58-378

No. 871,985. PATENTED NOV. 26, 1907.

J. D. COUGHLIN.
DEVICE FOR WRAPPING PACKAGES.
APPLICATION FILED JAN. 12, 1906.

Fig. 1.

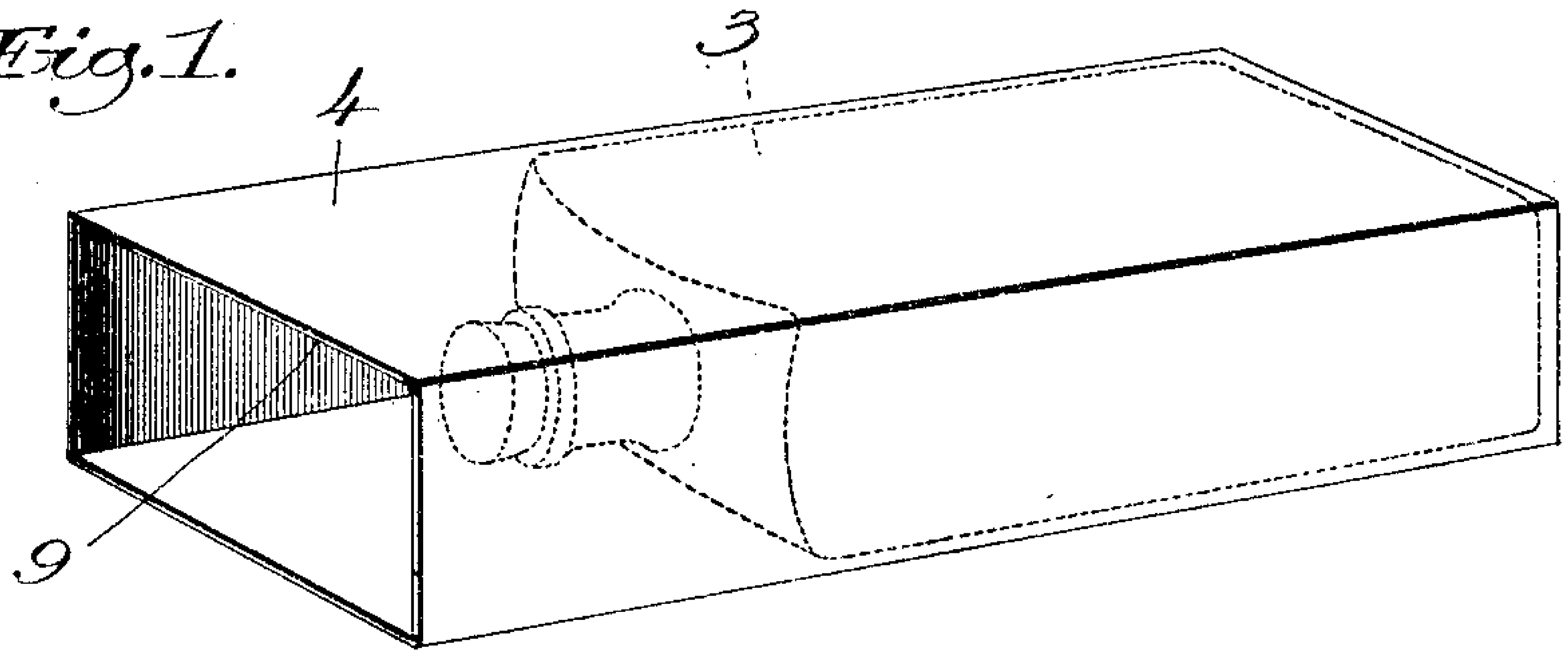


Fig. 2.

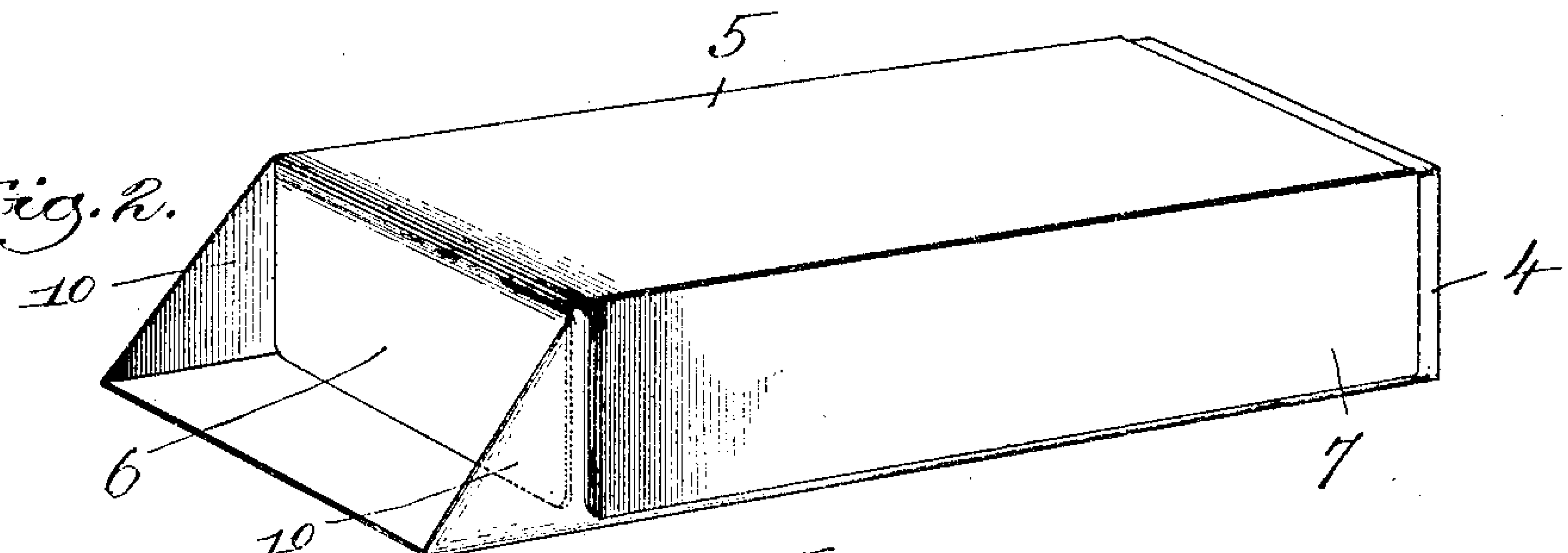


Fig. 3.

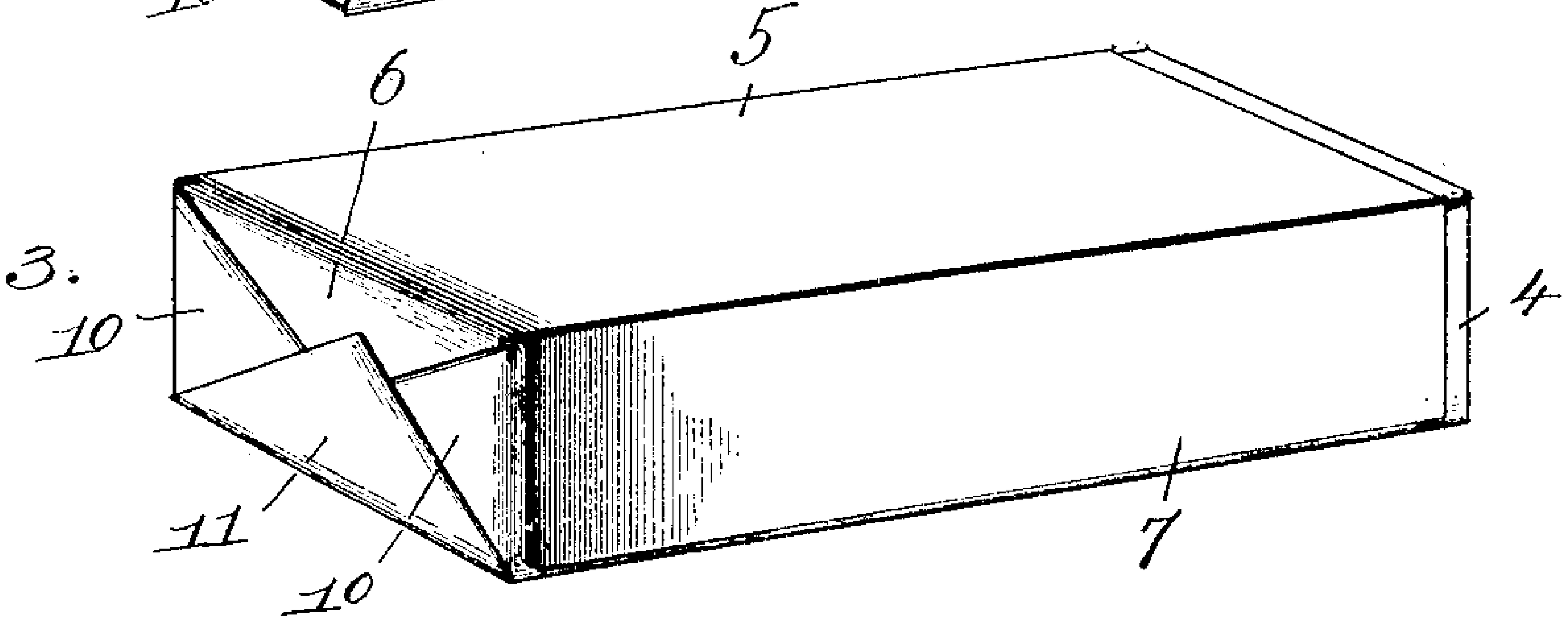


Fig. 4.

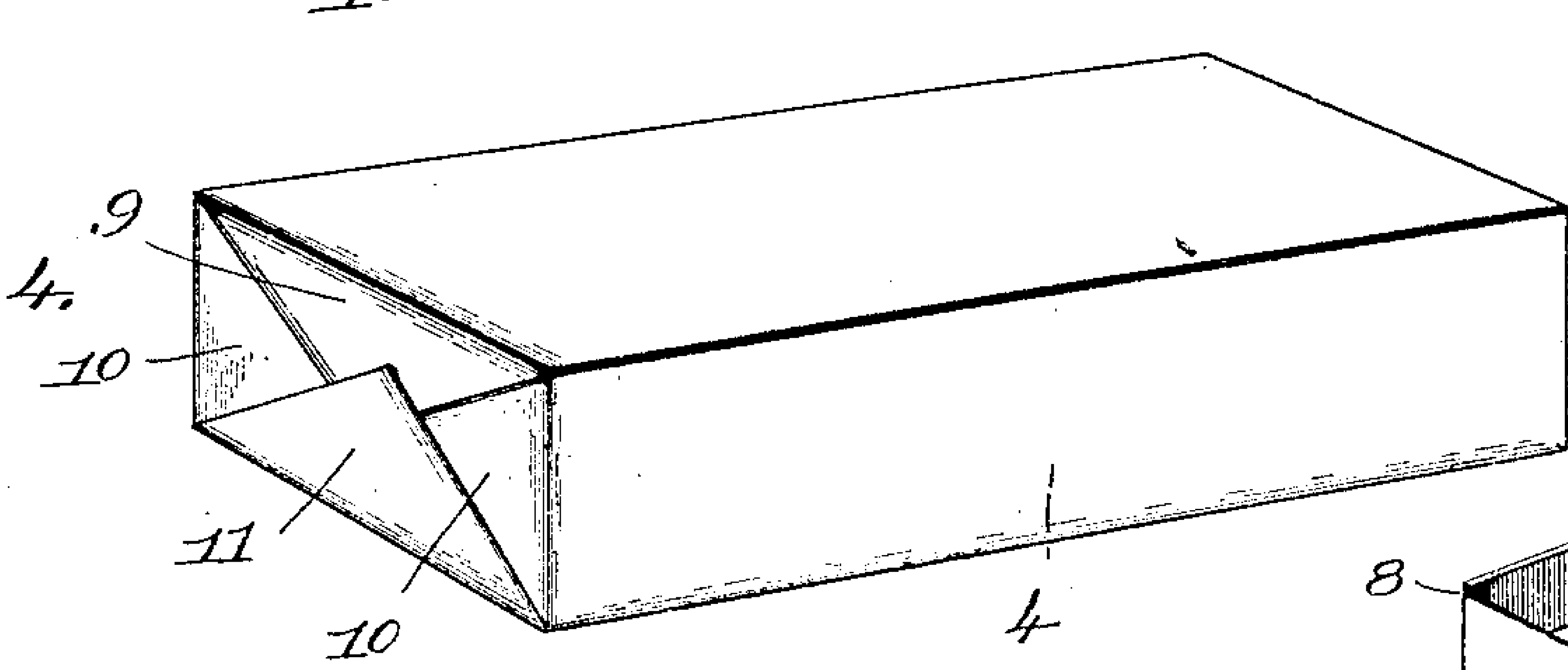


Fig. 6.

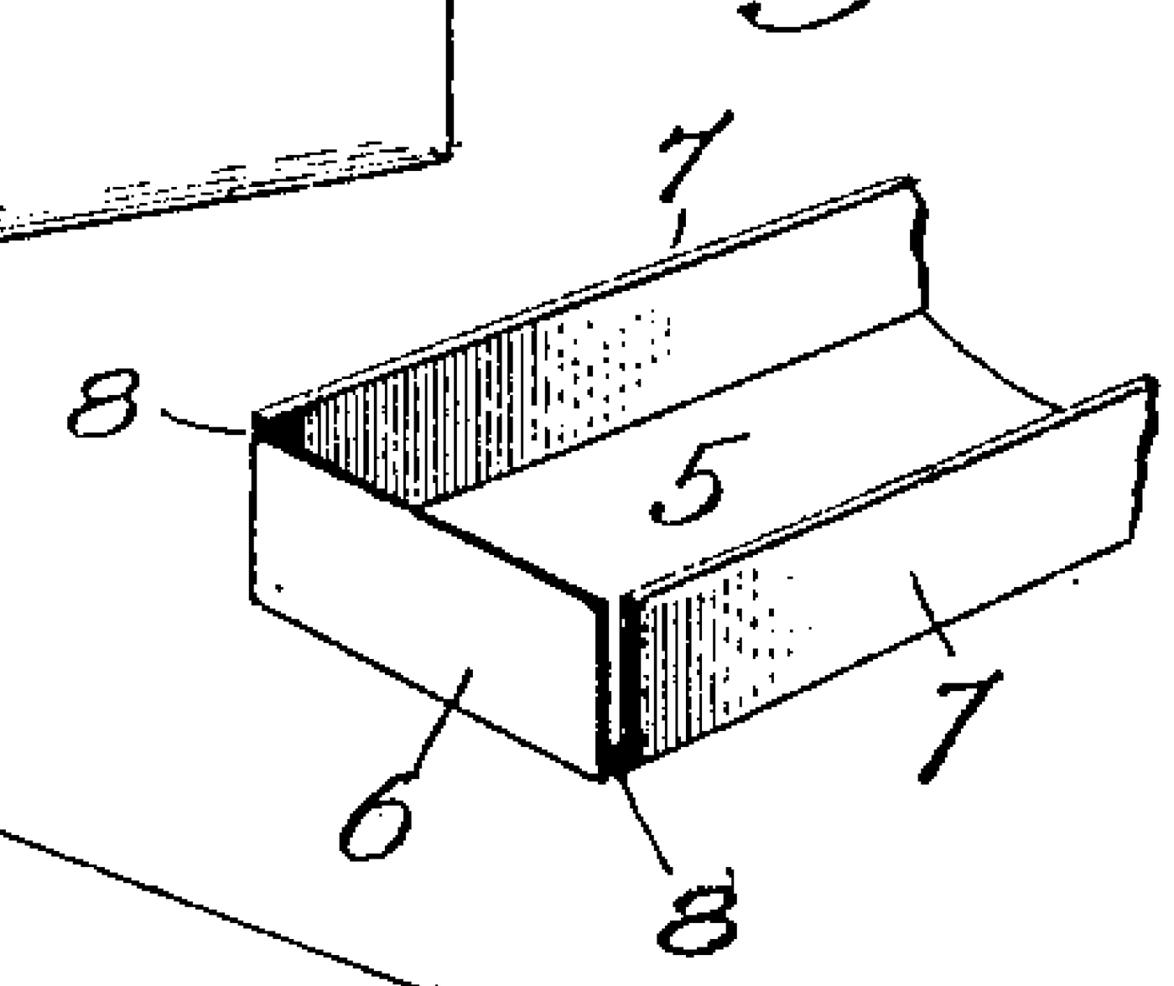
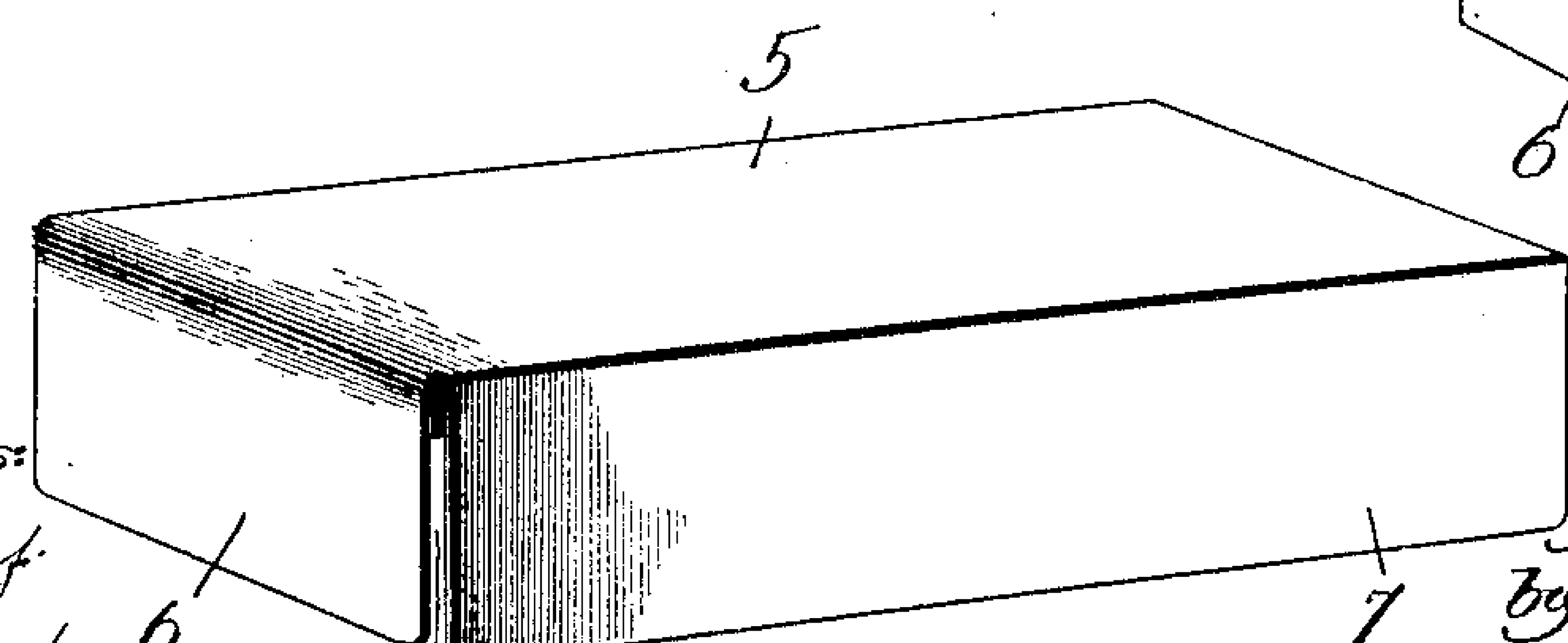


Fig. 5.



Witnesses:
Fred. S. Greenleaf.
Warren D. Owen.

Inventor.
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UNITED STATES PATENT OFFICE.

JOSEPH D. COUGHLIN, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO FREDERICK McGRATH, OF BOSTON, MASSACHUSETTS.

DEVICE FOR WRAPPING PACKAGES.

No. 871,985. Specification of Letters Patent. Patented Nov. 26, 1907.

Application filed January 12, 1906. Serial No. 295,688.

To all whom it may concern:

Be it known that I, JOSEPH D. COUGHLIN, a citizen of the United States, residing at Boston, in the county of Suffolk and State of Massachusetts, have invented an Improvement in Devices for Wrapping Packages, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention relates to a device which is especially designed for assisting in the wrapping of packages, and has for its object to provide a device by means of which a square end may be given to a package which in itself has not this shape.

One familiar illustration is in the case of wrapping a bottle. Everyone is familiar with the fact that it is comparatively easy to wrap a bottle so as to make a neat looking package at the bottom of the bottle, but when it comes to folding the wrapping-paper around the neck-end of the bottle it is very difficult if not impossible to so fold the wrapping-paper that the package will not have substantially the same shape as the bottle.

My improved device enables a person to wrap a bottle in such a way that the package will be square at both ends.

The particular features of my invention will be hereinafter more particularly described and then pointed out in the claims.

In the drawings, Figure 1 is a perspective view of a bottle having wrapping paper wrapped thereabout, the paper at the bottom of the bottle being folded over; Figs. 2 and 3 are perspective views showing the different steps in the operation of folding the wrapping-paper at the neck-end of the bottle with my improved device; Fig. 4 shows the package completely folded; and Figs. 5 and 6 are perspective views of my improved folding device.

In the drawings 3 designates a bottle which is to be wrapped or packaged.

The first step is to roll the bottle up in a piece of wrapping paper 4, and then to fold the edges of the wrapping paper about the bottom of the bottle. At this point the package assumes the appearance shown in Fig. 1.

To assist in making a square end to the package at the top or neck end of the bottle I employ my improved device, which is shown in Fig. 5, and which comprises a body-portion 5, having at one end a shaping-member 6, said shaping-member extending preferably at right angles to the body-portion. In the form of the invention shown in the drawings said device has also the two side pieces 7 which stand at right angles to the body-portion. These side members 7, however, are not absolutely essential to my invention. When they are employed a slight space or slot 8 is left between the end of each side member and the shaping member, as best shown in Fig. 5.

The device having the above construction is open at the end opposite the shaping member 6, and also on the side opposite the body-portion 5 so that it can be placed over the bottle or other package, as seen in Fig. 2. During this operation of placing the device over the bottle the shaping-member 6 will bend the edge 9 of the wrapping paper downwardly and fold it against the end of the bottle, it being understood that in placing the folding-device over the package the shaping member 6 is brought against the cork of the bottle. This operation forms the side folds 10 in the wrapping paper, which side folds project out through the slots 8 between the shaping-member and the side-pieces 7. The further operation of folding the package consists, first in folding the side folds 10 over against the shaping-member 6, as usual in folding the wrapping paper about the ends of the package, this operation forming the flap 11, and thereafter folding said flap up against the shaping-member 6 and the side-folds 10, as shown in Fig. 3. The package is now completely wrapped and the folding device may be removed by merely raising it from the package.

It will be seen that in the above described operation the shaping member 6 forms a square backing against which the flaps 10 and 11 may be folded, and thus enables the packager to give the required square end to the package.

The shape and construction of the device is such that after the package is wrapped said device can be readily removed from the package.

I prefer to construct the device of sheet metal, and to cut it out of a blank of suitable shape and thereafter bend the blank to form the side-members 7 and shaping-member 6, although the device may be made of any

suitable material and in any other way if desired. The side-members 7 are not absolutely essential but they are a convenience because they hold in position the device on the package. Better results can be obtained by employing a plurality of sizes of folding devices to correspond to the different sizes of bottles.

I desire to state that various changes in the construction and shape of the device may be made without in any way departing from the invention.

Having described my invention what I claim as new and desire to secure by Letters Patent is:—

1. In a device of the class described, a body portion, parallel side flanges extending therefrom at its opposite edges, and a shaping member extending from one end of the body at an angle thereto, said shaping member being spaced from the side flanges.

2. In a device for folding packages, a body-portion having at one end a shaping-member and at each side side-members, said shaping-member and side-members standing at right angles to the body-portion but being separated from each other, said shaping-member adapted to overlie the end of the package and to form a backing against which the wrapping paper may be folded.

In testimony whereof, I have signed my name to this specification, in the presence of two subscribing witnesses.

JOSEPH D. COUGHLIN.

Witnesses:
LOUIS C. SMITH,
FREDERICK MCGRATH.