

(Model.)

B. D. MARKS.
BOTTLE WRAPPER.

No. 245,644.

Patented Aug. 16, 1881.

Fig. 1.

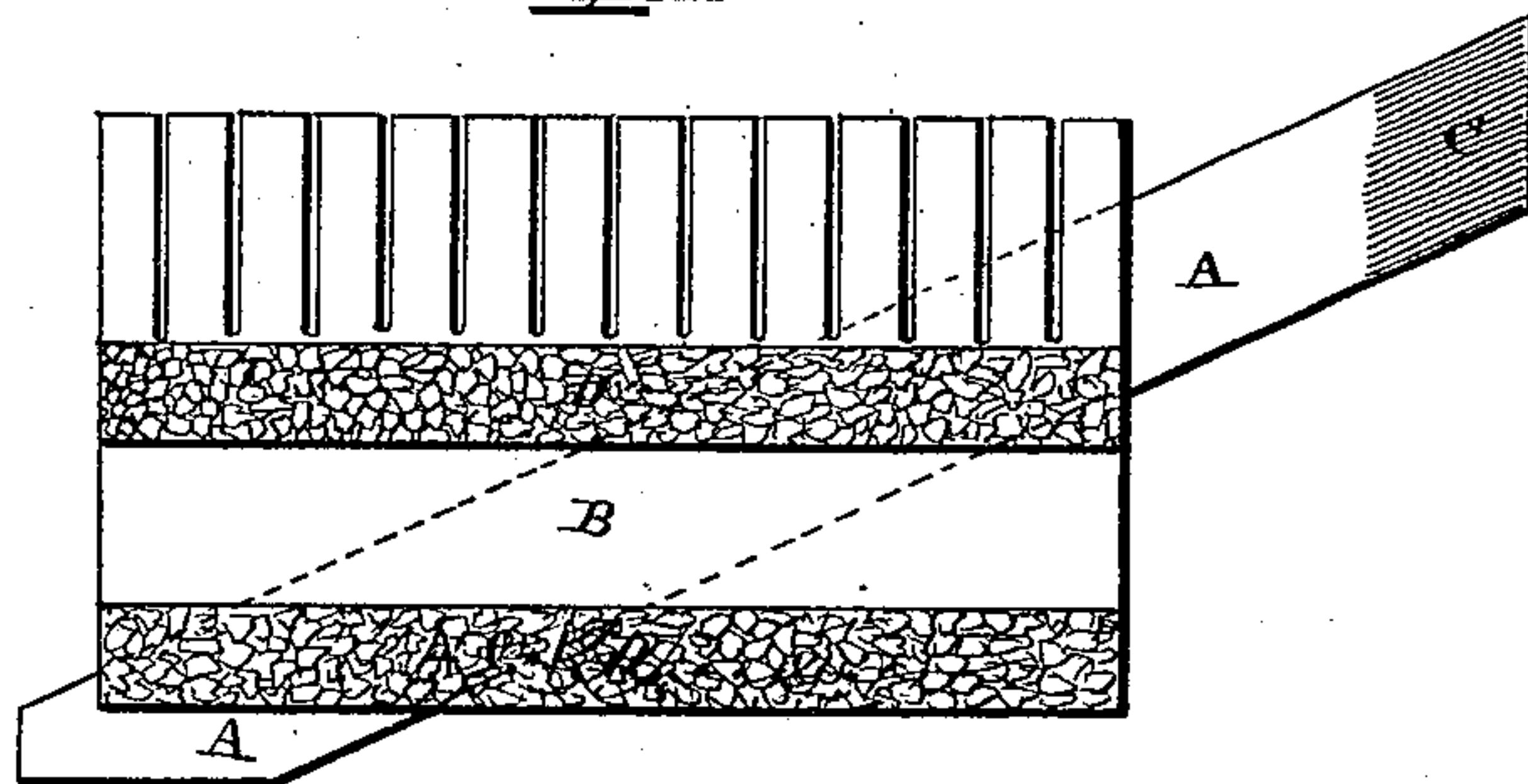


Fig. 2.

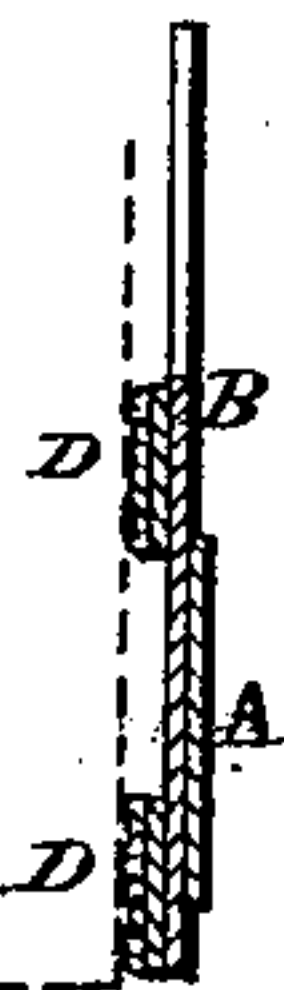
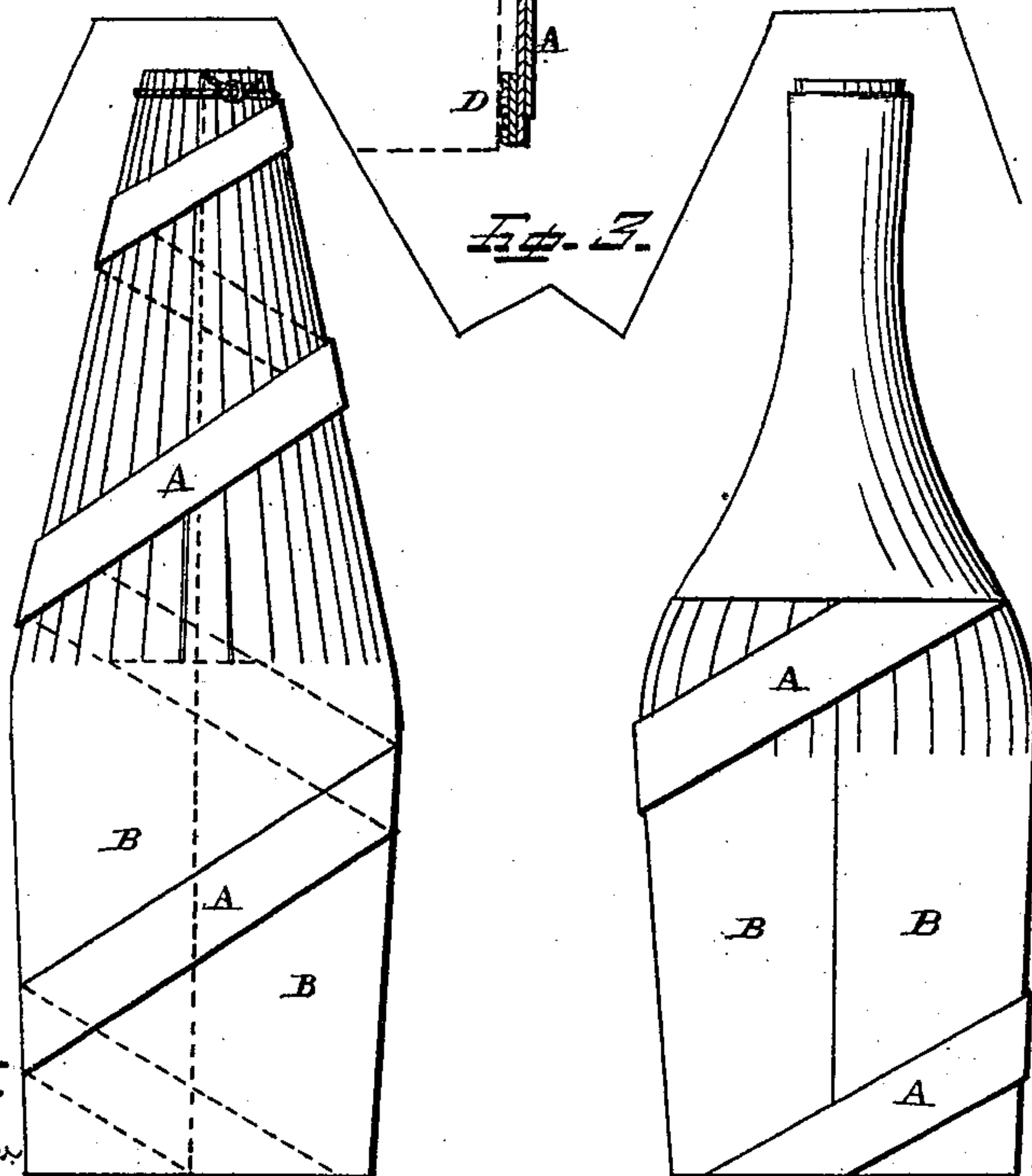


Fig. 3.



WITNESSES.

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BENNETT D. MARKS, OF LOUISVILLE, KENTUCKY.

BOTTLE-WRAPPER.

SPECIFICATION forming part of Letters Patent No. 245,644, dated August 16, 1881.

Application filed January 14, 1881. (Model.)

To all whom it may concern:

Be it known that I, BENNETT D. MARKS, of Louisville, in the county of Jefferson and State of Kentucky, have invented certain new and useful Improvements in Bottle-Wrappers; and I do hereby 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 pertains to make and use it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in bottle-wrappers; and it consists in the combination of a strip of paper, which is to be wrapped spirally around the bottle from its bottom upward, a veneer of wood, which is secured to the lower end of this strip, and strips of soft, elastic material, which are fastened to the inside of the veneer, so as to come in contact with the bottle, as will be more fully described hereinafter.

The object of my invention is to construct a wrapper which can be readily attached to the bottle, which will have elasticity enough to prevent all injury to the bottle during transportation, and which, by being of different materials, will have a greater strength and toughness than those wrappers heretofore used.

Figure 1 is a plan view of the inside of a wrapper embodying my invention. Fig. 2 is a vertical section of the same. Fig. 3 shows two views of the wrapper applied to bottles.

A represents a strip or sheet of paper or other suitable material, which is to be wrapped spirally around the outside of the bottle from its bottom upward. This strip is secured at its lower inside end to the lower corner of a sheet of veneer, B, which has a series of slits made in its upper edge, so that the veneer can be compressed together, and thus made to conform to any shape of the bottle, either around the neck or body. The strip of paper or other material A may be made slightly or much longer than this veneer where the veneer is made only wide enough to protect the body of the bottle, and the upper end of the strip is gummed at C, so that it can be stuck to the top of the cork or the outside of the veneer, or fastened in any manner so as to secure the veneer in place.

Pasted, glued, cemented, or otherwise se-

cured to the inside of the veneer, at suitable distances apart, are layers, D, of granulated cork or any other elastic and compressible material, which bear directly against the side of the bottle and prevent the veneer from touching it, except at its upper edge, where the veneer is bent inward. This cork or other material, bearing directly against the side of the bottle at the points where it is most liable to fracture, and surrounded by the veneer and paper strip, resists all sudden concussions which would have a tendency to break the bottle.

In between the veneer and bottle is an air-space of the thickness of the layers D, and this air-cushion serves to make the wrapper sufficiently elastic to prevent the bottle from being broken by any but the very roughest usage. This air-space around the bottle prevents the contents of the bottle from being frozen in cold weather, and thus serves as a protector both for the bottle itself and its contents. In practice it will be found sufficient to fasten these layers to one edge of the veneer only; but, if so preferred, they may be fastened all the way across.

After the wrapper has been placed around the bottle the overlapping gummed edge or edges of the outside strip of paper or other material is fastened down, so as to keep the veneer in place, and the upper edge of the veneer is compressed tightly around the neck of the bottle and tied. The breaking of one bottle in the package while being transported will not disturb or change the positions of the other bottles, as the wrappers hold each one in position, and the wetting of these wooden veneers will not cause them to soften, melt, or rot.

This wrapper will be found specially useful in the transportation of high-priced liquors, such as whisky, wines, and champagne, where as near absolute safety as can be obtained is necessary.

This wrapper forms a very neat package, is simple and cheap in construction, and can be applied to bottles of all kinds without any special skill or practice.

I am aware that a wrapper of felt having one or more corrugated belts raised from its surface, and that a paper wrapper lined with a solid sheet of cork, are both old, and these I disclaim.

Having thus described my invention, I claim—

As a new article of manufacture, a bottle-wraper consisting of a veneer of wood, B, which has its upper end slitted, and the strips D, secured to its inner side at a suitable distance apart, in combination with the strip of paper A, which is secured to the veneer at one of its lower corners, and then wrapped spirally around the outside of the wrapper and fast-

ened to the veneer or the bottle at its upper end, substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand this 15th day of December, 1880.

BENNETT D. MARKS.

Witnesses:

C. I. CANFIELD,

ARTHUR M. MARKS.