preferably two, around said gathered neck-portion 10 and held in that condition by the novel sealing means which will now be described.

Said sealing means comprises the sealing member 14 of the form shown in Figs. 1 and 4, or the sealing member 16 of the form shown in Figs. 5 and 6, which is made of deformable material, such as lead, and is provided with a plurality of holes, preferably four, through which the cord 12 is threaded as will be obvious from the drawings. In both embodiments of the invention, there is provided a bag-gripping block 18 of hard molded material, such as die-cast metal or molded synthetic resin. As is apparent from the drawing, the bag-gripping block 18 is provided with a curved surface 20 having sharp edges 21 which are adapted to grip the gathered neck-portion 10 of the bag. Said block 18 is also provided, at each of the two ends of the curved surface 20, with a pair of lugs 22 and 24 which are also adapted to grip the neck-portion 10

2

of the bag. Said block 18 is provided between the pairs of lugs 22 and 24 with notches 26 and 28 which are adapted to receive the cord 12, as shown in Figs. 1, 4, 5 and 6. As best shown in Figs. 2 and 3, so that the cord does not hold the block away from the cloth of the bag, the bag-gripping block 18 is provided with two passages 30 and 32 extending through said block 18 from said curved surface 20, each passage accommodating two cords. The cord 12 is threaded through the passages 30 and 32 and through the holes in the sealing member 14 or 16, as shown in the drawing. The bag-gripping block 18 is also provided, on its side opposite to the curved surface 20, with a projecting portion 34, as best shown in Fig. 3. In the embodiment of the invention shown in Figs. 1 and 4, the sealing member 14 is also provided with a projecting portion 36 which is adapted to cooperate with the projecting portion 34 of the bag-gripping block 18. Thus, between the sealing member 14 and the block 18, spaces 37 are provided which expose the cord 12, thereby facilitating the cutting of the cord without danger of damaging the bag, when it is desired to remove the sealing means. In the form of the invention shown in Figs. 5 and 6, the sealing member 16 is not provided with a projecting portion; nevertheless, spaces 38 are provided adjacent the sealing member 16 by the projecting portion 34 of the bag-gripping block 18; and in these spaces 38 the cord 12 is exposed so that it may readily be cut when the sealing means is to be removed from the bag.

The sealing device is usually supplied by the manufacturer in assembled form, that is, with the cord 12 threaded through the holes in the sealing member 14 or 16, and through the passages 30 and 32 extending through the block 18, in a manner obvious from the drawing. In using the sealing device, the loops of the cord 12 are passed over and around the gathered neck 10 of a money bag. Then the loops of the cord 12 are tightened around the gathered neck of the bag, by drawing as much of the cord as possible through the holes in the sealing member 14 or 16 and the bag-gripping block 18, during which operation the sealing member 14 or 16 is forced against the block 18 and the latter is jammed into the gathered neck-portion 10 of the bag, thereby forcing the curved surface 20 and its sharp edges 21 and also the pairs of lugs 22 and 24 into gripping engagement with the gathered neck of the bag. After this operation has been accomplished, the sealing member 14 or 16 is deformed and crimped in known manner by a suit-

able crimping tool into a form such as those shown in Figs. 1 and 5, thereby causing the sealing member to grip tightly the cord 12 and thus prevent any loosening of the loops thereof which surround the gathered neck 10 of the bag. The bag is then sealed and no tampering with the contents thereof is possible without inflicting visible damage on the bag or on the sealing device. When the bag is to be opened, the sealing means may easily be removed by cutting the cord 12 where it is exposed in the spaces 37 shown in Fig. 1 or in the spaces 38 shown in Fig. 5, there being no possibility of accidentally cutting the bag.

It is, of course, to be understood that the sealing devices illustrated may be somewhat modified without departing from the scope of the invention as defined in the appended claims.

What is claimed is:

1. A sealing device for the gathered neck-portion of a bag comprising a cord adapted to be arranged in a plurality of loops around said gathered neck-portion, a sealing member of compressible material having therein holes through which said cord is threaded, and a bag-gripping block of hard molded material having a curved surface with sharp edges adapted to engage the gathered neck-portion of a bag, the two ends of said block on either side of said curved surface being provided with a pair of lugs adapted to grip said neck-portion and with a notch adapted to receive said cord located between said lugs, said block also being provided with a plurality of passages extending from said curved surface through which passages said cord is threaded, said bag-gripping block on its side opposite to said curved surface having a projecting portion adapted to engage said sealing member, thereby exposing said cord to facilitate cutting of it.

2. A sealing means according to claim 1 in which said sealing member is provided with a projecting portion adapted to engage the said projecting portion extending from said block, thereby exposing said cord to facilitate cutting of it.

GEORGE G. CANTER.

REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
2,163,660	Brooks	June 27, 1939