

(No Model.)

H. BELL.  
BOTTLE ENVELOPE.

No. 262,353.

Patented Aug. 8, 1882.

Fig. 3.

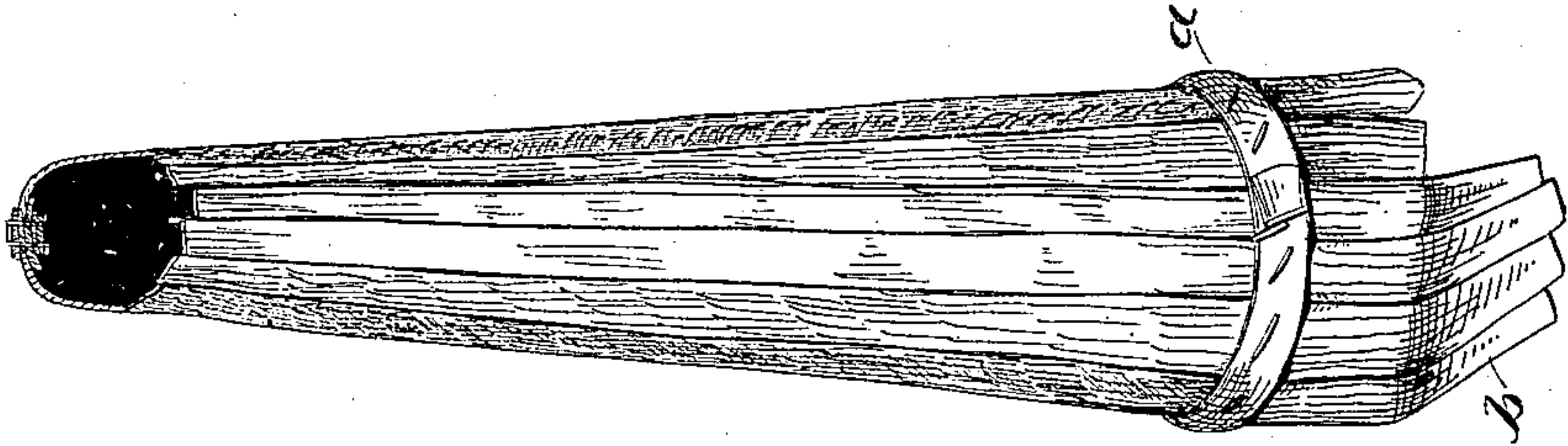


Fig. 2.

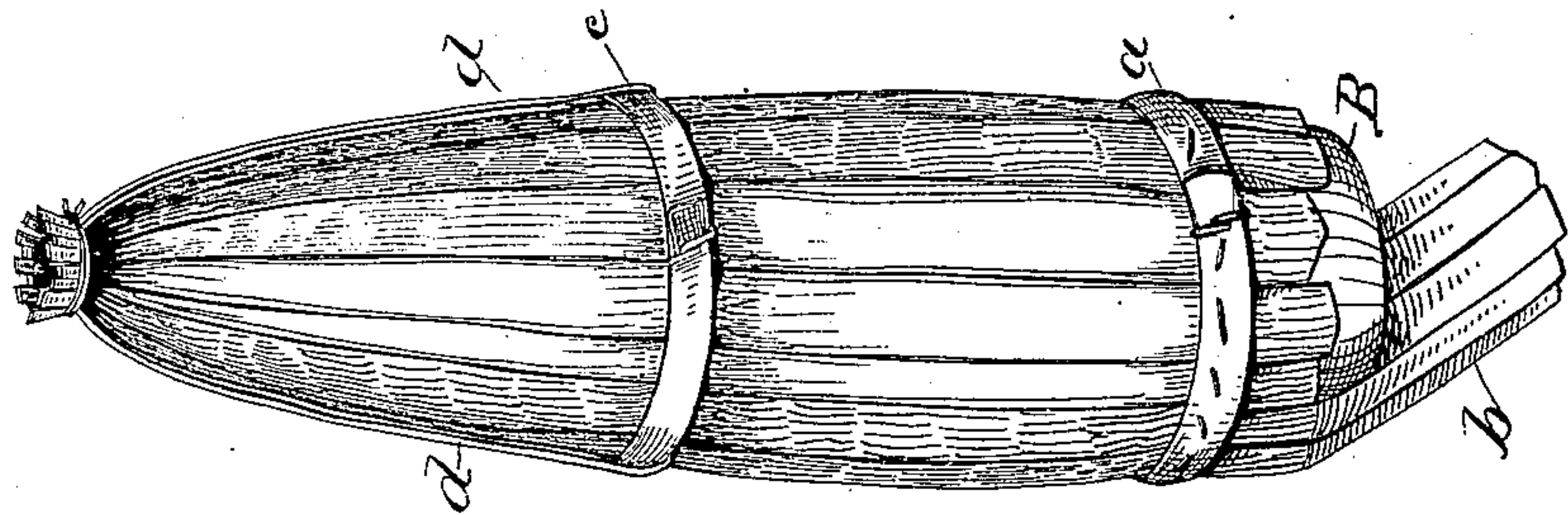
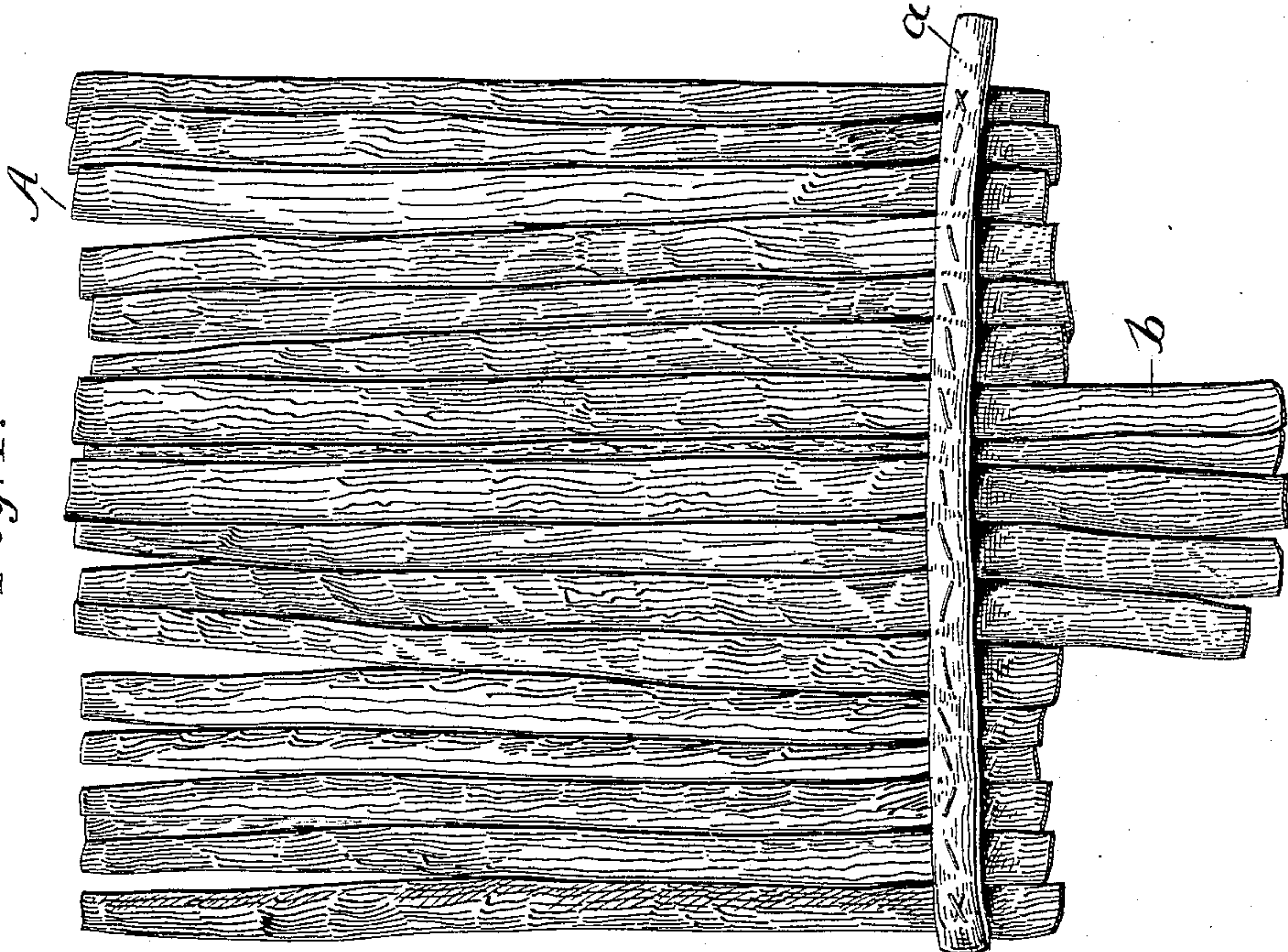


Fig. 1.



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# UNITED STATES PATENT OFFICE.

HENRY BELL, OF BALTIMORE, MARYLAND.

## BOTTLE-ENVELOPE.

SPECIFICATION forming part of Letters Patent No. 262,353, dated August 8, 1882.

Application filed May 27, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY BELL, of Baltimore, in the State of Maryland, have invented a new and useful Improvement in Bottle-Envelopes, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, forming part of this specification.

This invention relates to envelopes for bottles, which are adapted to be passed downward over the cork and neck of a bottle, like a cap.

This invention consists broadly in constructing a bottle-envelope of the class which are closed at the upper and open at the lower end with a flap or bottom formed by making a number of the strips composing the envelope longer than the rest; and the invention further consists in constructing an envelope of a blank consisting of suitable strips of vegetable fiber, which are sewed to a cross-strip near their lower ends, and a number of which are made longer than the rest to form a bottom for the envelope, and in combining with such an envelope a loose band secured to two strips, the ends of which are bound to the upper end of the envelope, as hereinafter more particularly described.

In the drawings, Figure 1 represents a blank from which my improved bottle-envelope is made. Fig. 2 is a side elevation of the envelope with a bottle partially inserted, showing the manner of attaching the adjustable band; and Fig. 3 is an elevation partly in section of a modified form of the envelope.

The blank A is constructed of flags or suitable strips of other vegetable fiber, which are sewed to a cross-strip, *a*, near their lower ends. A number of the strips are made longer than the rest to form a bottom, *b*, for the envelope. One end of the strip or band *a* is made sufficiently long to overlap the other end, to which it is to be secured by a wire clip or by any other suitable means. The upper ends of the strips are then tied together with a cord, and the cap or envelope is ready to be placed upon a bottle, B, which is shown partially inserted therein.

It will readily be perceived that if all the strips were made to project as much below the bottle as the flap *b* the bending of all these under the bottom of the bottle would cause them to overlap each other and form as many thick-

nesses as there are strips, and thus take up room unnecessarily. With the flap *b*, however, which may be rounded at the end, a bottom of a single thickness is formed, which lies directly across the bottom of the bottle and covers and protects the same equally at every point.

As a means of supporting the strips near the center, I provide a loose band, *c*, made of fiber, to which are attached two strips, *d*, each of which is doubled and secured to the top of the envelope by a cord. With this construction the band *c* may be arranged at any desired position by simply using longer or shorter strips *d*. The strips *d* may be secured by the same cord that binds the upper end of the envelope.

When the covered bottles are packed in a case the bottoms *b* will be held in a closed position by contact with other envelopes.

In Fig. 3 I have shown a similar envelope, made in a somewhat different manner. The strips of fiber are to be cut twice the length of the bottle and laid across each other at the center, in which position they are secured together between two pieces of felt or pasteboard by a wire staple or clip. The ends of the strips are then bent downward and confined by the band *a*, which is sewed or otherwise secured thereto. In this manner a cap is formed which may be readily slipped over the cork and neck of a bottle. This form may also be provided with a bottom by leaving a number of contiguous strips longer than the rest, in the manner already described. With this latter construction the envelope can be made somewhat shorter in length, and a protector for the cork is furnished by the felt.

In Letters Patent No. 257,642, granted to me May 9, 1882, I have shown a bottle-envelope formed with a closed bottom by laying strips of material across each other and securing them together between pieces of felt, and then bending the strips up around a bottle and binding them by removable bands.

In the improvement shown in Fig. 3 of the present application the envelope is constructed in the same manner, but is closed at the top instead of the bottom, and is held in a cylindrical form by a band secured thereto, so as to form a cap for a bottle similar in shape and manner of application to that shown in Fig. 2.

In my invention the bands around the envelope protect the bottle equally as well as an envelope of double the thickness, while sewing the band to the strips forming the blank prevents the strips from becoming accidentally separated, and the bottle becoming thereby exposed. The loose band may also be placed on any part of the bottle that is most likely to be broken, and on account of being loose it furnishes a more or less elastic contact-surface between the packed bottles.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. An envelope for a bottle, having its lower end open and a number of the strips forming the same made longer than the rest to form a flap or bottom for the envelope, substantially as shown and described.

2. An envelope for a bottle, consisting of the blank A, formed of suitable strips of vegetable fiber, which are sewed to a cross-strip, *a*, near their lower ends, and a number of which are made longer than the rest to form a bottom, *b*, in combination with means for securing the ends of the cross-strip together and for closing the upper end of the envelope, substantially as shown and described.

3. The combination, with the bottle-envelope, of the loose band secured to two strips, the ends of which are bound to the upper end of the envelope to support the said band at any desired elevation around the envelope, substantially as shown and described.

HENRY BELL.

Witnesses:

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