(No Model.)

F. DRIFFILL.

METALLIC TIE FOR SACKS.

No. 567,336. Patented Sept. 8, 1896.

Fig. 1.

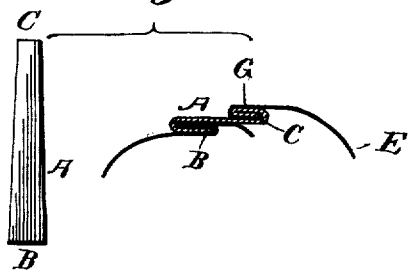


Fig. 2.

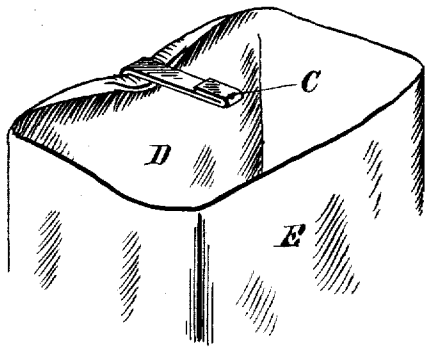


Fig. 3.

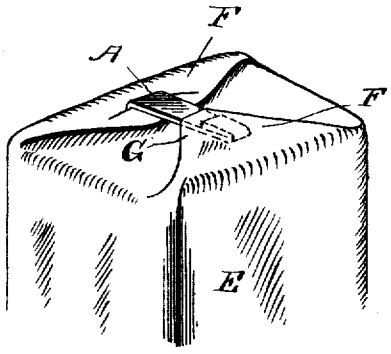
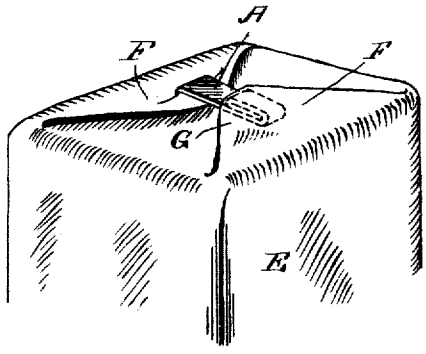


Fig. 4.



Witnesses:
Herbert Lewis
Max Ahl

Inventor:
Frederick Driffill.

By
John G. Manahan
his Atty.

UNITED STATES PATENT OFFICE.

FREDERICK DRIFFILL, OF SHAFTER, TEXAS.

METALLIC TIE FOR SACKS.

SPECIFICATION forming part of Letters Patent No. 567,336, dated September 8, 1896.

Application filed November 27, 1895. Serial No. 570,278. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK DRIFFILL, a citizen of the United States, residing at Shafter, in the county of Presidio and State of Texas, have invented certain new and useful Improvements in Metallic Ties for Sacks; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

My invention has reference to improvements in metallic ties for paper sacks; and it consists in a strip of metal of suitable firmness, and also proper flexibility, attached at one end and to one side of the mouth of the sack, and projected therefrom to the other side, and adapted to be folded back upon itself, carrying with it or between its folds the fold of the other portion of the mouth of the sack and closing the latter in a suitable manner.

My invention is also applicable to cloth sacks, but is preferable for use with paper ones, for the reason that the latter fold more readily on direct lines.

The purpose of my invention is to provide each sack with a metallic clamping-piece attached to one side of the mouth of the sack and in position to be clamped upon the residue of said mouth when properly folded; and said clamp or tie, being of a flexible character, can be repeatedly opened and fastened without destroying its utility.

I attain the above object by the construction shown in the accompanying drawings, in which—

Figure 1 is a detail view of the aforesaid metallic tie in both its open and folded positions. Fig. 2 shows the same in position upon one side of the sack with the end which is adapted for folding projected toward the other side of the open sack. Fig. 3 shows the device in the position for folding in with the mouth of the sack. Fig. 4 exhibits the mouth of the sack closed and held by being folded with the metallic tie.

Similar letters refer to similar parts throughout the several views.

A is the metallic tie referred to, which is preferably formed with a wide end B and a tapered opposite end C. To one side of the mouth D of the sack E the tie A is attached by having its broad end B suitably clamped down over the margin of the sack E. The sides F F of the mouth D of sack E are then folded inward, producing a tongue-like fold or formation G, within which the end C of the tie A is projected. The fold G, containing the tie A, as aforesaid, is then folded or creased down upon itself in two or more folds, as shown in Fig. 4, when the rigidity of the tie holds the parts in such folded position and the mouth of the sack securely closed.

In the aforesaid folding down of the tongue G, containing the tie A, the side folds F F are held between the extremities of the tie A, so that the tie, when thus folded, acts as a clamp to hold the four sides of the mouth D to a common center.

The tie A is preferably constructed of sheet tin, zinc, or similar metal, so as to have sufficient firmness to hold the parts when folded, as aforesaid, and also to have the requisite pliability to permit of its being readily folded and unfolded without breaking.

The ties are very simple and can be cut from waste material, or when cut in alternate directions, crosswise, from a strip of metal of a width equal to the desired length of the ties they can be made very rapidly and cheaply. After the tie A is once in place and attached at its base B to the margin of the mouth of the sack it is always in position for use.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

The combination with a sack, of a thin tapering flat metallic tie, the broad end of which is doubled upon itself and secured to one side of the mouth of the sack, and the opposite end is doubled upon itself in the opposite direction and run through and secured to the other side of the sack, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

FREDERICK DRIFFILL.

Witnesses:
H. B. YOUNG,
SPENCER GREGG.