

H. J. MARK & W. F. MARTINEK.
Bottle Wrapper.

No. 230,710.

Patented Aug. 3, 1880.

Fig. 1.

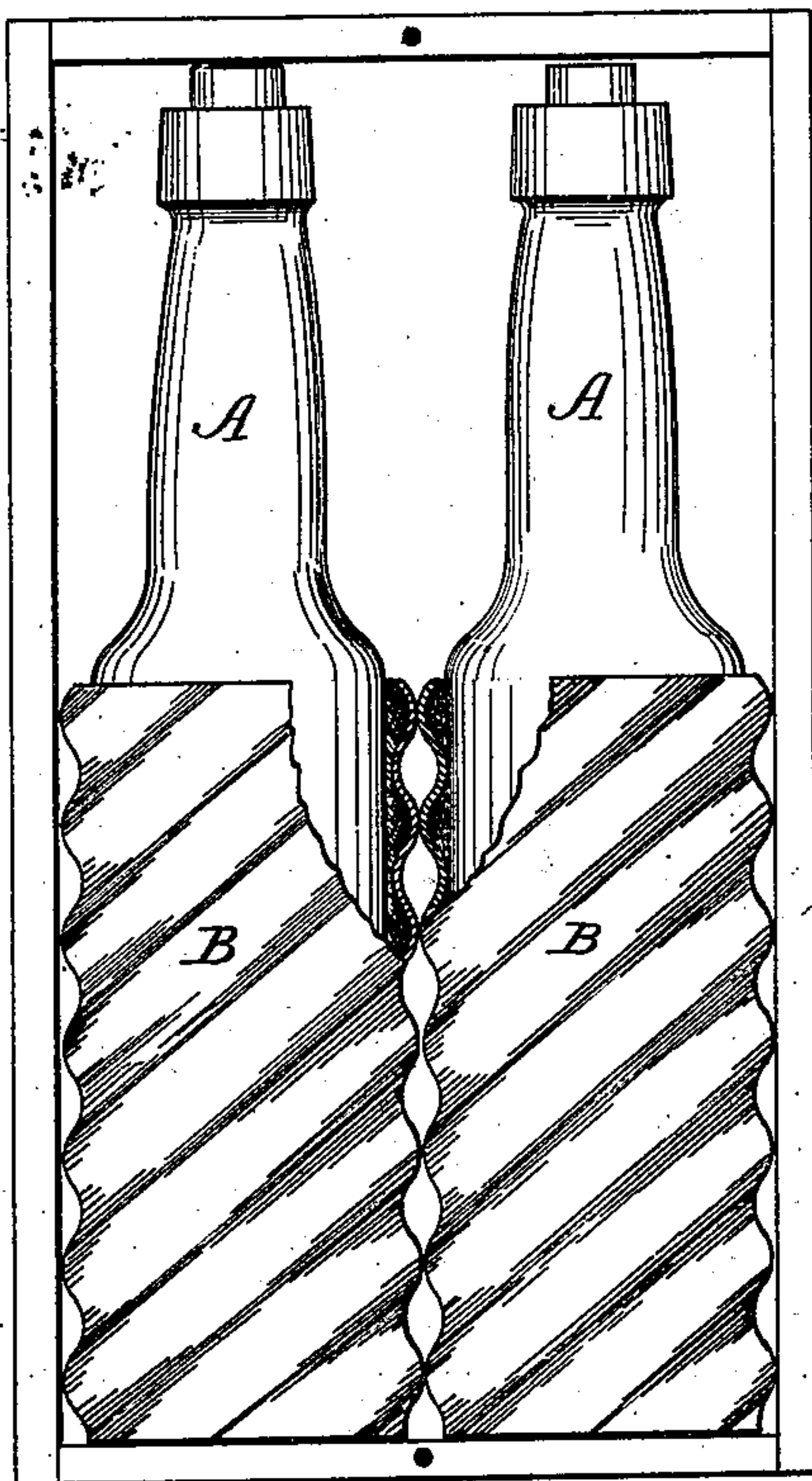
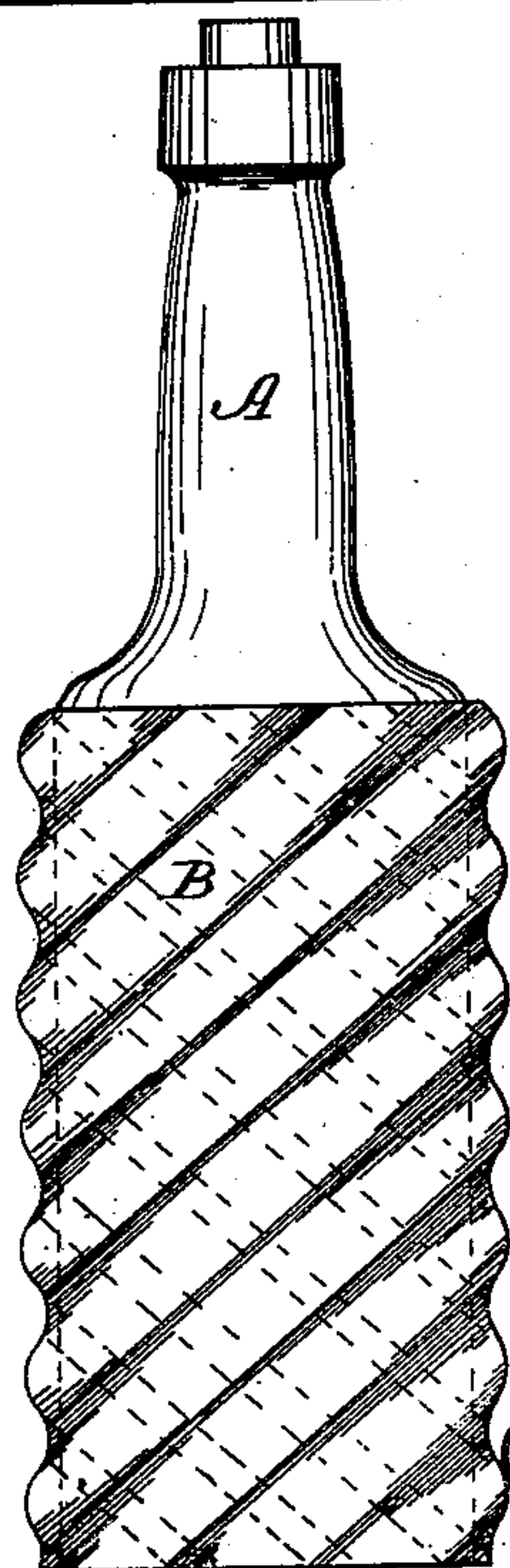


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

HENRY J. MARK AND WILLIAM F. MARTINEK, OF ST. LOUIS, MISSOURI.

BOTTLE-WRAPPER.

SPECIFICATION forming part of Letters Patent No. 230,710, dated August 3, 1880.

Application filed January 6, 1880.

To all whom it may concern:

Be it known that we, HENRY JOSEPH MARK and WILLIAM FRANCIS MARTINEK, of the city and county of St. Louis, and State of Missouri, have invented a new and Improved Bottle-Wrapper; and we do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view of two bottles packed in a box with our wrapper, and with a portion of the wrapper broken away to show the space between the glass surfaces of the bottles when thus packed. Fig. 2 is a view of a single bottle and package, showing, in dotted lines, how the corrugations of one wrapper cross the corrugations of the next adjacent one to give double the space between the bottles, instead of allowing the corrugations or grooves to mesh the one into the other.

Our invention relates to a novel wrapper for packing bottles, glass, queensware, and other kindred material, designed to prevent the same from breaking when packed for storage or transportation.

The invention consists in a jacket composed of a thin tube or cylinder of veneer, pasteboard, or other similar material, having diagonal or spirally-arranged corrugations or grooves, as hereinafter fully described.

In the drawings, A represents a bottle provided with one of our improved wrappers, which consists of a tube or cylinder, B, of veneer, pasteboard, or other analogous material, having spiral or diagonal grooves or corrugations.

When the bottles or other articles are packed

in close adjacent position the inclination of the grooves or corrugations on one bottle is reverse to the inclination of the grooves or corrugations on the other, and as the grooves or corrugations thus cross each other, as shown in dotted lines, Fig. 2, the bottles are always really separated by a distance equal to twice the height of the grooves or corrugations, (see Fig. 1,) thus affording between the bottles double the elasticity which the single grooves or corrugations of any one wrapper present. For this reason we have called our invention a "duplex elastic and diagonally-grooved wrapper."

In modifying our invention we may, instead of the simple corrugations or continuous grooves, employ a spiral series of separate but closely-spaced indentations, punctures, or perforations.

Any article packed with our wrapper is easily put into barrels or boxes, sliding in, no matter how it may be caught, and they are easily made tight, but will not stick like wrappers with corrugated belts, strings, or longitudinal corrugations, but go in and come out easily and fit tightly, always making a safe package.

Having thus described our invention, what we claim as new is—

A wrapper or jacket for bottles and analogous articles having spiral or diagonally-arranged grooves or corrugations, substantially as and for the purpose described.

HENRY JOSEPH MARK.

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Witnesses:

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