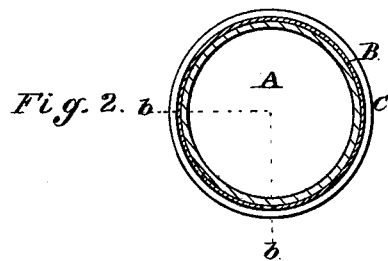
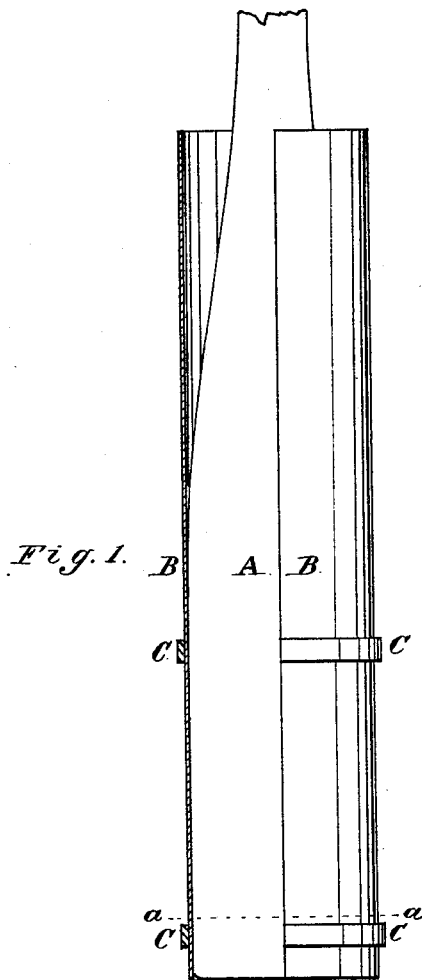


B. D. MARKS.
Bottle-Wrapper.

No. 218,297.

Patented Aug. 5, 1879



Attest:
Geo. H. Knight
Walter Allen

Inventor:
Bennett D. Marks
By Knight & P.
Atty's.

UNITED STATES PATENT OFFICE.

BENNETT D. MARKS, OF LOUISVILLE, KENTUCKY.

IMPROVEMENT IN BOTTLE-WRAPPERS.

Specification forming part of Letters Patent No. **218,297**, dated August 5, 1879; application filed June 9, 1879.

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 a certain new and useful Improvement in Wrappers for Bottles, Jars, &c., of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming part of this specification.

My improvement relates to a cheap and efficient way of packing bottles or other vessels liable to fracture in a small compass for transportation.

My improvement consists in wrapping the bottle or other vessel in a sheet of thin wood, or what is sometimes called "wood paper," and retaining it with compressible bands.

In the drawings, Figure 1 shows the wrapping around a bottle, one half in side elevation and the other half in section at *b b*, Fig. 2. Fig. 2 is a transverse section at *a a*, Fig. 1.

I will describe the wrapper as applied to a bottle; but it is applicable in substantially the same manner to jars or other vessels liable to fracture.

A is the bottle. B is a sheet of thin wood surrounding the bottle, and held thereon by

bands C of india-rubber or other compressible material.

The grain of the wood should run lengthwise of the bottle, so that the transverse flexibility of the sheet may be availed of to enable it to take the curvature of the bottle.

The rigidity of the sheet lengthwise of the grain is sufficient to diffuse the force of a blow over so much space that there is little danger of cracking the glass. The bands C also constitute an element of safety, because they act as springs to prevent the dangerous concussion of bottles against each other.

I do not claim in this application the simple use of rubber bands upon a bottle as a preservative from breakage, as I expect to make this the subject-matter of another application; but

What I claim herein as my invention is—

A bottle-wrapper composed of the wooden sheet B and encircling elastic retaining-bands C, substantially as set forth.

BENNETT D. MARKS.

Witnesses:

SAML. KNIGHT,
GEO. H. KNIGHT.